# ACADEMIC PROGRAMS AND COURSE CATALOG 2023-2024 


"Pursuit Of Nathing But The Best"

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## PROVISO TOWNSHIP HIGH SCHOOLS DISTRICT 209

## Board of <br> Education



## "Pursuit Of Nothing But The Best"

## Proviso Township High Schools District 209



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## Central Administration

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Dr. Deborah Watson-Hill, Chief School Business Official
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Mr. L.T. Taylor, Director of Operations
Ms. Kristine Vandenbroek, Director of Communications/Public Relations
Ms. Athanasia Albans, Coordinator I - Professional Development and Performance Management
Mr. Alexander S. Aschoff, Coordinator I - Data, Assessment, and Science
Dr. Alexander Brandon, Coordinator I - Career and Technical Education (CTE)
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Mr. Vasyl Koval, Coordinator I - Network Systems
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Ms. Angela K. Marino, Coordinator I - ELA and the Arts
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Mr. DeJuan Moon, Coordinator I - IT
Mr. Derrick Svelnys, Coordinator I - Data, Enrollment, and Wellness
Mr. Tony Valente, Coordinator I - Social Studies and World Languages
Ms. Rebecca Tanaka, Coordinator II - International Baccalaureate Programme
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## VISION

# EQUITY, EXCELLENCE, AND REVELANCE FOR ALL 

MISSION Pursuit of Nothing But the Best

## FIVE FOCUS AREAS

District 209 offers programs in which admission cannot be denied on the basis of a student's race, color, creed, religion, gender, national origin, disability, or social or economic status.

## Goals

- Build a culture of continuous improvement and design equitable systems for school-based and district-wide improvement
- All students will have access to and engagement with high-quality, equitable and relevant instruction
- Design, implement, and sustain a technology plan that will secure network allowing for integration of technology into teaching and learning
- To hire and retain the best and brightest employees who are collaborative and engage in a growth mindset
- To develop and maintain fiscal equity, responsibility and efficient operations that support the instructional core across the entire district


## Graduation Requirements

The Board of Education determines high school graduation requirements that will provide each student ample opportunity to achieve the purpose for which the School District exists and that meet the minimum graduation requirements contained in State law. Unless otherwise exempted, each student must successfully accomplish the following in order to graduate from high school:

- Complete all District graduation and course requirements that are in addition to the State requirements.
- Complete all courses as provided in The School Code, 105 ILCS 5/27-22, according to the year in which a student entered the $9^{\text {th }}$ grade.
- Complete all minimum requirements for graduation as specified by Illinois State Board of Education rule, 23 III. Admin.Code § 1.440.
- Pass an examination on patriotism and principles of representative government, proper use of the flag, methods of voting, and the Pledge of Allegiance.


## Proviso East and Proviso West High Schools

Twenty-two (22) credits are required for graduation from Proviso East and Proviso West High Schools. In addition, students must complete 40 hours of community service.

| Subjects | Credits Required for Graduation |
| :--- | :---: |
| English <br> English 1-4 (or equivalents) are required. Equivalents include AP English <br> Language \& Composition, AP English Literature \& Composition, American <br> Studies Honors, College Reading and Writing, and English 1-4 EL/Bridging. |  |
| Mathematics <br> Integrated Math 1, Integrated Math 2, and Integrated Math 3 (or <br> equivalents) are required. | 4 |
| Science |  |
| Social Studies <br>  <br> Politics meets the Civics requirement. Civics includes Consumer Education <br> content which is also a requirement. African American History meets the <br> Black History requirement. Students must also pass the Constitution Test. |  |
| Physical Education and Wellness <br> Health Education is required. |  |
| Consumer Education <br> This graduation requirement may be satisfied by several courses such as <br> Civics or AP US Government \& Politics. |  |
| World Languages, Fine Arts, Applied Technology, Engineering/ <br> Technology, Research \& Theoretical Studies <br> 2 years of World Language are recommended for college-bound, NCAA. | 3 |
| Electives | 3 |

Proviso East Math \& Science Academy (PEMSA), Proviso West Math \& Science Academy (PWMSA), and Proviso Math \& Science Academy (PMSA)

Twenty-five (25) credits are required for graduation from the Proviso Maths and Science Academies. In addition, each student must complete 40 hours of community service during their high school career.

| Subject | Credits Required for Graduation | Graduation with Distinction |
| :---: | :---: | :---: |
| English <br> IH Survey of Literature and IH World Literature (or equivalents) are required. | 4 | 4 |
| Mathematics <br> IH Integrated Math 1 and IH Integrated Math 2 Ior equivalents) are required. | 5 | 5 |
| Science | 4 | 4 |
| Social Studies <br> IH US History (or its equivalent) and IH Civics (or its equivalent) including Consumer Education content are requirements. IH Black History (or equivalent) is required. IH Global Studies or AP World History is required. Students must pass the Constitution Test. | 3 | 3 |
| Consumer Education <br> This graduation requirement may be satisfied by several courses such as IH Civics or AP US Government \& Politics. | 0.5 | 0.5 or embedded in other courses |
| Wellness <br> IH Health Education is required. | 4 | 4 |
| World Languages <br> 2 years of the same language are required. | 2 | 2 |
| Fine Arts and/or Engineering \& Technology | 2 | 2 |
| Research \& Theoretical Studies (Includes AP Capstone: AP Seminar \& AP Research, OneGoal, IH Research Core, and IH Research Mentorship -PMSA only) | 1 | 3.5 <br> (Includes successful completion of AP Capstone or IH Research Mentorship PMSA only) |
| Total | 25 credits | 27.5 |
| Community Service | 40 hours | 40 hours |

## Student Grade Level Promotion

Promotion means graduation from high school after meeting all graduation requirements established by the Board in its policy on graduation which is based on successful completion of the designated requirements. (Policy 6:280). The decision to promote a student to the next grade level is based on successful completion of the curriculum, attendance, performance on standardized tests and other testing.

Students will be promoted to their appropriate classification only after they have earned the minimum credit requirements listed below. For example, students in their second year of attendance who have fewer than six (6) credits will keep the Grade 9 (or freshman) classification.

- Grade 9 (Freshman): students in their first year of high school attendance with fewer than six (6) high school credits.
- Grade 10 (Sophomore): students who have earned a minimum of six (6) high school credits.
- Grade 11 (Junior): students who have earned a minimum of twelve (12) high school credits.
- Grade 12 (Senior): students who have earned a minimum of sixteen (16) high school credits.

Failure to earn sufficient credits for promotion to next grade level will affect eligibility for Driver's Education, class rings, athletics, class functions, etc. Promotion will occur at the beginning of each school year only. Except for seniors, mid-year (January) promotions will not be approved.

## Student Assignment/Course Load

Students attending Proviso East and Proviso West are assigned seven (7) courses per semester. A student who successfully completes a semester course shall be awarded $1 / 2$ credit.

Students attending Proviso Math \& Science Academy (PMSA), Proviso East Math \& Science Academy (PEMSA), and Proviso West Math \& Science Academy (PWMSA) are assigned seven (7) courses per semester. A student who successfully completes a semester course shall be awarded $1 / 2$ credit.

## Grading (Policy 6:280)

Every teacher shall maintain an evaluation record for each student in the teacher's classroom. A District administrator cannot change the final grade assigned by the teacher without notifying the teacher. Reasons for changing a student's final grade include:

- A miscalculation of test scores,
- A technical error in assigning a particular grade or score,
- The teacher agrees to allow the student to do extra work that may impact the grade,
- An inappropriate grading system used to determine the grade, or
- An inappropriate grade based on an appropriate grading system.

Should a grade change be made, the administrator making the change must sign the changed record.

Grading Scale
The grading scale for all three campuses is the same. The district-wide grading scale is shown below.

| Grading Scale for All |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $\%$ | Grade | $\%$ | Grade | $\%$ | Grade | $\%$ | Grade |
| 100 | $\mathrm{~A}+$ | 89 | $\mathrm{~B}+$ | 79 | $\mathrm{C}+$ | 69 | $\mathrm{D}+$ |
| 99 | $\mathrm{~A}+$ | 88 | $\mathrm{~B}+$ | 78 | $\mathrm{C}+$ | 68 | $\mathrm{D}+$ |
| 98 | $\mathrm{~A}+$ | 87 | $\mathrm{~B}+$ | 77 | $\mathrm{C}+$ | 67 | $\mathrm{D}+$ |
| 97 | $\mathrm{~A}+$ | 86 | B | 76 | C | 66 | D |
| 96 | A | 85 | B | 75 | C | 65 | D |
| 95 | A | 84 | B | 74 | C | 64 | D |
| 94 | A | 83 | B | 73 | C | 63 | D |
| 93 | A | 82 | $\mathrm{~B}-$ | 72 | $\mathrm{C}-$ | 62 | $\mathrm{D}-$ |
| 92 | $\mathrm{~A}-$ | 81 | $\mathrm{~B}-$ | 71 | $\mathrm{C}-$ | 61 | $\mathrm{D}-$ |
| 91 | $\mathrm{~A}-$ | 80 | $\mathrm{~B}-$ | 70 | $\mathrm{C}-$ | 60 | $\mathrm{D}-$ |
| 90 | $\mathrm{~A}-$ |  |  |  |  | 59 | F |

## Grade Weighting

The following weighted grades are in effect in selected courses. The purpose of weighted grades is to enhance the class rank of students who do satisfactory work in the most challenging courses. The weight of individual courses is determined by the points assigned to the grade a student earns in a course.

Proviso's current system of grade weighting divides courses into eight categories. The nature of these categories, the courses within each category, and the points awarded to grades in each category are explained below.

## Category 1

This category includes the vast majority of course offerings. These courses are generally entry level courses and regular level courses that are required for graduation. They provide college and career readiness for postsecondary opportunities. The following points are awarded in this category:
$A=4.0$
$B=3.0$
$C=2.0$
$\mathrm{D}=1.0$
$\mathrm{F}=0$

## Category 2

This category includes honors courses deemed more challenging due to complexity of academic concepts, accelerated pace of instruction, and advanced level of instruction. The following points are awarded to grades in this category:
$A=5.0$
$B=4.0$
$C=3.0$
$D=1.0$
$F=0$

## Category 3

This category includes Advanced Placement (AP) courses that are designed to be the equivalent of courses taken the first year of college. Students participating in AP courses are strongly encouraged to take the examination provided by the College Board. Colleges and universities may award college credit if specified minimum scores are achieved on the exam. The following points are awarded to grades in this category:
$A=5.5$
$B=4.5$
$\mathrm{C}=3.5$
$\mathrm{D}=1.5$
$\mathrm{F}=0$

## Category 4

This category includes International Baccalaureate (IB) courses that are designed to be the equivalent of courses taken the first year of college around the globe. Students participating in IB courses are strongly encouraged to take the examinations provided by the International Baccalaureate Organization (IBO). Colleges and universities may award college credit if specified minimum scores are achieved on the exam. The following points are awarded for this category.
$\mathrm{A}=5.5$
$B=4.5$
$\mathrm{C}=3.5$
$\mathrm{D}=1.5$
$F=0$

## Category 5

This category includes Dual Credit and Dual Enrollment courses that are designed to be the equivalent of courses taken the first year of college. Students participating in Dual Credit and Dual Enrollment courses are strongly encouraged to take the examinations associated with those courses. Colleges and universities may award college credit if specified minimum scores are achieved on the exam. The following points are awarded to grades in this category:
$A=5.5$
$B=4.5$
$C=3.5$
$D=1.5$
$F=0$

## Category 6

This category includes Elective courses that do not fulfill the graduation required coursework in the content area. These courses serve as elective credit only and will earn their respective credit per the corresponding department. The following points are awarded to grades in this category:
$A=4.0$ or $5.0 \quad B=3.0$ or $4.0 \quad C=2.0$ or $3.0 \quad D=1.0 \quad F=0$

## Category 7

This category is exclusively for Special Education courses that are required for graduation. These courses provide college and career readiness for postsecondary opportunities. The following points are awarded in this category:
$A=4.0 \quad B=3.0 \quad C=2.0 \quad D=1.0 \quad F=0$

## Category 8

This category is exclusively for EL courses as part of the English Learners department. These courses provide college and career readiness for postsecondary opportunities. The following points are awarded in this category:
$A=4.0 \quad B=3.0 \quad C=2.0 \quad D=1.0 \quad F=0$

## Special Graduation Circumstances

## Early Graduation

Early graduation is an opportunity for very capable students to complete their high school graduation requirements by their 7th semester of school, in order to pursue further education and/or full-time employment. Students must complete all the credit requirements for a standard diploma for their respective class and high school and maintain a 3.0 cumulative GPA in order to qualify. The specific details of the standard diploma requirements may be found in the Curriculum Handbook.

Students wishing to graduate early, must work with their counselors to submit a completed application by May $1^{\text {st }}$ of their junior year to their principal. A complete application consists of the following:

1. Early Graduation Request Form with signatures from the parent, counselor, and student.
2. Copy of the student's most recent transcript.
3. Copy of the student's current schedule.
4. Copy of the student's Graduation Progress (from PowerSchool).
5. Completed Early Graduation Plan.
6. One-page, typed letter explaining:

- Why the student wants to graduate early.
- The educational benefit the student will gain through early graduation.
- What the student plans to do with time after graduation.

The principal will review and sign the application before submitting it to the Deputy Superintendent of Educational Services by May $15^{\text {th }}$ of the student's junior year if he/she is in agreement of the request. The Deputy Superintendent will either approve and submit the application for final approval to the Superintendent or deny the application and return it to the student along with a written explanation for the denial.

If the student is granted the opportunity to graduate early, he/she must fulfill all the district's graduation requirements to earn a standard diploma by the end of their 7th semester. In addition, the student must submit verification of post-secondary plan (college acceptance, employment verification letter) by November $15^{\text {th }}$ of their senior year to the counselor. Failure to complete the courses and/or verification of post-secondary plan, will void the early graduation agreement.

## Students with Individualized Education Plans (IEPs)

Diverse learners who have an Individualized Education Plan (IEP) prescribing special education, transition planning, transition services, or related services beyond the student's four years of high school, qualifies for a certificate of completion after the student has completed four years of high school. The student is encouraged to participate in the graduation ceremony of his or her high school graduation class. The Superintendent or designee shall provide timely written notice of this requirement to diverse learners and their parents/guardians.

## Veterans of World War II, the Korean Conflict, or the Vietnam Conflict

Upon application, an honorably discharged veteran of World War II, the Korean Conflict, or the Vietnam Conflict will be awarded a diploma, if he or she: (I) resided within an area currently within the District at the time he or she left high school, (2) left high school before graduating in order to serve in the US Armed Forces, and (3) has not received a high school diploma or General Educational Development (GED) diploma.

## Academic Opportunities

Students at Proviso High Schools District 209 have the opportunity to earn college credit and other honors through different courses of study. The benefits of earning college credit while still in high school include:

- Promotes student candidacy for scholarships and post-secondary opportunities
- Increases college and career readiness for scholars
- May lead to a reduction in the number of college classes required after high school graduation which can provide cost savings for families
All of our scholars are encouraged to consider taking advantage of these academic opportunities.


## Advanced Placement (AP®)

Advanced Placement ( $\mathrm{AP}^{\ominus}$ ) is a program created by the College Board which offers college level curricula and examinations to high school students. Students who obtain high scores on AP® exams may be granted college credit from their selected colleges or universities. AP ${ }^{\circledR}$ courses offered at Proviso contain "AP" in their titles. Students are expected to take the $A P^{\circledR}$ exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Capstone

Created by the College Board, this program includes AP ${ }^{\circledR}$ Seminar (grades 10 or 11) and $\mathrm{AP}^{\circledR}$ Research (grades 11 or 12) for elective credit in the Research and Theoretical Studies Department. These two courses offer college level research preparation for high school students and provide AP ${ }^{\circledR}$ coursework and exams that are not content based. Classes emphasize small group discussion and collaboration. Students who successfully complete both courses gain AP ${ }^{\circledR}$ Capstone designation on their diploma and transcript. This program is an alternative to the International Baccalaureate ${ }^{\circledR}$ Diploma Programme and an excellent entry level college preparatory option for sophomores at Proviso East and West High Schools.

## Career and Technical Education (CTE)

Career and Technical Education (CTE) is at the forefront of preparing youth to succeed in fast-growing, high-paid jobs in high-growth industries around the country. According to the Bureau of Labor Statistics Occupational Outlook Handbook, many of the fastest-growing jobs through 2024 will be in CTE fields. Many of the highest-paid jobs are also in fields for which CTE prepares students, including engineering, technology, health care, energy, architecture, IT, and marketing. Proviso Township currently provides instruction for careers in high-wage, high-skill, and highdemand occupations in the areas of IT, Business, Human Development, Culinary Arts, Industrial Technology and Engineering. CTE programs strengthen students' technical skills; articulate transitions to postsecondary programs, employment, or both; assist in meeting the Illinois Learning Standards; and close achievement gaps. These programs are instrumental in supporting student success and promoting continuous improvement.

## Dual Credit and Dual Enrollment

Proviso Township High Schools partners with Triton College and other colleges to offer Dual Credit and Dual Enrollment courses.

## Dual Credit

Students earn college and high school credit for specific classes taken at Proviso for which the school has an approved Dual Credit agreement, including Triton College. These classes double as high school courses and college courses and are taught by teachers who are qualified to teach both. The Dual Credit program is open to
academically talented students who are currently enrolled in or are interested in taking Advanced Placement (AP) courses. Students receive high school credit for the class and college credit. Courses with a dual credit option are denoted with "(Dual Credit)" next to their titles in this catalog. Students should contact their counselor for information regarding eligibility and registration.

Dual Credit forms can be found here for Triton College: https://www.triton.edu/academics/dual-credit/

## Dual Enrollment

Juniors and seniors can enroll at a college with which Proviso has a formal agreement and attend classes while still in high school. Interested students should contact their counselor for information regarding eligibility and registration.

Eligible students may need to:

- Complete the Dual Enrollment Application
- Take the ACCUPLACER Assessment or other college placement test*+
- Obtain written permission from a high school administrator and a parent or guardian and meet with a College Counselor
* All students planning to enroll in the Nursing Assistant Program must earn a score of 80 in the reading portion of the placement test to qualify.
${ }^{+}$The assessment may be waived with SAT test scores of 520 in EBRW (English) and 580 in Math or ACT test scores of 20 in English and Writing and a score of 23 in Math.


## International Baccalaureate ${ }^{\circledR}$ Programme*

The International Baccalaureate ${ }^{\circledR}$ (IB) Diploma Programme encourages personal and academic achievement. Through rigorous student-centered courses based in the IB educational philosophy, students develop international mindedness. Students participating in the IB Diploma Programme or IB Career-related Programme are eligible to earn an International Baccalaureate ${ }^{\circledR}$ Diploma or Career-related Certificate, respectively. The IB Programme takes place over the final two years of a student's high school career ( $11^{\text {th }}$ and $12^{\text {th }}$ grades). Students who obtain high scores on the IB ${ }^{\circledR}$ exams may be granted college credit from their selected colleges or universities.

IB World Schools share a common philosophy, a commitment to high-quality, challenging, international education that is important for all of our scholars. All three campuses have been authorized as IB World Schools.

Students may enter the IB Diploma Programme at their attending campus (Proviso East High School, Proviso West High School, or Proviso Math and Science Academies) in the following way:

- Apply during sophomore year as a full IB Diploma candidate (taking all IB Diploma courses and fulfilling IB core requirements) or as an IB Certificate candidate (taking 1-3 IB Diploma courses and fulfilling IB core requirements).
- Attend one of the informational meetings for students and parents to learn about the program and the application process.
- Review the informational materials provided by the student's counselor prior to submitting the application.

Students at Proviso West High School** have one additional option, the Career-Related Programme (CP) which focuses on building personal and professional skills within a career-related field of study. Students attending Proviso West may enter this IB option in the following way:

- Apply during sophomore year for the International Baccalaureate ${ }^{\circledR}$ (IB) Career-related Programme (CP) to be eligible to earn an IB Career-related Certificate (taking a minimum of two IB Diploma courses, fulfilling

IB core requirements, and successfully completing the requirements of the Career-related field of study).

- Attend one of the informational meetings for students and parents to learn about the program and the application process.
- Review the informational materials provided by the student's counselor prior to submitting the application.
* Only schools authorized by the IB Organization can offer any of its four academic programmes: the Primary Years Programme (PYP), the Middle Years Programme (MYP), the Diploma Programme (DP), or the Career-related Programme (CP).


## ** Proviso West High School is a fully authorized IB school for the Career-related Programme.

## IB Diploma Programme Course Descriptions ${ }^{1}$

Enrollment in IB Diploma Programme courses requires admission into the IB Diploma Programme and registration as a candidate for the IB Diploma, which is a 2 -year commitment. At least three (and no more than four) IB courses must be taken at the Higher Level (HL). The default HL courses are IB Language A: Language and Literature, IB History, and IB Biology.

Individual IB Diploma Programme courses may also be taken for an IB Certificate and require the permission of the current academic course instructor, parent permission and signed acknowledgement of and adherence to the IB Diploma Programme Preliminary Academic Honesty Policy.

Except for those students exempted by state or District 209 Board of Education waiver, students must take Physical Education/Wellness courses.

Completion of the IB Diploma Programme entitles the student to Graduation with Distinction.

## IB Diploma Programme Student Plan

The chart below outlines a sample course progression and yearly requirements designed to meet IB Diploma Programme requirements.

| $11^{\text {th }}$ Grade | $12^{\text {th }}$ Grade |
| :--- | :--- |
| IH Wellness 3 or Physical Education <br> [Unless waiver is granted] | IH Wellness 4 or Physical Education <br> [Unless waiver is granted] |
|  <br> Literature 1 HL (English) |  <br> Literature 2 HL (English) |
| IB World Language 1 <br> French B SL or Spanish B SL/HL | IB World Language 2 <br> French B SL or Spanish B SL/HL |
| IB History 1 HL | IB History 2 HL |
| IB Biology 1 HL | IB Biology 2 HL |
|  <br> Interpretation - DP Year 1 or <br> IB Math: Analysis \& Approaches - <br> DP Year 1 |  <br> Interpretation - DP Year 2 or <br> DP Year 2 |

[^0]| IB Elective (Art, Economics, <br> Psychology, Physics) | MSA Math Elective |
| :--- | :--- |
| IB Theory of Knowledge (TOK) - <br> DP Year 1 | IB Theory of Knowledge (TOK) - <br> DP Year 2 |
| $[$ IB Community, Action, Service (CAS) <br> and IB Extended Essay (EE) ${ }^{2}$ | $[$ IB Community, Action, Service (CAS) <br> and IB Extended Essay (EE) $]^{5}$ |

For further information about IB and its programmes, visit http://www.ibo.org

## OneGoal ${ }^{\oplus}$

OneGoal ${ }^{\circledR}$ is a two-year program funded by a federal grant awarded to Proviso Township High School District 209. Students who elect to take this course during their junior and senior year will gain valuable insight into their future goals and complete practical coursework in preparation for postsecondary outcomes.

## Seal of Biliteracy

The Seal of Biliteracy is a recognition given to graduating senior students who demonstrate high levels of proficiency in English and another language. Students who qualify will meet the entrance requirement of two years of a foreign language and may receive up to two years of college credit in modern languages at Illinois public colleges and universities (and many private schools as well). Recipients will also gain a Seal of Biliteracy on their high school diploma and a Seal of Biliteracy notation on their high school transcript. Language scores and testing are used to determine proficiency.

[^1]
## Student Resources and Services

## College and Career Centers

The Proviso schools each have a College and Career Center (CCC) to assist students in preparing for their lives after graduation. Counselors use a variety of assessments and resources to help students identify their career interests and learning styles. All students will complete a variety of interest, career, and learning style inventories during their time in high school. Based on the results of these inventories, students will have a clearer sense of how they must prepare in high school and in postsecondary training to meet their career goals. Naviance is one of the online tools for students to research colleges and careers. The centers are equipped with computers, Internet access, software programs, and print college and career resources. Students can learn more from their respective counselor and/or the College and Career Counselor.

## The Libraries

The Proviso High School District libraries feature resources for study and research which support the informational needs of students and faculty. Through the online catalog, students can access print, digital and audio books for pleasure reading and study. Resources for research include several subscription databases which provide access to a wealth of reference materials, newspaper and magazine articles, videos, and scholarly journals. Students may use the libraries before, during, and after school. The librarians provide support for students and teachers through library orientation, database training, and lessons to support digital literacy.

## World Languages and English Learners (EL) Programs

In Proviso High School District 209, students who are taking a modern language course for the first time have the option to be tested to determine the best instructional level for their skill in that language. Students who take the placement exam have the potential to enter the language sequence at the next course level up. Language test scores at one level may allow a student to enroll in the next course level and then receive credit for the previous level course.

Proviso Township High Schools offer programs for students who receive Limited English Proficient services through the English Learners (EL) program. The EL program is designed to ensure that all students achieve their academic and linguistic potential and to graduate with an emphasis on maximizing their potential for students to contribute to a multicultural, diverse global society. Students who need educational support after graduating Proviso Township High Schools may attend a transitional program and continue their education. Questions regarding these programs and services can be directed to the building administration of the school in which the child attends.

## Specialized Services

In accordance with federal and state laws and regulations, Proviso Township High Schools provide a variety of programs for students who receive Individualized Education Plan (IEP) services. The programs offered at Proviso Township High Schools include placement in the least restrictive environment (LRE) for academic and social needs. The staff encompass many aspects of the high school environment including special education staff, speech pathologists, social workers, and school psychologists, as well as staff assigned to academic interventions. Additionally, Proviso Township High Schools offer a transitional skills program that emphasizes community training and application of life skills to prepare students for their post-secondary plans.

## Student Services

The student services teams at PTHS 209 consist of school counselors, school psychologists, and social workers. The student services teams are professional educators with a mental health perspective who understand and respond to the challenges presented by today's diverse student population. They provide proactive leadership that engages all stakeholders in the delivery of programs and services to help students achieve success in school.

Student services are an integral part of the total educational program. Practitioners align and work with the district's mission to provide opportunities for successful experiences, so that upon graduation, the student may pursue any avenue of choice.

Today's school counselors are vital members of the Career and Technical Education (CTE) team. They help all students in the areas of academic achievement, personal/social development, and career development, ensuring today's students become the productive, well-adjusted adults of tomorrow. This mission is accomplished through the design, development, implementation, and evaluation of a comprehensive, developmental, and systematic school-counseling program. School counselors guide all students through three parallel paths that lead to one destination: success. School counselors manage comprehensive programs for every student. Students and parents are encouraged to meet regularly with student service personnel as needed.

School social workers use the approach of working with relationships between people and their environment and utilizing prevention strategies and interventions designed to contribute to the overall health of the school environment. Prevention, focusing on the total wellness of the student body, and intervention, targeting those students at risk, are combined to promote a school climate that encourages all students to learn and to develop social competence. Through assessment, crisis intervention, and coordination of community services, school social workers help students, families, and school systems overcome barriers that interfere with learning.

The student services team collaborates within a system to manage the academic, social, and environmental needs of all students and families at Proviso. Student Service professionals specialize in supporting student needs.

| WHO | SERVICE | EXAMPLES |
| :---: | :---: | :---: |
| SCHOOL COUNSELORS | Each student will be assigned to a counselor for individual and group academic and socio-emotional counseling. Students and parents/ guardians are encouraged to contact their student's counselor with any questions or concerns. | - Study skills and organization <br> - Personal development <br> - Standardized Assessments <br> - Academic and 4 -year planning <br> - College credit opportunities (Dual Credit, AP, etc.) <br> - Post-secondary options including college, career, and scholarship information |
| GRADE LEVEL PRINCIPALS / ASSISTANT PRINCIPALS | Each student will be assigned a Grade Level Principal (GLP) / Assistant Principal (AP). Students will see their GLP/AP for academic purposes and student success. | - Dress Code <br> - Truancy <br> - Mediation <br> - Socioemotional Needs |
| SOCIAL WORKERS | Students will see a social worker if they are mandated through an IEP or 504 plan or would like to discuss issues outside of school. | - As assigned or needed <br> - Support for emotional needs |
| SCHOOL PSYCHOLOGISTS | Students will see a school psychologist if they need to complete academic or emotional assessments. | - Screening or testing <br> - Support for emotional needs |

## Multi-Tiered System of Supports (MTSS)

Proviso Township High Schools provides many support systems for students, including Tier 1, Tier 2, and Tier 3 academic supports. Students who are identified as needing additional support outside of the classroom setting that is not satisfied by help from the teacher are provided targeted academic interventions to supplement classroom instruction. Many of these opportunities for support are provided during the school day, during ELOS and lunch periods. Instructional Coaches and Academic Interventionists work together to support student learning and classroom instruction.

# Course Descriptions for Proviso East and Proviso West 

## APPLIED TECHNOLOGY

The Applied Technology Department provides opportunities for students to engage in hands-on experiences as preparation for specific careers in the automotive and metals fields. Applied Technology courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\#}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Automotive Service |  | x | x |  | 1.0 | Foundations of Technology |
| Automotive Mechanics - <br> Comprehensive |  |  | x | x | 2.0 | Automotive Service |
| Emerging Technologies |  |  |  | x | 1.0 | Automotive Mechanics - Comprehensive <br> OR Mastery of Metals - CNC Design |
| Foundations of Technology | x | x |  |  |  | None |
|  <br> Lathe |  | x | x |  | 1.0 | Foundations of Technology |
| Mastery of Metals - CNC Design |  |  | x | x | 1.0 | Mastery of Metals - Manual Mill \& Lathe |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## Automotive Mechanics - Comprehensive

Grade: 11-12
Length: 2 semesters (double period)
Credit: 2.0
Prerequisite: Automotive Service
State Course Code: 20104A002
Proviso Course Code: TEC113104
Automotive Mechanics - Comprehensive is a continuation of and builds on the skills and concepts introduced in Automotive Service. This course includes instructional units in alternative fuel systems, computerized diagnostics,
new vehicle servicing, automotive heating and air conditioning, transmissions, testing and diagnostics, drive train, and overall automobile performance.

## Automotive Service

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: Foundations of Technology
State Course Code: 20104A001
Proviso Course Code: TEC113106
This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust, and emission control, steering and suspension, fuel systems, cooling system, braking, and power train.

## Emerging Technologies

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Automotive Mechanics - Comprehensive or Mastery of Metals - CNC Design
State Course Code: 21053A001
Proviso Course Code: TEC113053
This course employs teaching and learning strategies that enable students to build their own understanding of new ideas. It is designed to engage students in exploring and deepening their understanding of "big ideas" regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use, and apply technology in the areas of engineering, design, and manufacturing.

## Foundations of Technology

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21052A001
Proviso Course Code: TEC109056
The course employs teaching and learning strategies that enable students to build their own understanding of new ideas. It is designed to engage students in exploring and deepening their understanding of "big ideas" regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use, and apply technology in the areas of engineering design and manufacturing.

## Mastery of Metals - CNC Design (West only)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Mastery of Metal - Manual Mill \& Lathe
State Course Code: 13203A002
Proviso Course Code: TEC113210
In Mastery of Metal - CNC Design, students prepare for entry level jobs in manufacturing. This course features instruction in advanced and complex manual machine set-ups. Basic programming is used to produce CNC parts.

Students also use advanced inspection equipment to check tolerances for final products. Students have the opportunity to apply these skills to attain industry recognized NIMS credentials in this course.

## Mastery of Metals - Manual Mill \& Lathe (West only)

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: Foundations of Technology
State Course Code: 13203A001
Proviso Course Code: TEC113202
In this course, students study safe operation of basic metalworking machines including engine lathes, vertical mills, precision surface grinders, and band saws. Students also explore basic setup and operation of CNC lathes and mills. Students learn to read precision measuring tools and basic mechanical prints to produce metalwork projects. Students have the opportunity to apply these skills to attain industry recognized NIMS credentials in this course.


ART
The Art Department provides opportunities for students to engage in art experiences as preparation for creative careers and responsible citizenship. Art courses cultivate students' ability to think, collaborate, and problemsolve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Advanced Studio Art |  |  | X | X | $\mathbf{1 . 0}$ | At least 2 Art credits or Teacher <br> Recommendation |
| Art Foundations | X | X | X |  | 1.0 | None |
| AP Drawing |  |  | X | X | 1.0 | Drawing \& Painting or Teacher <br> Recommendation |
| AP 2-D Art \& Design |  |  | X | X | 1.0 | Drawing \& Painting, Digital Imaging, or <br> Teacher Recommendation |
| AP 3-D Art \& Design |  |  | X | X | 1.0 | 3-D Sculpture or Teacher Recommendation |
| Ceramics |  | X | X | X | 1.0 | Art Foundations |
| Digital Imaging |  |  | X | X | 1.0 | Digital Photography |
| Digital Photography |  | X | X | X | 1.0 | Art Foundations |
| Drawing \& Painting |  | X | X | X | 1.0 | Art Foundations |
| 3-D Sculpture |  |  | X | X | 1.0 | Ceramics |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## 3-D Sculpture

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Ceramics
State Course Code: 55158A000
Proviso Course Code: ART113158
This course provides students with an exploration of traditional and non-traditional sculptural tools and materials. The study of 3-D artists and the history of three-dimensional art are also main components of this course.

## Advanced Studio Art

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: At least 2 Art credits or Teacher Recommendation
State Course Code: 05170A000
Proviso Course Code: ART113170
This course is designed for the serious artist who is creating a personalized body of work. The student's collection of artwork may be used in preparation for AP Drawing, AP 2-D Art \& Design, and AP 3-D Art \& Design.

## AP ${ }^{\circledR}$ 2-D Art \& Design

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Drawing \& Painting, Digital Imaging, or Teacher Recommendation
State Course Code: 05174A000
Proviso Course Code: ART313174

Designed for students with a serious interest in art, the $A P^{\circledR}$ 2-D Art \& Design course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, this course typically emphasizes quality of work, attention to and exploration of a visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP ${ }^{\circledR}$ 2-D Art \& Design evaluations require submission of artwork exemplifying talent in drawing, painting, photography, or digital design. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ 3-D Art \& Design

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: 3-D Sculpture or Teacher Recommendation
State Course Code: 05175A000
Proviso Course Code: ART313175
Designed for students with a serious interest in art, the AP ${ }^{\circledR}$ 3-D Art \& Design course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, this course typically emphasizes quality of work, attention to and exploration of a visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP ${ }^{\circledR}$ 3-D Art \& Design evaluations require submission of artwork exemplifying talent in ceramics or 3-D design. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Drawing

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Drawing \& Painting or Teacher Recommendation
State Course Code: 05172A000
Proviso Course Code: ART313172
Designed for students with a serious interest in art, the $A P^{\circledR}$ Drawing course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP ${ }^{\circledR}$ evaluation, this course typically emphasizes quality of work, attention to and exploration of a visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP ${ }^{\circledR}$ Drawing evaluations require submission of artwork exemplifying talent in drawing. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Art Foundations

Grade: 9-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05154A000
Proviso Course Code: ART113199
This course provides students with the knowledge and opportunity to explore an art form and to create individual personalized works of art. This course may also provide a discussion and exploration of career opportunities in the art world. Content includes the language, materials, processes and design elements and principles supporting a work of art. Students focus on the creation of art and may also study major artists, art movements, contemporary themes, and styles of art.

## Ceramics

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Art Foundations
State Course Code: 05159A000
Proviso Course Code: ART113159
Ceramics focuses on creating three-dimensional works out of clay and ceramic material using hand-building techniques. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects. Students explore various artists, themes, movements, and styles of ceramic art in this course.

## Digital Imaging

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Digital Photography
State Course Code: 05251A000
Proviso Course Code: ART113251
This class builds on students' knowledge of tools, techniques, and processes of video and digital photography. Students create and edit their own photos and videos using digital editing software. They view and critique their own work as well as professional artists' work. In this course, students consider how media affects their lives.

## Digital Photography

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Art Foundations
State Course Code: 05167A000
Proviso Course Code: ART113167
This course exposes students to the materials, processes, and artistic techniques of taking artistic photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, and camera angles. They explore the elements of photography and study composition. This course covers major photographers, art movements, and styles. Students learn to manipulate their photographs in creative ways using computergenerated photo-editing programs.

## Drawing \& Painting

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Art Foundations
State Course Code: 05155A000
Proviso Course Code: ART113155
This course focuses on drawing and painting techniques with special emphasis on two-dimensional work. Students typically work with various media such as pencil, chalk, watercolor, tempera, acrylics, etc. to create personalized artwork. They explore various artists, art movements, contemporary themes, and styles of drawing and painting.

East \& West Art Course Progression SY23/24


## BUSINESS

The Business Department provides opportunities for students to engage in relevant job-related experiences as preparation for specific careers in the business field. Business courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\#}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Consumer Education |  |  | x | x | $\mathbf{0 . 5}$ | None |
| Digital Literacy \& Software <br> Applications | x | x | x |  | 1.0 | None |
| Web Design \& Media <br> Development 1 |  | x | x | x | 1.0 | Any introductory level Computer Technology <br> course |
| Web Design \& Media <br> Development 2 |  |  | x | x | 1.0 | Web Design \& Media Development 1 |
| Business Communications |  | x | x |  | 1.0 | None |
| Accounting 1 |  |  | x | x | 1.0 | Business Communications |
| Entrepreneurship |  |  | x | x | 1.0 | None |
| Accounting 2 |  |  |  | x | 1.0 | Accounting 1 |
| Business Law |  | x | x | 0.5 | Introductory level Business course |  |
| Sports \& Entertainment <br> Marketing |  |  | x | 0.5 | Introductory level Business course |  |
| Engineering \& Technology <br> - Workplace Experience |  |  | x | 1.0 | Any sequence of two Business courses |  |
| Work-Based Learning <br> (WBL) - Business |  |  | x | x | 1.0 | Any sequence of two Business courses |
| IB Personal \& Professional <br> Skills 1 (West only) |  |  | x |  | 1.0 | Application to the IB Career-related Programme |
| IB Personal \& Professional <br> Skills 2 (West only) |  |  | x | 1.0 | IB Personal \& Professional Skills 1 |  |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## Accounting 1

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Business Communications
State Course Code: 12104A001
Proviso Course Code: BUS113104
Accounting 1 assists students pursuing a career in business, marketing, and management. Students develop basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to give assistance to management for decision making.

## Accounting 2

Grade: 12

Length: 2 semesters
Credit: 1.0
Prerequisite: Accounting 1
State Course Code: 12104A001
Proviso Course Code: BUS113105
Accounting 2 expands on the fundamental accounting principles and procedures used in businesses, gained in Accounting 1. This course assists students pursuing a career in business, marketing, and management. Accounting computer applications are integrated throughout the course where applicable. In addition to stressing fundamentals and terminology of accounting, instruction should provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Processing employee benefits may also be included.

## Business Communications

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 12009A001
Proviso Course Code: BUS113009
Business Communications helps students to develop an understanding and appreciation for effective communication in business situations and environments. Emphasis is placed on all phases of communication: speaking, listening, thinking, responding, reading, writing, communicating nonverbally, and utilizing technology for communication. Business communication functions, processes, and applications in the context of business may be practiced in this course through problem-based projects and real-world application.

## Business Law

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Introductory level Business course
State Course Code: 12054A001
Proviso Course Code: BUS113164
This course introduces students to the law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops an understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment; and includes contractual responsibility, protection of individual rights in legal relationships relative to warranties, product liability, secured and unsecured debts, negotiable instruments, agencies, employer-employee relations, property ownership and transfer, landlord and tenant, wills and estates, community property, social security, and taxation.

## Consumer Education

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: None
State Course Code: 22210A000
Proviso Course Code: BUS113262
Consumer Education provides students with an understanding of the concepts and principals involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social
security, spending patterns and budget planning, contracts, and consumer protection. This course may also provide an overview of the American economy. (Note: Consumer Education will be phased out by the 20252026 school year as a stand-alone course and will be satisfied in Civics or AP® US Government \& Politics.)

## Digital Literacy \& Software Applications

Grade: 9-11 or Permission of Administration
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 10008A001
Proviso Course Code: BUS113151
This foundation-level course prepares students to use technology in a proficient and responsible manner in school, in the workforce, and in everyday life. The goal of the course is to teach and assess basic computer concepts and skills so that students can use computer technology in everyday life to develop new social and economic opportunities for themselves, their families, and their communities. Topics include appropriate and responsible use of technology, computer basics, understanding and navigating the web, security, privacy, collaboration, evaluating content, legal and ethical issues, digital citizenship, productivity tools, word processing, spreadsheets, database management, desktop publishing, and careers. Students may be provided with the opportunity to seek industry-recognized digital literacy certifications.

## Engineering \& Technology - Workplace Experience

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Any sequence of two Business courses
State Course Code: 21998A000
Proviso Course Code: BUS112998
Engineering \& Technology - Workplace Experience is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on job survival and career exploration skills related to the workforce and improving students' abilities to interact positively with others. The course content includes further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics, organizations, and job termination. A qualified CTE coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student, and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

## Entrepreneurship

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 12053A001
Proviso Course Code: BUS113053
Entrepreneurship acquaints students to the knowledge and skills necessary to own and operate their own businesses. Topics from several fields typically form the course content: economics, marketing principles, human relations and psychology, business and labor law, legal rights and responsibilities of ownership,
business and financial planning, finance and accounting, and communication. Several topics surveyed in Business Management courses may also be included.

## IB Personal \& Professional Skills 1 (West only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Application to the IB Career-related Programme
State Course Code: 22113A000
Proviso Course Code: BUS411113
IB Personal and Professional Skills is a required component of the International Baccalaureate's Career-related program. Intended to develop attitudes, skills and strategies applicable to both personal and professional situations, these courses emphasize personal growth and development, interpersonal skills, intercultural understanding, and the use of ethics. IB Persona and Professional Skills courses are linked to students' careerrelated studies and may include work-based experiences.

## IB Personal \& Professional Skills $\mathbf{2}$ (West only)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Personal \& Professional Skills 1
State Course Code: 22113A000
Proviso Course Code: BUS412114
IB Personal \& Professional Skills 2 is a required component of the International Baccalaureate's Career-related program. Intended to develop attitudes, skills and strategies applicable to both personal and professional situations, these courses emphasize personal growth and development, interpersonal skills, intercultural understanding, and the use of ethics. IB Persona and Professional Skills courses are linked to students' careerrelated studies and may include work-based experiences.

## Sports \& Entertainment Marketing

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: Introductory level Business course
State Course Code: 12163A000
Proviso Course Code: BUS112163
Sports and Entertainment Marketing courses introduce students to and help them refine marketing and management functions and tasks that can be applied in amateur or professional sports or sporting events, entertainment or entertainment events, and the sales or rental of supplies and equipment.

## Web Design \& Media Development 1

Grade: 10-12
Length: 2 Semesters
Credit: 1.0
Prerequisite: Any introductory-level Computer Technology course
State Course Code: 10201A001
Proviso Course Code: BUS113254
Web Design \& Media Development 1 is designed to prepare students to plan, design, create and maintain web pages and sites. Students will learn the fundamentals of web page design using HTML, HTML editors, and
graphic editors as well as programming tools such as JavaScript. Students will work in a project-based environment to create a working website. Students will learn to create pages, add hyperlinks, make tables and frames, create forms, integrate images, and set styles. Students will use image-editing programs to manipulate scanned images, computer graphics, and original artwork. Instruction will include creating graphical headers, interactive menus and buttons, and visually appealing backgrounds. Students will use hardware and software to capture, edit, create, and compress audio and video clips.

## Web Design \& Media Development 2

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Web Design \& Media Development 1
State Course Code: 10201A002
Proviso Course Code: BUS113264
Web Page \& Interactive Media Development 2 is for students who have completed Web Page \& Interactive Media Development I. Instruction will include using multimedia authoring applications and programming tools such as JavaScript to create a web site that combines text, hyperlinks, images, video, and sound. Instruction will include using hardware and software to capture, edit, create, and compress audio and video clips as well as create animated text, graphics, and images. Other topics will include using tables to align images with text, creating newspaper-style columns, and inserting side menus and call-outs. Students will learn how to use templates, cascading style sheets and interactive elements to enhance web pages. Students will learn to create dynamic forms that include multiple-choice questions, comment boxes, and buttons. Students will learn how to connect to a database and retrieve and write data. Students are encouraged to develop a portfolio project that demonstrates their expertise in areas such as multimedia authoring, web development, audio and video editing, and advanced JavaScript applications to create interactive web pages.

## Work-Based Learning (WBL) - Business

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Any sequence of two Business courses
State Course Code: 12998A000
Proviso Course Code: BUS113998
This course provides students with work experience in fields related to business and marketing. Goals are typically set cooperatively by the student, teacher, and employer. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

East \& West Business Course Progression SY23/24


## Engineering and Technology

The Engineering and Technology Department provides opportunities for students to engage in hands-on experiences as preparation for specific careers in the engineering and technology fields. Engineering and Technology courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | $\mathbf{1 . 0}$ | Prerequisite $^{\text {P }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Introduction to Engineering <br> Design | x | x | x | x | 1.0 | Integrated Math 1 (can be taken concurrently) or <br> Algebra |
| Introduction to Engineering <br> Design (PLTW) | x | x | x | x | 1.0 | Integrated Math 1 (can be taken concurrently) or <br> Algebra |
| Principles of Engineering <br> (PLTW) |  | x | x | x | 1.0 | Integrated Math 1 (can be taken concurrently) or <br> Introduction to Engineering Design |
|  <br> Development (PLTW) |  |  |  | x | x | 1.0 |
| Advanced Concepts in <br> Computer Science | x | x | 1.0 | Introduction to Engineering Design, Principles of <br> Engineering, or Computer Integrated <br> Manufacturing |  |  |
| Aerospace Engineering <br> (PLTW) |  | x | x | 1.0 | AP Computer Science Principles or AP Computer <br> Science A |  |
| Computer Integrated <br> Mancoduction to Engineering Design or Principles of |  |  |  |  |  |  |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## Advanced Concepts in Computer Science

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: AP Computer Science Principles or AP Computer Science A
State Course Code: 10160A001
Proviso Course Code: NGI113302
Advanced Concepts in Computer Science introduces students to the areas of Artificial Intelligence, Cybersecurity and Gaming. This course will review the current and evolution of the technology in each area, then students develop introductory technologies for each topic. Students select an area to study further designing, developing applications, building appropriate systems to explore future applications. Artificial Intelligence covers the concepts of machine learning, natural language processing, expert systems, and robotics. Cybersecurity lays a foundation of understanding cyber law and policy. Students study Linux, networking technology basics, risk assessment, cryptography, and a variety of cybersecurity tools. Gaming covers the concepts of the creative and technical art form. In this area students focus on the tools and practices of game development. Students begin to develop their own videogames using the industry standard game development tools including Virtual Reality.

## Aerospace Engineering (PLTW)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21019A000
Proviso Course Code: NGI113019

This course propels students' learning in the fundamentals of atmospheric and space flight. As students explore the physics of flight, they bring the concepts to life by designing an airfoil, propulsion system, and rockets. Students learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

## Computer Integrated Manufacturing (PLTW)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Introduction to Engineering Design or Principles of Engineering
State Course Code: 21010A001
Proviso Course Code: NGI113022
Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation. In this course, students can earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

## Engineering Design \& Development (PLTW)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Introduction to Engineering Design, Principles of Engineering, or Computer Integrated Manufacturing State Course Code: 21007A002
Proviso Course Code: NGI112017
The knowledge and skills students acquire throughout PLTW Engineering come together in Engineering Design \& Development as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards and upon completion of this course, are prepared for post-secondary programs or careers in Engineering.

## Introduction to Engineering Design

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 (can be taken simultaneously) or Algebra
State Course Code: 21006A001
Proviso Course Code: NGI113006
In this course, students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and on teams to design solutions to a variety of problems using 3-D modeling software and use an engineering notebook to document their work.

## Introduction to Engineering Design (PLTW)

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 (can be taken simultaneously) or Algebra
State Course Code: 21017A000

Proviso Course Code: NGI113017
This course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software.

## Principles of Engineering (PLTW)

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 (can be taken simultaneously) or Introduction to Engineering Design State Course Code: 21004A001

Proviso Course Code: NGI113049
This course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. This course also includes concerns about social and political consequences of technological change.

East \& West Engineering \& Technology Course Progression SY23/24

$A P=$ Advanced Placement $\quad / B=$ International Baccalaureate $\quad 1 H=$ international Honors
Proviso Township High Schools District 209

## English

4 credits are required which must include English 1, English 2, English 3, and English 4 or equivalents. Equivalents include AP Language \& Composition, AP Literature \& Composition, American Studies Honors, Bridging, and College Reading and Writing.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English 1 Honors | X |  |  |  | 1.0 | None (Students will be placed by Test Score or Teacher Recommendation.) |
| English 1** | X |  |  |  | 1.0 | None |
| English 1 Instructional** | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| English 1 Bridging | X |  |  |  | 1.0 | None (English Learners will be placed based on ACCESS/ WIDA Screener scores.) |
| English 1 EL | X |  |  |  | 1.0 | None (English Learners will be placed based on ACCESS/ WIDA Screener scores) |
| English 2 Honors** |  | X |  |  | 1.0 | English 1 Honors or Teacher Recommendation |
| English 2** |  | X |  |  | 1.0 | English 1 or equivalent |
| English 2 Instructional |  | X |  |  | 1.0 | English 1 Instructional or equivalent |
| English 2 Bridging |  | X |  |  | 1.0 | English 1 Bridging or equivalent |
| English 2 EL |  | X |  |  | 1.0 | English 1 EL or equivalent |
| English 3 Honors** |  |  | X |  | 1.0 | English 2 Honors or Teacher Recommendation |
| English 3** |  |  | X |  | 1.0 | English 2 or equivalent |
| English 3 Instructional |  |  | X |  | 1.0 | English 2 Instructional or equivalent |
| English 3 Bridging |  |  | X |  | 1.0 | English 2 Bridging or equivalent |
| English 3 EL |  |  | X |  | 1.0 | English 2 EL or equivalent |
| English 4 Honors** |  |  |  | X | 1.0 | English 3 Honors or Teacher Recommendation |
| English 4** |  |  |  | X | 1.0 | English 3 or equivalent |
| English 4 Instructional |  |  |  | X | 1.0 | English 3 Instructional or equivalent |
| English 4 Bridging |  |  |  | X | 1.0 | English 3 Bridging or equivalent |
| English 4 EL |  |  |  | X | 1.0 | English 3 EL or equivalent |
| EL Foundations^ | X | X | X | X | 1.0 | New to the country. (English Learners will be placed based on ACCESS/ WIDA Screener scores.) |
| AP English Language \& Composition |  |  | X | X | 1.0 | At least 2.0 English credits |
| AP English Literature \& Composition |  |  |  | X | 1.0 | At least 3.0 English credits or Admin Approval |
| College Reading and Writing (CRW) |  |  |  | X | 1.0 | 3.0 English credits and Teacher Recommendation |
| IB Language A: Language \& Literature - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Language A: Language \& Literature - DP Year 2 |  |  |  | X | 1.0 | IB Language A: Language \& Literature - DP Year 1 |
| Film as Humanities* | X | X | X | X | 0.5 | English 1 or equivalent is recommended. |
| Journalism* | X | X | X | X | 0.5 | English 1 or equivalent is recommended. |


| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Learning Strategies** | X | X | X | X | 1.0 | Alignment to IEP and ACCESS/WIDA Screener Placement (Elective credit only) |
| Multicultural Literature* |  | X | X | X | 0.5 | English 1 or equivalent |
| Public Speaking ${ }^{\# \# *}$ | X | X | X | X | 0.5 | English 1 or equivalent is recommended. |
| Reading 1* | X |  |  |  | 1.0 | Placement by Assessment Measures |
| Reading 2* |  | X |  |  | 1.0 | Placement by Assessment Measures |
| Strategic Reading* | X | X | X | X | 1.0 | Placement Test Score |

\# Prerequisite courses must be completed with a passing grade.
\#\# This course may offer the opportunity to earn Dual Credit.

* Students earn elective credit for this course in concurrence with the required English course or equivalent.
** Transitional EL students will be placed by ACCESS/WIDA Screener scores
+ Includes 1.0 Social Studies credit (double period)
${ }^{\wedge}$ New to the country / Meets the English 1 graduation required credit


## Course Descriptions (in alphabetical order)

## AP English Language \& Composition

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: At least 2.0 English credits
State Course Code: 01005A000
Proviso Course Code: ENG313005
In AP ${ }^{\circledR}$ English Language \& Composition, students examine prose and its rhetorical effect and intent so they can focus on a study of style (tone, diction, syntactical, and rhetorical devices). They also study other literary aspects such as figurative language, sound devices, prosody, form, and structure. This course prepares students for the AP ${ }^{\circledR}$ examination which offers college credit if they score a specific level on the AP ${ }^{\circledR}$ test. This is a fast-paced course that focuses on nonfiction and composition. All students enrolled in this course are required to take the AP ${ }^{\circledR}$ exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP English Literature \& Composition

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: At least 3.0 English credits or Admin Approval
State Course Code: 01006A000
Proviso Course Code: ENG312006
In $\mathrm{AP}^{\circledR}$ English Literature \& Composition, students study literature from various periods and use their broad reading background in discussions of literary topics. Students engage in close reading of selected texts to deepen their understanding of the ways writers use language to provide both meaning and pleasure for the readers. It is a fastpaced course that covers a great number of novels, short stories, poetry, dramas, and expository prose. Students will be responsible for developing the ability to analyze imagery, symbolism, and tone in analytical writing. This course prepares students for the $A P^{\circledR}$ exam which offers college credit if they score a specific level on the test. All students enrolled in this course are required to take the $A P^{\circledR}$ exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## College Reading and Writing (CRW)

Grade: 12
Length: 2 semesters

Credit: 1.0
Prerequisite: 3.0 English credits and Teacher Recommendation
State Course Code: 01004A001
Proviso Course Code: ENG112102
This course is designed to introduce students to the conventions of academic writing and critical thinking to prepare for the rigor of college rhetoric coursework. In this writing-intensive course, students read, analyze, discuss and critically respond to nonfiction texts centered around themes, critical issues, and larger ideas. Students write in a variety of modes, both formal and informal, for a variety of audiences, developing a sense of personal style and an ability to analyze arguments and synthesize information. A grade of C or better both semesters will exempt students from taking the English placement exam with Triton College.

## EL Foundations

Grade: 9-12
Length: 2 semesters
Credit: 1.0 (This course meets the English 1 graduation required credit.)
Prerequisite: New to the country. (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5 or below.)
State Course Code: 01008A000
Proviso Course Code: ENG813017
EL Foundations is a course for English Learners new to the country will concentrate on acquiring high frequency academic vocabulary, developing reading strategies and fluency, and phonics skills, responding to literary passages from various genres, writing simple sentences across the curriculum, and practicing grammar. Content and standards in this course will be embedded with high linguistic supports that provide a foundation of the basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles, to succeed in content classrooms, and to move into English 1, 2, 3, or 4 EL . This course is also inclusive of an orientation to the customs and culture of the diverse population in the United States.

## English 1 Honors

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test Score or Teacher Recommendation
State Course Code: 01001A000
Proviso Course Code: ENG209001
English 1 Honors demands analysis and higher order thinking skills through a rigorous selection of texts. It provides a strong foundation for students who desire to perform successfully in Advanced Placement (AP) courses. The course content includes in-depth writing assignments, critical thinking development, literary analysis of complex texts, and speaking skills development. English 1 Honors offers components of literature, composition, and research as in English 1 with more depth and at a faster pace. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 1

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 01001A000
Proviso Course Code: ENG109001

English 1 is a foundational English course for freshmen, focusing on the integration of reading, writing, speaking, and listening skills. Students learn to read for both appreciation and meaning while striving to become critical and creative thinkers. This course emphasizes the stretching of reading Lexile levels so that students are successful at reading a variety of texts, conducting research, and composing essays. Students examine the types of literature, including the short story, nonfiction, poetry, novel, and drama; complete research projects, utilizing technology and various resources; practice oral skills through presentations; and write well-developed compositions in narrative, argumentative, expository, and creative formats. Grammar, usage, and vocabulary development are embedded in course content through a variety of writing tasks. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 1 Instructional

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None (Diverse Learners will be placed based upon alignment to their IEP.)
State Course Code: 01001A000
Proviso Course Code: ENG709001
English 1 Instructional is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 1 Instructional is a foundational English course for freshmen, focusing on the integration of reading, writing, speaking, and listening skills. Students learn to read for both appreciation and meaning while striving to become critical and creative thinkers. This course emphasizes the stretching of reading Lexile levels so that students are successful at reading a variety of texts, conducting research, and composing essays. Students examine the types of literature, including the short story, nonfiction, poetry, novel, and drama; complete research projects, utilizing technology and various resources; practice oral skills through presentations; and write well-developed compositions in narrative, argumentative, expository, and creative formats. Grammar, usage, and vocabulary development are embedded in course content through a variety of writing tasks. This course includes low linguistic supports for transitional EL/DL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 1 Bridging

Grade: 9
Length: 2 semesters
Credit: 1.0 (This course meets the English 1 graduation required credit.)
Prerequisite: None (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)
State Course Code: 01008A000
Proviso Course Code: ENG809013
English 1 Bridging is a $9^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course begins with extensive listening and speaking practice, building on auditory and oral skills, and then move on to reading and writing. Content and standards are aligned to general education English 1 with embedded moderate linguistic supports, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles, to succeed in content classrooms, and to move into general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## English 1 EL

Grade: 9
Length: 2 semesters
Credit: 1.0 (This course meets the English 1 graduation required credit.)

Prerequisite: None (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)
State Course Code: 01008A000
Proviso Course Code: ENG809001
English 1 EL is a $9^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course begins with extensive listening and speaking practice, building on auditory and oral skills, and then progress to reading and writing. Content and standards are aligned to general-education English 1 course with embedded high linguistic supports that provide a foundation of the basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles, to succeed in content classrooms, and to move into Bridging or general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## English 2 Honors

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: English 1 Honors or Teacher Recommendation
State Course Code: 01002A000
Proviso Course Code: ENG210002
English 2 Honors is a rigorous academic course that includes the following: (1) a variety of expository multiparagraph writings, the study of formal outlining and bibliography preparation, the construction of a brief formal documented research paper using the MLA/APA Writing Style with an outline and bibliography, and the writing of expository, narrative, persuasive, and impromptu themes; (2) extensive study of usage, sentence structure, and style; (3) improvement of reading skills with emphasis upon discovering meaning through context while citing text; and (4) the study of approaches to literature: the study of literary style, the study of drama as literature, and readings of acknowledged literary value. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of $4.8+$ on ACCESS or $5.0+$ on the WIDA Screener).

## English 2

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: English 1 or equivalent
State Course Code: 01002A000
Proviso Course Code: ENG110002
English 2 is a full-year course that employs a thematic approach to literature including contemporary and traditional novels. Through the study of various genres of literature, students develop skills to determine the author's intent and theme and recognize the techniques used by authors to deliver their message. Students write argumentative, narrative, and expository compositions. Emphasis is placed upon grammar and mechanics as well as reading skills. Students are expected to complete a research paper during the second semester. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of $4.8+$ on ACCESS or $5.0+$ on the WIDA Screener).

## English 2 Instructional

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: English 1 Instructional
State Course Code: 01002A000

Proviso Course Code: ENG710002
English 2 Instructional is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. This is a full-year course that employs a thematic approach to literature including contemporary and traditional novels. Through the study of various genres of literature, students develop skills to determine the author's intent and theme and recognize the techniques used by authors to deliver their message. Students write argumentative, narrative, and expository compositions. Emphasis is placed upon grammar and mechanics as well as reading skills. Students are expected to complete a research paper during the second semester. This course includes low linguistic supports for transitional EL/DL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 2 Bridging

Grade: 10
Length: 2 semesters
Credit: 1.0 (This course meets the English 2 graduation required credit.)
Prerequisite: English 1 Bridging (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)
State Course Code: 01008A000
Proviso Course Code: ENG810014
English 2 Bridging is a $10^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 1 Bridging. Content and standards are aligned to general education English 2 courses with embedded moderate linguistic supports that focus on developing intermediate skills of the English language to succeed in content classrooms and to move into general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## English 2 EL

Grade: 10
Length: 2 semesters
Credit: 1.0 (This course meets the English 2 graduation required credit.)
Prerequisite: English 1 EL (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)
State Course Code: 01008A000
Proviso Course Code: ENG810002
English 2 EL is a $10^{\text {th }}$ grade course is designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 1 EL. Content and standards are aligned to general education English 2 courses with embedded high linguistic supports that focus on developing intermediate skills of the English language to succeed in content classrooms and to move into Bridging or general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## English 3 Honors

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: English 2 Honors or Teacher Recommendation
State Course Code: 01003A000
Proviso Course Code: ENG211003
English 3 Honors is a required junior-level course designed to introduce students to American literature with greater depth and at a faster pace than English 3. Students explore a variety of literature while answering essential questions that provide a framework for relating the literature to their worlds. Enrichment opportunities are provided to students to prepare them for college level reading and writing through increased exposure to literature
and more authentic writing and speaking assessments throughout the year. Units of study are divided into the following time periods: early America, the $18^{\text {th }}$ Century, the early $19^{\text {th }}$ Century, early $20^{\text {th }}$ Century, and the latter part of the $20^{\text {th }}$ Century. Students in this course are introduced to a variety of literary selections that will assist them in transitioning to the collegiate level. Students use literature to enhance their analytical and critical thinking skills. They learn the techniques of writing through the study of literature and practice the use of literary devices, clear and concise writing patterns, and appropriate syntax and diction. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 3

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: English 2 or equivalent
State Course Code: 01003A000
Proviso Course Code: ENG111003
English 3 is a required junior-level course designed to introduce students to American literature. Students explore a variety of literature while answering essential questions that provide a framework for relating the literature to their worlds. Units of study are divided into the following time periods: early America, the $18^{\text {th }}$ Century, the early $19^{\text {th }}$ Century, early $20^{\text {th }}$ Century, and the latter part of the $20^{\text {th }}$ Century. Students in this course are introduced to a variety of literary selections which will assist them in transitioning to the collegiate level. Students use literature to enhance their analytical and critical thinking skills. They learn the techniques of writing through the study of literature and practice the use of literary devices, clear and concise writing patterns, and appropriate syntax and diction. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 3 Instructional

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: English 2 Instructional
State Course Code: 01003A000
Proviso Course Code: ENG711003
English 3 Instructional is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. This is a required junior-level course designed to introduce students to American literature. Students explore a variety of literature while answering essential questions that provide a framework for relating the literature to their worlds. Units of study are divided into the following time periods: early America, the $18^{\text {th }}$ Century, the early $19^{\text {th }}$ Century, early $20^{\text {th }}$ Century, and the latter part of the $20^{\text {th }}$ Century. Students are introduced to a variety of literary selections which will assist them in transitioning to the collegiate level. Students use literature to enhance their analytical and critical thinking skills. They learn the techniques of writing through the study of literature and practice the use of literary devices, clear and concise writing patterns, and appropriate syntax and diction. This course includes low linguistic supports for transitional EL/DL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 3 Bridging

Grade: 11
Length: 2 semesters
Credit: 1.0 (This course meets the English 3 graduation required credit.)
Prerequisite: English 2 Bridging (Placement based on ACCESS/WIDA Screener English language proficiency
assessment composite scores of 3.5-4.7.)
State Course Code: 01008A000
Proviso Course Code: ENG811015

English 3 Bridging is an $11^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 2 Bridging. Content and standards are aligned to general education English 3 courses with embedded moderate linguistic supports that focus on developing more advanced skills of the English language to succeed in content classrooms and to move into Bridging or general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative in the United States.

## English 3 EL

Grade: 11
Length: 2 semesters
Credit: 1.0 (This course meets the English 3 graduation required credit.)
Prerequisite: English 2 EL (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)
State Course Code: 01008A000
Proviso Course Code: ENG811003
English 3 EL is an $11^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 2 EL. Content and standards are aligned to general education English 3 courses with embedded high linguistic supports that focus on developing more advanced skills of the English language to succeed in content classrooms and to move into Bridging or general education English courses. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative in the United States.

## English 4 Honors

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: English 3 Honors or Teacher Recommendation
State Course Code: 01004A000
Proviso Course Code: ENG212004
English 4 Honors is a senior level course designed to provide students with a foundation for further literary study at greater depth and at a faster pace than English 4. Preparing students to be both career and college ready, this indepth survey course requires students to write critical and comparative analyses through novels, poetry, drama, film, and real-world applications. Enrichment opportunities are provided to students to prepare them for college level writing through research. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 4

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: English 3 or equivalent
State Course Code: 01004A000
Proviso Course Code: ENG112004
English 4 is a senior level course designed to provide students with a foundation for further literary study at the collegiate level. Preparing students to be both career and college ready, this in-depth survey course requires students to write critical and comparative analyses through novels, poetry, drama, and film and real-world applications. Enrichment opportunities are provided to students to prepare them for college level writing through research. This course includes low linguistic supports for transitional EL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 4 Instructional

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: English 3 Instructional
State Course Code: 01004A000
Proviso Course Code: ENG712004
English 4 Instructional is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. This course is a senior level course designed to provide students with a foundation for further literary study at the collegiate level. Preparing students to be both career and college ready, this in-depth survey course requires students to write critical and comparative analyses through novels, poetry, drama, and film and real-world applications. Enrichment opportunities are provided to students to prepare them for college level writing through research. This course includes low linguistic supports for transitional EL/DL students who have met the ISBE benchmarks for English proficiency (Composite score of 4.8+ on ACCESS or 5.0+ on the WIDA Screener).

## English 4 Bridging

Grade: 12
Length: 2 semesters
Credit: 1.0 (This course meets the English 4 graduation required credit.)
Prerequisite: English 3 Bridging (Placement based on ACCESS/WIDA Screener English language proficiency
assessment composite scores of 3.5-4.7.)
State Course Code: 01008A000
Proviso Course Code: ENG812016
English 4 Bridging is a $12^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 3 Bridging. Content and standards are aligned to general education English 3 courses with embedded high linguistic supports that focus on developing more advanced skills of the English language to be college and career ready. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## English 4 EL

Grade: 12
Length: 2 semesters
Credit: 1.0 (This course meets the English 4 graduation required credit.)
Prerequisite: English 3 EL (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)
State Course Code: 01008A000
Proviso Course Code: ENG812004
English 4 EL is a $12^{\text {th }}$ grade course designed for English language acquisition, focusing on reading, writing, speaking, and listening skills. This course builds on the listening, speaking, reading, and writing skills from English 3 EL. Content and standards are aligned to general education English 4 courses with embedded high linguistic supports that focus on developing more advanced skills of the English language to be college and career ready. This course is also inclusive of culturally relevant texts representative of the diverse customs and cultures representative of a global society.

## Film as Humanities

Grade: 9-12
Length: 1 semester
Credit: 0.5
Prerequisite: English 1 or equivalent is recommended. / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 01155A000

Proviso Course Code: ENG613203
This course offers an introduction to the film medium with emphasis on aesthetics, theory, and methods of critical analysis. Students examine film as an art form, as a medium for communicating ideas, and as a social and cultural force. This course focuses on film and the art of critical viewing. Students view a variety of films from different decades, cultures, and genres and learn how to analyze the language of film and write critical reviews of films. Students read literary critiques relating to films which they discuss and respond to in writing. Please Note: This course meets Fine Arts and/or academic core English elective graduation requirement.

## IB Language A: Language \& Literature - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 01007A000
Proviso Course Code: ENG411011
Through a study of language and literature, students are better able to see and understand the world in which they live. Students are encouraged to question meaning by focusing on the language of texts. They critically study and interpret written and oral, literary, and non-literary texts. Students conduct a formal analysis of texts to include the idea that meaning is contextual. They undertake the study of the cultural development and usage of the English language as well as its media and literature. Students are required to analyze texts and to present their ideas. Year 1 topics include language and the individual, language and social relations, language and power, textual bias, stereotypes, and persuasive language.

## IB Language A: Language \& Literature - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language A: Language and Literature - DP Year 1
State Course Code: 01007A000
Proviso Course Code: ENG412011
Students continue to critically study and interpret various types of texts, questioning meaning and focusing on language. Year 2 topics include: critical study of literature, literary terminology, the influence of formal elements of the text, genre, and structure, understanding attitudes and values and their impact on readers, close reading, the changing historical cultural and social contexts in which texts are written. Formal assessments include an individual oral commentary and a further oral activity. Additionally, students are required to sit the IB examinations in May which include a comparative textual analysis, an essay, and two written tasks.

## Journalism

Grade: 9-12
Length: 1 semester
Credit: 0.5
Prerequisite: English 1 or equivalent is recommended. / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 11101A000
Proviso Course Code: ENG613101
Journalism, typically associated with the production of a school newspaper, yearbook, or literary magazine, emphasizes writing style and technique as well as production values and organization. This course introduces students to the concepts of newsworthiness and press responsibility; develops students' skills in writing and editing stories, headlines, and captions; and teaches students the principles of production design, layout, and printing. Photography and photojournalism skills may be included.

## Learning Strategies

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Alignment to IEP and ACCESS/WIDA Screener Placement / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 22003A000
Proviso Course Code: ENG713016
Students' time in Learning Strategies is divided into skill development and academic need. Depending on the academic needs of the student, the class allocates $40 \%$ of the time to skill development and $60 \%$ to academic need. Note that this percentage may vary considerably based upon any one student's immediate need. Students are expected to come to class prepared to complete specific instructions related to skills designed to achieve academic success. The remainder of the class time focuses on completion of academic work and addressing IEP goals.

## Multicultural Literature

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: English 1 or equivalent / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 01064A000
Proviso Course Code: ENG613064
This is a one-semester elective course which concentrates on the works and issues representative of various ethnic groups and cultures (Hispanic, African American, Japanese, Irish, etc.) as they immigrated to the United States. A study of novels, poetry, and short stories incorporate citing textual evidence through close reading.

## Public Speaking

Grade: 9-12
Length: 1 semester
Credit: 0.5
Prerequisite: English 1 or equivalent is recommended. / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 01151A000
Proviso Course Code: ENG613151
Public Speaking enables students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include but are not limited to research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

## Reading 1

Grade: 9
Length: 2 semesters (Students may place out of this course at the semester by meeting district benchmarks.)
Credit: 1.0
Prerequisite: None (Placement by Assessment Measures) / Must be taken in concurrence with English 1 or equivalent / Elective credit only
State Course Code: 01068A000
Proviso Course Code: ENG609068
Reading 1 is a reading support course to help students grow in their reading skills during the academic year. Students in this class have been identified using a variety of measures. The curriculum addresses reading comprehension, reading technique, and general literacy skills. Students read and analyze a wide range of texts while developing critical thinking, writing, and discussion skills.

## Reading 2

Grade: 10
Length: 2 semesters (Students may place out of this course at the semester by meeting district benchmarks.)
Credit: 1.0
Prerequisite: None (Placement by Assessment Measures) / Must be taken in concurrence with English 2 or equivalent / Elective credit only
State Course Code: 01067A000
Proviso Course Code: ENG610067
Reading 2 is a reading support course designed to help students strengthen their reading skills. Students in this class have been identified by a variety of measures. They may enter the course as a new student or from Reading 1. The curriculum focuses on inferring central ideas and finding textual evidence for claims as well as practicing vocabulary acquisition. Students read a wide range of texts while developing critical thinking, writing, and discussion skills.

## Strategic Reading

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None (Placement Test Score) / Must be taken in concurrence with required English course / Elective credit only
State Course Code: 01067A000
Proviso Course Code: ENG613066
Part of our English Learners (EL) program, the Strategic Reading curriculum is an intensive reading class designed to improve and enhance reading comprehension with fiction and nonfiction text for students who are learning English and building their language proficiency. The class provides a variety of topics to explore with special emphasis on fluency, academic and social vocabulary development, and reading strategies for secondary and postsecondary coursework.


## English Learners (el)

The English Language Development Standards along with Common Core Standards are used in high school content for English Learners at Proviso Township High Schools District 209. These standards focus on language and academic skills attainment. EL students take the same content and are assessed on the same skills as their grade level peers. Additionally, EL courses offer the same high school credit towards graduation and college acceptance as their grade level peers.

| Content Area | Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English | Learning <br> Strategies** | x | x | x | x | 1.0 | Alignment to IEP and ACCESS/WIDA Screener Placement/Elective credit only |
| English | EL Foundations* | x | x | x | x | 1.0 | New to the country. (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1-1.9 composite.) |
| English | English 1 Bridging | x |  |  |  | 1.0 | None (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.5-4.7 composite.) |
| English | English 2 Bridging |  | x |  |  | 1.0 | English 1 Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.54.7 composite.) |
| English | English 3 Bridging |  |  | X |  | 1.0 | English 2 Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.54.7 composite.) |
| English | English 4 Bridging |  |  |  | X | 1.0 | English 3 Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.54.7 composite.) |
| English | English 1 EL | x |  |  |  | 1.0 | None (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.) |
| English | English 2 EL |  | X |  |  | 1.0 | English 1 EL or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.) |
| English | English 3 EL |  |  | X |  | 1.0 | English 2 EL or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.) |
| English | English 4 EL |  |  |  | X | 1.0 | English 3 EL or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.) |
| English | Strategic <br> Reading** | X | X | X | X | 1.0 | Placement Test Score / Elective credit only |
| Mathematics | Integrated Math 1 EL | x |  |  |  | 1.0 | Placement by the Department of English Learners |
| Mathematics | Integrated Math 2 EL | X | X |  |  | 1.0 | Integrated Math 1 EL or Algebra 1 |


| Content Area | Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\text {\# }}$ |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Mathematics | Integrated Math 3 <br> EL |  | x | x | x | 1.0 | Integrated Math 2 EL or Geometry |
| Science | Biology EL | x | x | x | x | 1.0 | None |
| Science | Chemistry EL |  | x | x |  | 1.0 | Biology EL or equivalent |
| Science | Earth Science EL |  |  | x | x | 1.0 | Biology EL or Chemistry EL or equivalent |
| Science | Physics EL |  |  | x | x | 1.0 | Biology EL or Chemistry EL or equivalent |
| Social <br> Science | World Civilizations <br> EL | x | x |  |  | 1.0 | None |
| Social <br> Science | Black History EL |  | x | x | x | 0.5 | World Civilizations EL or equivalent |
| Social <br> Science | US History EL |  | x | x |  | 1.0 | World Civilizations EL or equivalent |
| Social <br> Science | Civics EL | x | x | 0.5 | World Civilizations EL or equivalent |  |  |
| Social <br> Science | World Geography <br> EL |  | x | x |  | 0.5 | World Civilizations EL or equivalent |

\# Prerequisite courses must be completed with a passing grade.

* New to the country / Meet the English 1 graduation required credit
** May be taken for Elective credit only


## Course Descriptions (in alphabetical order by content area)

## ENGLISH

## EL Foundations

Please see course description in the English Department section of this document.

## English 1-4 Bridging

Please see course description in the English Department section of this document.

## English 1-4 EL

Please see course description in the English Department section of this document.

## Learning Strategies

Please see course description in the English Department section of this document.

## Strategic Reading

Please see course description in the English Department section of this document.

## MATH

## Integrated Math 1-3 EL

Please see course description in the Math Department section of this document.

## SCIENCE

## Biology EL

Please see course description in the Science Department section of this document.

## Chemistry EL

Please see course description in the Science Department section of this document.

## Earth Science EL

Please see course description in the Science Department section of this document.

## Physics EL

Please see course description in the Science Department section of this document.

## SOCIAL STUDIES

## Black History EL

Please see course description in the Social Studies Department section of this document.

## Civics EL

Please see course description in the Social Studies Department section of this document.

## US History EL

Please see course description in the Social Studies Department section of this document.

World Civilization EL
Please see course description in the Social Studies Department section of this document.

## World Geography EL

Please see course description in the Social Studies Department section of this document.

## Family and Consumer Science

FCS courses are developed around real and ongoing concerns of families and communities, and they include concepts for resolving these concerns through ethical action. FCS is concerned with action-oriented questions of what to do about practical issues affecting people. These questions require ethical judgments about what to do for the good of self and others, now and in the future. Concerns that are examined include: family and community action issues; human and community development; family, career, and community connections; interpersonal relationships; human development; nutrition and wellness; and resource management. Family and community concerns require students to draw from many disciplines: art, social psychology, economics, politics, cultural anthropology, philosophy, history, sociology, linguistics, biology, physics, and chemistry.

| Content Area | Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cosmo/Barber | Barbering 1 |  |  | X |  | 3.0 | None |
| Cosmo/Barber | Cosmetology 1 |  |  | x |  | 3.0 | None |
| Cosmo/Barber | Barbering 2 |  |  |  | x | 3.0 | Barbering 1 or Cosmetology 1 |
| Cosmo/Barber | Cosmetology 2 |  |  |  | x | 3.0 | Cosmetology 1 or Barbering 1 |
| Culinary Arts | Nutrition \& Culinary Arts |  | X | X |  | 1.0 | None |
| Culinary Arts | Culinary Occupations 1 |  |  | X | X | 1.0 | Nutrition \& Culinary Arts or Teacher Recommendation |
| Culinary Arts | Culinary Occupations $2$ |  |  |  | X | 1.0 | Culinary Occupations 1 or Teacher Recommendation |
| Human Development | Child Development |  | X | X |  | 1.0 | None |
| Human Development | Foundations of Education |  | X | X |  | 1.0 | None |
| Human Development | Foundations of Education (Dual Credit) ${ }^{\text {\#\# }}$ |  | X | X |  | 1.0 | None |
| Human Development | Foundations of Teaching (Dual Credit) ${ }^{\text {\#\# }}$ |  |  | X | X | 1.0 | Foundations of Education (Dual Credit) |
| Human Development | Early Childhood Education 1 (Dual Credit)幽 |  |  | X | X | 1.0 | Child Development |
| Human Development | Human Development \& Wellness (Dual Credit) ${ }^{\# t}$ |  |  | X | X | 1.0 | None |
| Human Development | Early Childhood Education 2 <br> (Dual Credit) ${ }^{\text {\#\# }}$ |  |  |  | X | 1.0 | Early Childhood Education 1 (Dual Credit) |
| Human Development | Teaching Methodology |  |  | X | X | 0.5 | Foundations of Education |
| Human <br> Development | Instructional Technology (Dual Credit) |  |  | X | X | 0.5 | Foundations of Teaching Year 2 (Dual Credit) |
| Human Development | Work-Based Learning <br> (WBL) - Education <br> (Dual Credit) ${ }^{\text {\#\# }}$ |  |  | X | X | 0.5 | At least 2.0 credits in the FCS Pathway |


| Content Area | Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\text {\# }}$ |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Human <br> Development | Work-Based Learning <br> (WBL) - Education <br> (Dual Credit) |  |  | x | x | 0.5 | At least 2.0 credits in the FCS Pathway |
| Human <br> Development | Work-Based Learning <br>  <br> Consumer Science) \# |  |  | x | x | 1.0 | At least 2.0 credits in the FCS Pathway |
| Textiles | Textiles \& Design <br> 1 and 2 | x | x | x |  | 1.0 | None |
| Textiles | Textiles \& Design <br> Occupations |  | x | x | x | 1.0 | Textiles \& Design 1 and 2 |

\#Prerequisite courses must be completed with a passing grade.
${ }^{\# \#}$ These courses may be eligible for Dual Credit from Triton College or Dominican University.

## Course Descriptions (in alphabetical order)

## Barbering 1

Grade: 11
Length: 2 semesters
Credit: 3.0
Prerequisite: None
State Course Code: 19102A001
Proviso Course Code: FCS111102
This is the first year of a two-year program in Barbering. The barbering program must be approved and licensed by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and meet all state and federal regulations. This course offers students curriculum in both theory and practice in the following areas as they relate to the practice of barber science and art: anatomy; physiology; skin diseases; hygiene and sanitation; barber history; barber law; hair cutting and styling; shaving, shampooing, and permanent waving; massaging; and barber implements as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act. Knowledge, skills, and activities completed in this course helps prepare students for Barbering 2 while earning hours towards licensure.

## Barbering 2

Grade: 12
Length: 2 semesters
Credit: 3.0
Prerequisite: Barbering 1 or Cosmetology 1
State Course Code: 19102A002
Proviso Course Code: FCS112108
This is the second year of a two-year program in Barbering. The barbering program must be approved and licensed by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and meet all state and federal regulations. It offers advanced theoretical and practical skill development to prepare students for the barbering license exam. Training covers at a minimum: anatomy; physiology; skin diseases; hygiene and sanitation; barber history; barber law; hair cutting and styling; shaving, shampooing, and permanent waving; massaging; bleaching, tinting, and coloring; and barber implements as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act, as well as labor and compensation laws. Knowledge, skills, and activities completed in Barbering I and II prepares students to take the licensure exam and progression to obtain the 1500 hours of study in barbering.

## Child Development

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 19052A000
Proviso Course Code: FCS113255
The Child Development and Parenting part of the course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students explore opportunities in human services and education-related careers and develop a career portfolio. The second part of the course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the caregiver; individual and family wellness planning; and fostering intergenerational relationships. Practical experiences related to these topics are included through a variety of activities such as volunteer experiences, service learning, and intergenerational event planning opportunities. Information on a variety of human and family services careers is incorporated in the course.

## Cosmetology 1

Grade: 11
Length: 2 semesters
Credit: 3.0
Prerequisite: None
State Course Code: 19101A001
Proviso Course Code: FCS111101
The Cosmetology program must be approved and licensed by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and meet all state and federal regulations. Cosmetology 1 introduces students to the requirements to become a licensed cosmetologist. It offers students instruction in both theory and practical application in the following areas: tools and their use, shampoo, understanding chemicals and use, types of hair, sanitation, hygiene, skin diseases and conditions, anatomy and physiology, electricity, ethics, nail technology and esthetics as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act. Knowledge, skills, and activities completed in this course help prepare students for Cosmetology II while earning hours towards licensure.

## Cosmetology 2

Grade: 12
Length: 2 semesters
Credit: 3.0
Prerequisite: Cosmetology 1 or Barbering 1
State Course Code: 19101A002
Proviso Course Code: FCS112109
The Cosmetology program must be approved and licensed by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and meet all state and federal regulations. Cosmetology 2 builds upon the knowledge and skills attained in Cosmetology 1 and provides instruction which may be a combination of classroom instruction and hands on experience in the following areas: practical chemical application/hair
treatment, hair styling/hair dressing, and shop management, sanitation, and interpersonal relations as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act, as well as labor and compensation laws. Instruction may also include instruction in nail technology, esthetics, individualized skill development, and career planning. This course offers a curriculum of advanced theoretical and practical skill development to prepare students for the cosmetology licensure examination and progression to obtain the 1500 hours of study in cosmetology. (Students who take Cosmetology and Barbering are required to take both sessions through to completion.)

## Culinary Occupations 1

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Nutrition \& Culinary Arts or Teacher Recommendation
State Course Code: 16052A001
Proviso Course Code: FCS113051
This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application prepares students for an industry recognized sanitation exam. Classroom experiences develop skills to work in the front of the house, back of the house, and work stations. Additional content may include event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvres, and breakfast cookery. Students are provided opportunity training experiences on commercial equipment.

## Culinary Occupations 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Culinary Occupations 1 or Teacher Recommendation
State Course Code: 16055A001
Proviso Course Code: FCS112052
Culinary Occupations 2 places special emphasis for students to develop operational management skills including design and organization of food service systems in a variety of settings, human relations, and personnel training and supervision. Additional topics include food cost accounting; taking inventory; advertising; monitoring consumer and industry trends; and individualized mastery of culinary techniques. Training experiences involve equipment and facilities simulating those found in business and industry. Students also learn about Global Cuisine in two sections: The Americas, followed by Europe, the Mediterranean, the Middle East, and Asia.

## Early Childhood Education 1 (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Child Development
State Course Code: 19153A001
Proviso Course Code: FCS513153
This dual credit course prepares students to guide the development of young children in an educational setting through classroom and job shadowing experiences. Course content includes child development, care, and education issues. Project-based learning experiences include planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements of teaching young children. Students research the requirements of early childhood education careers and develop and expand their career portfolio.
Certifications: Gateways ECE Level 1 Credential, SBS/Traumatic Brain Injury, and SIDS/SUID/AAP Safe Sleep

## Early Childhood Education 2 (Dual Credit)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Early Childhood Education 1 (Dual Credit)
State Course Code: 23001A000
Proviso Course Code: FCS512156
This dual credit course continues to prepare students to guide the development of young children in an educational setting through classroom and job shadowing experiences. Course content includes child development, care, and education issues. Project-based learning experiences include planning and implementing developmentally appropriate activities, basic health and safety practices, and legal requirements of teaching young children. Students research the requirements of early childhood education careers and develop and expand their career portfolio. Certifications: American Heart Association First Aid CPR/AED (adult and pediatric)

## Foundations of Education

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 19151A002
Proviso Course Code: FCS113156
This course introduces students to the world of professional education. Students gain an understanding of the foundations of education: sociological, economic, legal, governance, and financial, and their influence on teaching today. This course provides a platform for observation, practice, feedback, discussion, and reflection, which are essential skills of an effective teacher. This general survey course is designed to help students make an informed decision about whether to continue in teacher education. Fifteen field experience hours are required.

## Foundations of Education (Dual Credit)

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 19199A000
Proviso Course Code: FCS513156
The dual credit course introduces students to the principles underlying teaching and learning, responsibilities and duties of teachers, and strategies and techniques to deliver knowledge and information. A combination of classroom and field experiences enables students to gain skilled knowledge and understanding of the education profession. Course content includes projects to develop and strategies, career opportunities in the field of education, and Illinois regulations and licensing requirements. American Heart Association CPR/AED Certificate is woven into the course.

## Foundations of Teaching (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Foundations of Education (Dual Credit)
State Course Code: 19151A001
Proviso Course Code: FCS513151

This dual credit course provides opportunities for students to develop skills to teach and guide others. Coursework includes creating and developing teaching objectives, designing lesson plans, and experiencing teaching in a controlled environment. Students examine and practice teaching strategies, learning styles, time management and planning strategies as well as presentations and questioning skills, classroom management, and evaluation techniques. Students explore opportunities in education careers and develop and expand their career portfolio.

## Human Development \& Wellness (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 19053A001
Proviso Course Code: FCS513261
This dual credit course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles, and practices; life cycle expectations and issues including biological, psychological, social, and physiological needs and concerns of aging adults, community services, agencies, and resources; roles, responsibilities and functions of families, family members and caregivers. Family issues including ethics, human worth and dignity, change, stress, neglect and abuse and care of the caregiver. Practical experiences related to these topics are included through variety of activities such as volunteer experiences, service learning, and intergenerational event planning opportunities. Information on a variety of human and family series careers in incorporated throughout the course.

## Nutrition \& Culinary Arts

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 16054A001
Proviso Course Code: FCS113054
This course includes classroom and lab experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Topics include food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning, preparing, preserving, and serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts.

## Teaching Methodology

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Foundations of Education
State Course Code: 19152A001
Proviso Course Code: FCS113152
This course provides opportunity for students to develop skills to teach and guide others. Students create and develop teaching objectives, design lesson plans, and experience teaching in a controlled environment. They examine and practice teaching and planning strategies, learning styles, time management, presentation and questioning skills, classroom management, and evaluation techniques. Students explore opportunities in education.

## Textiles \& Design 1 and 2

Grade: 9-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 19201A001
Proviso Course Code: FCS113164
This course is designed to provide basic knowledge and understanding of the design, development, and production of textile products. Through hands-on and project-based learning experiences, students discover fiber characteristics, fabric construction methods, elements of science and design in textiles and apparel, and basic construction skills used in interior furnishings and apparel industries. Emphasis is on awareness and investigation of careers and industry trends in textiles in addition to the implementation and recognition of design principles in selecting, constructing, altering, and remodeling textile products. Project management skills, including efficient use of time, materials, technique, and tools are covered. Other topics: engineered fabric constructions; fiber and textile trends; color theory; principles of design; fabric finishes; industry construction techniques; use of industry tools, equipment, and terminology; knowledge of resources and vendors; research and evaluation of textile products for special needs populations; impacts of technology; construction, alteration, and re-design skills.

## Textiles \& Design Occupations

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Textiles \& Design 1 and 2
State Course Code: 19204A002
Proviso Course Code: FCS113248
This course focuses on the study and application of functional and aesthetic design, human factors research, production planning, manufacturing processes, quality assessment, and distribution systems of textile products. Additional topics include consumer and industry textile trends; industry specific terminology; advanced design applications; project development, management, and supervision; safety codes and procedures; portfolio development and presentation; client relationships; and individualized mastery of textile/design skills.

## Work-Based Learning (WBL) - Education (Dual Credit)

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: At least 2.0 credits in the FCS Pathway
State Course Code: 19198A000
Proviso Course Code: FCS513198
This course provides students with work experience in fields related to education. Goals are typically set cooperatively by the student, teacher, and employer. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

## Work-Based Learning (WBL) - FCS (Family \& Consumer Science)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: At least 2.0 credits in the FCS Pathway
State Course Code: 22998A000
Proviso Course Code: FCS113998

This course provides students with work experience in fields related to culinary arts or other areas of interest. Goals are typically set cooperatively by the student, teacher, and employer. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

## East \& West Family \& Consumer Science Course Progression SY23/24



Notes

* Class offered off-site
$A P=$ Advanced Placement $\quad / B=$ International Baccalaureate
IH = International Honors



## Math

The Math Department offers opportunities for students to explore mathematics such as integrated math (algebra \& geometry), calculus, probability \& statistics, computer science, college algebra, and technical math. 3 credits are required which must include Integrated Math 1 \& 2 (or Algebra \& Geometry prior to SY19-20).

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Integrated Math 1 Honors | X |  |  |  | 1.0 | None |
| Integrated Math 1 | X |  |  |  | 1.0 | None |
| Integrated Math 1 Instructional | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| Integrated Math 1 EL | X |  |  |  | 1.0 | Placement by Department of English Learners |
| Integrated Math 2 Honors |  | X |  |  | 1.0 | IM 1 Honors, Algebra 1 Honors, or Departmental Recommendation |
| Integrated Math 2 |  | x |  |  | 1.0 | IM1 or Algebra 1 |
| Integrated Math 2 Instructional |  | X |  |  | 1.0 | IM1 Instructional or Algebra 1 |
| Integrated Math 2 EL |  | X |  |  | 1.0 | IM1 EL or Algebra 1 |
| Integrated Math 3 Honors |  |  | X |  | 1.0 | IM2 Honors or Geometry Honors |
| Integrated Math 3 |  |  | X |  | 1.0 | IM2 or Geometry |
| Integrated Math 3 Instructional |  |  | X |  | 1.0 | IM2 Instructional or Geometry |
| Integrated Math 3 EL |  |  | X |  | 1.0 | IM2 EL or Geometry |
| Algebraic Reasoning* | X |  |  |  | 1.0 | Admin Approval / Elective credit only |
| Pre-Calculus Honors |  |  | X | X | 1.0 | IM3 Honors or Algebra 2 Honors |
| Business Math |  |  |  | X | 0.5 | IM2 or Geometry |
| AP Statistics |  |  | X | X | 1.0 | IM3 or Algebra 2 |
| AP Computer Science Principles | X | X | X | X | 1.0 | Algebra 1, IM1, or Admin Approval |
| AP Computer Science A |  |  | X | X | 1.0 | IM3 or Computer Science Principles |
| AP Calculus AB |  |  | X | X | 1.0 | IM3, Algebra 2, Pre-Calculus Honors, or Administrator Approval |
| Computer Concepts \& Software Applications |  |  | X | X | 1.0 | None |
| IB Math: Applications \& Interpretation - DP 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3 |
| IB Math: Applications \& Interpretation - DP 2 |  |  |  | X | 1.0 | IB Math: Applications \& Interpretation - DP 1 |
| Probability \& Statistics |  |  | X | X | 1.0 | IM3 (can be taken concurrently) or Algebra 2 |
| Probability \& Statistics (DC) ${ }^{\text {\#\# }}$ |  |  | X | X | 1.0 | IM3 (can be taken concurrently) or Algebra 2 |
| Technical Math (CTE) TM003 ${ }^{+}$ |  |  |  | X | 1.0 | 3.0 Math credits and Administrator Approval - <br> See Decision Chart for Senior Level Math |
| Quantitative Literacy \& Statistics TM002 ${ }^{+}$ |  |  |  | X | 1.0 | 3.0 Math credits and Administrator Approval - <br> See Decision Chart for Senior Level Math |
| Science, Technology, Engineering, \& Math (STEM) TM001 |  |  |  | X | 1.0 | 3.0 Math credits and Administrator Approval See Decision Chart for Senior Level Math |
| College Algebra Math 110 (Dual Credit) ${ }^{\text {\#\# }}$ |  |  | X | X | 1.0 | Pre-Calculus or Higher or Admin Approval |

\# Prerequisite courses must be completed with a passing grade.

+ These courses satisfy PWR Act Transitional Math requirements, cannot be used to satisfy state grad requirements
\#\# These courses may be eligible for Dual Credit.
* Students earn elective credit for this course in concurrence with Integrated Mathematics 1.


## Decision Chart for Senior Level Transitional Math



## Course Descriptions (in alphabetical order)

## AP ${ }^{\circledR}$ Calculus AB

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3, Algebra 2, Pre-Calculus Honors, or Administrator Approval
State Course Code: 02124A000
Proviso Course Code: MAT313124
Following the College Board’s suggested curriculum designed to parallel college-level calculus courses, $\mathrm{AP}^{\circledR}$ Calculus $A B$ provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. This course introduces calculus and includes the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-ofchange problems); and integral calculus (including antiderivatives and the definite integral). All students are required to take the $A P^{\circledR}$ Calculus test. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Computer Science A

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3 or Computer Science Principles
State Course Code: 10157A000
Proviso Course Code: MAT313157
This course emphasizes object-oriented programming methodology with an emphasis on problem solving and
algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction. All students are required to take the AP ${ }^{\circledR}$ Computer Science A test. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Computer Science Principles

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Algebra 1, Integrated Math 1, or Administrator Approval
State Course Code: 10161A000
Proviso Course Code: MAT313019
This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. All students are required to take the AP ${ }^{\circledR}$ Computer Principles test. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Statistics

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3 or Algebra 2
State Course Code: 02203A000
Proviso Course Code: MAT313203
Following the College Board's suggested curriculum designed to parallel college-level statistics courses, AP ${ }^{\circledR}$ Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling, and experimentation, anticipating patterns, and statistical inference. All students are required to take the AP ${ }^{\circledR}$ Statistics test. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Algebraic Reasoning

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Teacher or Departmental Recommendation
State Course Code: 02002A000
Proviso Course Code: MAT609002
In this course students review pre-algebra and gain additional practice in algebra. Special emphasis is placed on essential mathematical concepts that align to Integrated Mathematics 1.

## Business Math

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: Integrated Math 2 or Geometry
State Course Code: 02154A000
Proviso Course Code: MAT112154
In this course, students review and apply mathematical operations with whole numbers, decimals, fractions, ratios, and percent. They understand terminology relating to personal business math applications and apply basic math skills to the solution of both personal and business applications.

## College Algebra Math 110 (Dual Credit)

Grade: 11-12

Length: 2 semesters
Credit: 1.0
Prerequisite: Pre-Calculus or Higher or Administrator Approval
State Course Code: 02999A000
Proviso Course Code: MAT512110
This dual credit course examines the operations on real numbers, factoring, polynomials, rational expressions, complex numbers, topics from the theory of equations, polynomials, exponential and logarithmic functions, systems of equations, and conic sections.

## Computer Concepts \& Software Applications

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 10004A001
Proviso Course Code: MAT113020
Computer Concepts and Software Applications is an introductory course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The topics that will be discussed are introduction to web development, interactive animations and gaming, creating apps with devices, as well as Al and machine learning.

## IB Math: Applications \& Interpretation - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3
State Course Code: 02131A000
Proviso Course Code: MAT411139
IB Math emphasizes the applications of math with a focus on statistical techniques. This course is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics (including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus). Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

## IB Math: Applications \& Interpretation - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Math: Applications \& Interpretation - DP Year 1
State Course Code: 02131A000
Proviso Course Code: MAT412139
This course emphasizes the applications of math with a focus on statistical techniques. It is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus. Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally,
students are required to take the IB examinations in May which include short response and extended response questions.

## Integrated Math 1 Honors

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 02062A000
Proviso Course Code: MAT209062
This course covers the same topics outlined in Integrated Math 1 with greater depth and breadth.

## Integrated Math 1

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 02062A000
Proviso Course Code: MAT109062
Integrated Math 1 topics include recognizing and developing patterns using tables, graphs, and equations. Mathematical modeling is stressed to approach solving problems. Students explore operations on algebraic expressions and apply mathematical properties to algebraic linear equations. Students will problem solve using equations, inequalities, graphs, and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. This course involves the study of linear and exponential functions, including application and interpretation of statistics and real-world situations. Students reason about functions and the number and nature of solutions to equations, systems of equations, and inequalities. Reinforcement of topics from two-dimensional Geometry is integrated, including applications of area and perimeter, the Pythagorean Theorem, as well as geometric proportion. An introduction to the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology is used to introduce and expand upon the areas of study.

## Integrated Math 1 Instructional

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None (Diverse Learners will be placed based upon alignment to their IEP.)
State Course Code: 02062A000
Proviso Course Code: MAT709062
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 1 Instructional topics include recognizing and developing patterns using tables, graphs, and equations. Mathematical modeling is stressed to approach solving problems. Students will explore operations on algebraic expressions and apply mathematical properties to algebraic linear equations. Students will problem solve using equations, inequalities, graphs, and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. This course involves the study of linear and exponential functions, including application and interpretation of statistics and real-world situations. Students reason about functions and the number and nature of solutions to equations, systems of equations, and inequalities. Reinforcement of topics from two-dimensional Geometry is integrated, including applications of area and perimeter, the Pythagorean Theorem, as well as geometric proportion. An introduction to the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology will be used to introduce and expand upon the areas of study.

## Integrated Math 1 EL

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement by the Department of English Learners
State Course Code: 02062A000
Proviso Course Code: MAT809062
Integrated Math 1 EL topics include recognizing and developing patterns using tables, graphs, and equations. Mathematical modeling is stressed as a methodology for approaching the solution to problems. Students will explore operations on algebraic expressions and apply mathematical properties to algebraic linear equations. Students will problem solve using equations, inequalities, graphs, and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. Integrated Math I EL involves the study of linear and exponential functions (with domains in the integers), including application and interpretation of statistics and real-world situations. Students reason about functions and the number and nature of solutions to equations, systems of equations, and inequalities. Reinforcement of topics from twodimensional Geometry is integrated into this curriculum. This includes applications from the areas of area and perimeter, the Pythagorean Theorem, and its applications, as well as geometric proportion. Finally, introductory instruction in the area of mathematical probability is provided to reinforce use of fractions and numerical modeling. Technology will be used to introduce and expand upon the areas of study listed above. English learners may receive sensory, graphic, and interactive support. Instruction primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary.

## Integrated Math 2 Honors

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 Honors, Algebra 1 Honors, or Departmental Recommendation
State Course Code: 02063A000
Proviso Course Code: MAT210063
This course covers the same topics outlined in Integrated Math 2 with greater depth and breadth.

## Integrated Math 2

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1
State Course Code: 02063A000
Proviso Course Code: MAT110063
This course is designed to combine some of the intermediate principles of Algebra 1, Geometry, Algebra 2, and Probability. Topics include Quadratic Functions, Similarity and Congruence, Circles, Basic Trigonometric Functions and Probability.

## Integrated Math 2 Instructional

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 Instructional or Algebra 1
State Course Code: 02063A000
Proviso Course Code: MAT710063
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 2 Instructional is designed to combine some of the intermediate principles of

Algebra 1, Geometry, Algebra 2, and Probability. Topics include Quadratic Functions, Similarity and Congruence, Circles, Basic Trigonometric Functions and Probability.

## Integrated Math 2 EL

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 1 EL or Algebra 1
State Course Code: 02063A000
Proviso Course Code: MAT810063
This course is designed to combine some of the intermediate principles of Algebra 1, Geometry, Algebra 2, and Probability. Topics include Quadratic Functions, Similarity and Congruence, Circles, Basic Trigonometric Functions and Probability. The Common Core Standards for Mathematical Practices will be addressed throughout the course. Instruction occurs in the native language, but English language support may be used to clarify concepts if needed.

## Integrated Math 3 Honors

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 2 or Geometry Honors
State Course Code: 02064A000
Proviso Course Code: MAT211064
This course covers all the topics in Integrated Math 3 with greater depth and breadth.

## Integrated Math 3

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 2 or Geometry
State Course Code: 02064A000
Proviso Course Code: MAT111064
This course completes the three-course sequence of Integrated Math and is designed to further explore the principles introduced in Integrated Math 1 and Math 2 in preparation for enrolling in advanced math courses. Students expand their knowledge of linear, exponential, and quadratic functions to polynomial, rational, and trigonometric functions. Students also extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems.

## Integrated Math 3 Instructional

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 2 Instructional or Geometry
State Course Code: 02064A000
Proviso Course Code: MAT711064
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 3 Instructional completes the three-course sequence of Integrated Math and is designed to further explore the principles introduced in Integrated Math 1 and Math 2 in preparation for enrolling in advanced math courses. Students will expand their knowledge of linear, exponential, and quadratic functions to polynomial, rational, and trigonometric functions. Students will also extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems.

## Integrated Math 3 EL

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 2 EL or Geometry
State Course Code: 02064A000
Proviso Course Code: MAT811064
This course completes the three-course sequence of Integrated Math and is designed to further explore the principles introduced in Integrated Math 1 and Math 2 in preparation for enrolling in advanced math courses. This course brings together knowledge acquired in the previous two courses and uses it as a bridge to expand into more complex territory. Students will expand their knowledge of linear, exponential, and quadratic functions to polynomials, rationals, and trigonometric functions. Students will also extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems. Instruction occurs in the native language, but English language support may be used to clarify concepts if needed.

## Pre-Calculus Honors

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3 Honors or Algebra 2 Honors
State Course Code: 02110A000
Proviso Course Code: MAT213110
Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math
Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

## Probability \& Statistics

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3 (can be taken concurrently) or Algebra 2
State Course Code: 02201A000
Proviso Course Code: MAT112205
This course focuses on descriptive statistics, with an introduction to inferential statistics. Topics typically include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.

## Probability \& Statistics (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Integrated Math 3 (can be taken concurrently) or Algebra 2
State Course Code: 02201A000
Proviso Course Code: MAT512205
This dual credit course focuses on descriptive statistics, with an introduction to inferential statistics. Topics typically include event probability, normal probability distribution, collection and description of data, frequency tables and
graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.

## Quantitative Literacy \& Statistics TM002

Grade: 12
Length: 2 semesters
Credit: 1.0 Per State Code, this class cannot be used to fulfill the three-year math graduation requirement Prerequisite: 3 years of math
State Course Code: 02201A001
Proviso Course Code: MAT612002
This math course framework is designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion of this course, students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. This course is delivered through authentic application and problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

## Science, Technology, Engineering, \& Math (STEM) TM001

Grade: 12
Length: 2 semesters
Credit: 1.0 Per State Code, this class cannot be used to fulfill the three-year math graduation requirement
Prerequisite: 3 years of math
State Course Code: 02055A001
Proviso Course Code: MAT612001
This math course framework is built around essential algebraic competencies designed to prepare students for college and career pathways in areas such as: Science, Technology, Engineering, and Math or STEM which require advanced algebraic skills or calculus. This course enables students to transition directly into credit-bearing collegelevel algebra courses. Students engage in deepening conceptual understanding using algebra and mathematical applications of algebra and functions and how functions naturally arise using authentic modeling situations. The function families (linear, polynomial, rational, radical, and exponential) will be emphasized. Additionally, this course emphasizes the eight mathematical practices, particularly modeling within the setting of authentic and contextualized applications. Upon completion of this course, the student should be able to: demonstrate and justify both orally and in writing conceptual understanding of functions combined with advanced algebraic knowledge to solve complex, contextualized, multi-step problems in authentic settings.

## Technical Math (CTE) TM003

Grade: 12
Length: 2 semesters
Credit: 1.0 Per State Code, this class cannot be used to fulfill the three-year math graduation requirement
Prerequisite: 3 years of math
State Course Code: 02153A001
Proviso Course Code: MAT612003
This math course framework is intended and designed specifically to transition students to post-secondary technical pathways or careers. Coursework aligns directly with the post-secondary technical math or career pathway. This course includes but is not limited to the following: number sense and number systems, geometry, and basic algebra delivered through authentic, contextualized, problem-based learning environments not limited to stand alone courses, but may be incorporated into existing career and technical education (CTE) courses.


The Music Department provides opportunities for students to engage in experiences as preparation for creative careers and responsible citizenship. Music courses cultivate students' abilities to think, collaborate, perform, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\#}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Beginning Band | X | X | X | X | 1.0 | None |
| Concert Band | X | X | X | X | 1.0 | Beginning Band and/or Audition |
| Advanced Concert Band |  |  | X | X | 1.0 | Concert Band and/or Audition |
| Contemporary Jazz Band |  |  | X | X | 1.0 | Advanced Concert Band and/or Audition |
| Marching Band | X | X | X | X | 1.0 | Audition |
| Dance - Flag | X | X | X | X | 1.0 | Audition |
| Music History/Appreciation | X | X | X | X | 1.0 | None |
| Chorus | X | X | X | X | 1.0 | None |
| Advanced Chorus |  | X | X | X | 1.0 | Chorus |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## Advanced Chorus

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Chorus
State Course Code: 05110A000
Proviso Course Code: MUS113111
Advanced Chorus is a continuation of Chorus. Students have the opportunity to sing a variety of choral literature for men's and women's voices. Students continue to develop vocal techniques and the ability to sing parts. Advanced Chorus continues to focus on the fundamentals of sight-reading, diction, and vocal blend. This advanced course offers students insight into the choir performance experience. Choir robes and attire are provided.

## Advanced Concert Band

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Concert Band and/or Audition
State Course Code: 05102A000
Proviso Course Code: MUS113106
Advanced Concert Band continues the development of instrumental techniques and performances.

## Beginning Band

Grade: 9-12
Length: 2 semesters
Credit: 1.0

Prerequisite: None
State Course Code: 05101A000
Proviso Course Code: MUS113101
Beginning Band develops students' technique for playing brass, woodwind, and percussion instruments and cover a variety of band literature styles (concert, marching, orchestral, and modern styles). Instruments are furnished at no charge to members of this class. Students must purchase their own mouthpiece. Approximate cost \$25.

## Chorus

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05110A000
Proviso Course Code: MUS113110
Chorus provides the opportunity to sing a variety of choral literature styles for men's and/or women's voices. The course is designed to develop vocal techniques and the ability to sing parts. Chorus focuses on the fundamentals of sight-reading, diction, and vocal blend. This course offers students insight into the choir performance experience. Choir robes and attire are provided.

## Concert Band

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Beginning Band and/or Audition
State Course Code: 05102A000
Proviso Course Code: MUS113102
Concert Band is designed to promote students' technique for playing brass, woodwind, and/or percussion instruments and covers a variety of band literature styles, primarily for concert performances. Concert Band develops students' instrumental music skills and provides some performance experiences. The ensemble style gives students structures for instrumental band experience.

## Contemporary Jazz Band

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Advanced Concert Band and/or Audition
State Course Code: 05105A000
Proviso Course Code: MUS113105
Contemporary Jazz Band helps students develop their techniques for playing brass, woodwind, percussion, and/or string instruments as well as guitars and keyboards. This course focuses primarily on contemporary stage band literature styles, such as traditional jazz and jazz improvisation. Jazz Band students must be members of one of the school's larger instrumental organizations.

## Dance - Flag

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Audition
State Course Code: 05049A000

Proviso Course Code: MUS113049
This class teaches and provides rehearsal for the Dance and Flag routines that are performed with the Marching Band. Students must audition for this class.

## Marching Band

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Audition
State Course Code: 05103A000
Proviso Course Code: MUS113103
Marching Band provides an opportunity for students to develop their technique in playing brass, woodwind, and/or percussion instruments and covers appropriate band literature styles, primarily for marching performances. The Marching Band performs at concerts, participates in various community parades, and presents at school assemblies. The Marching Band also performs shows at home games as part of half-time entertainment.

## Music History/Appreciation

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05116A000
Proviso Course Code: MUS113116
Music History/Appreciation surveys different musical styles and periods with the intent of increasing students' enjoyment of musical styles and/or developing their artistic and technical judgment. This course may also focus on developing an understanding of a particular style or period. It is designed to help students explore the world of music and develop an understanding of the role music plays in their lives.

## East \& West Music Course Progression SY23/24



Notes
a May be taken at any grade level

* May be taken at ANY grade level by audition
\# Enrollment by audition only

$$
A P=\text { Advanced Placement } \begin{gathered}
1 / B=\text { international Baccalaureate } \quad U H=\text { international Honors } \\
\\
\text { Proviso Tawnship High Schools District } 209
\end{gathered}
$$

## Naval Junior Reserve Officers Training Corp (NJROTC)

The NJROTC Program was established by Public Law in 1964 and may be found in Title 10, US Code, Chapter 102. Instructors who are retired Navy, Marine Corps, and Coast Guard officers and enlisted personnel conduct the program at accredited secondary schools throughout the nation. The NJROTC curriculum emphasizes citizenship and leadership development, as well as our maritime heritage, the significance of sea power, and naval topics such as the fundamentals of naval operations, seamanship, navigation, and meteorology. Classroom instruction is augmented throughout the year by community service activities, drill competition, field meets, flights, visits to naval activities, marksmanship training, and other military training. The Navy provides uniforms, textbooks, training aids, travel allowance, and a substantial portion of instructors' salaries.

Participation in the NJROTC:

- Promotes patriotism.
- Develops informed and responsible citizens.
- Promotes habits of orderliness and precision.
- Develops a high degree of personal honor, self-reliance, and individual discipline.
- Promotes an understanding of basic elements and requirements for national security.
- Develops respect for and an understanding of the need for constituted authority.
- Provides information on the military services as a possible career.
- Develops leadership potential.
- Provides an alternative to gangs.
- Promotes high school completion.
- Provides incentive to live healthy and drug-free.

Credit earned in the NJROTC program fulfills required credit in Physical Education.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\#}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Naval Science 1 | X | x | x | x | 1.0 | None |
| Naval Science 2 |  | X | X | X | 1.0 | Grade of C or higher in Naval Science 1 |
| Naval Science 3 |  |  | X | X | 1.0 | Grade of C or higher in Naval Science 2 |
| Naval Science 4 |  |  |  | X | 1.0 | Grade of C or higher in Naval Science 3 |

\# Prerequisite courses must be completed with a passing grade.
Course Descriptions (in alphabetical order)

## Naval Science 1

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 09101A000
Proviso Course Code: NAV113101
Naval Science 1 introduces students to the meaning of citizenship, the elements of leadership, and the value of scholarship in reaching life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and managing stress; drug awareness; providing the principles of health and first aid, geography, and survival skills; and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level.

## Naval Science 2

Grade: 10-12

Length: 2 semesters
Credit: 1.0
Prerequisite: Grade of C or higher in Naval Science 1
State Course Code: 09102A000
Proviso Course Code: NAV113102
Naval Science 2 builds on the general introduction provided in Naval Science 1, further develops the traits of citizenship and leadership, and introduces cadets to the technical areas of naval science and the role of the US Navy in maritime history and the importance of the world's oceans to the continued well-being of the United States. Students will be introduced to seamanship and elements of navigation.

## Naval Science 3

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Grade of C or higher in Naval Science 2
State Course Code: 09103A000
Proviso Course Code: NAV113103
Naval Science 3 broadens the understanding of students in the operative principles of military leadership, the concept and finance of teamwork, the intrinsic value of good order and discipline in the accomplishment of objectives, and the importance of power and national security. Students gain a more in-depth knowledge of naval ships and aircraft.

## Naval Science 4

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Grade of C or higher in Naval Science 3
State Course Code: 09104A000
Proviso Course Code: NAV112104
Naval Science 4 focuses primarily on practical leadership techniques and implementation. The intent is to assist seniors in understanding leadership and improving their leadership skills by putting them in positions of leadership, under supervision, then let them analyze the reasons for their varying degrees of success throughout the year. Classroom activities include seminars, reading assignments, classroom presentations, and practical work with younger cadets. Seniors are mentored/guided in their preparation for life after high school to include college preparation, scholarship applications, and the variety of choices that are available to them. In addition, Naval Science 4 introduces Cadets to the study of current world affairs, regional studies, and cultural awareness.


Notes
a Grade of C or higher in Naval Science 1
b Grade of C or higher in Naval Science 2
c Grade of C or higher in Naval Science 3

$$
A P=\text { Advanced Placement } \begin{gathered}
1 / B=\text { internotional Baccalaureate } \quad i H=\text { international Honors } \\
\\
\text { Proviso Tawnship High Schaols District } 209
\end{gathered}
$$

## Research and Theoretical Studies

These courses offer students opportunities in academic research and preparation for college and career. Courses can be taken for elective credit only.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {P }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| AP Seminar* |  | x | x | x | 1.0 | At least 1.0 English credits (Elective credit only) / <br> Part of AP Capstone Program except Grade 12 |
| AP Research* |  |  | x | x | 1.0 | AP Seminar (Elective credit only) / Part of AP <br> Capstone Program |
| OneGoal Year 1* |  |  | x |  | 1.0 | None (Elective credit only) |
| OneGoal Year 2* |  |  |  | x | 1.0 | OneGoal Year 1 (Elective credit only) |
| IB Theory of Knowledge - <br> DP Year 1 |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme |
| IB Theory of Knowledge - <br> DP Year 2 |  |  |  | x | 1.0 | IB Theory of Knowledge - DP Year 1 |

\# Prerequisite courses must be completed with a passing grade.

* Students earn elective credit for this course in concurrence with their required English and Social Studies courses or equivalents.


## Course Descriptions (in alphabetical order)

## A ${ }^{\circledR}$ Research

Grade: 11-12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: AP Seminar / Must be taken concurrently with a required English course / Part of AP Capstone
Program
State Course Code: 01106A000
Proviso Course Code: RTS312112
In AP ${ }^{\circledR}$ Research, students deeply explore an academic topic, problem, or issue of interest to them. Students design, plan, and conduct a yearlong research-based investigation to address a research question, documenting their process with a portfolio. The course ends with a 4,000 - to 5,000 -word academic paper and a presentation with an oral defense which contributes to the overall AP ${ }^{\oplus}$ Research course per the College Board. There is no end-of-course exam for this course. This course qualifies students for the AP ${ }^{\circledR}$ Capstone when combined with qualifying scores from 3 other $\mathrm{AP}^{\circledR}$ courses.

## AP ${ }^{\circledR}$ Seminar

Grade: 10-12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: At least 1.0 English credits / Must be taken concurrently with a required English course / Part of AP ${ }^{\circledR}$ Capstone Program except Grade 12
State Course Code: 22107A000
Proviso Course Code: RTS313110
$A P^{\circledR}$ Seminar is a foundational research course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of
a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

## IB Theory of Knowledge - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04304A000
Proviso Course Code: RTS411304
What do we know? How do we know that we know it? What are the different ways in which we know? This course uses critical thinking and inquiry-based instruction to delve deeply into the nature and process of knowing. Students explore the distinction between personal and shared knowledge, identify eight different ways of knowing and connect them to areas of knowledge.

## IB Theory of Knowledge - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Theory of Knowledge - DP Year 1
State Course Code: 04304A000
Proviso Course Code: RTS412304
This course continues the exploration of the nature of knowledge and ways of knowing as well as the development of students' critical and analytic skills. Students are required to complete an essay on an IB title (from a list of six prescribed by the IB ) and are required to present upon a knowledge question raised by a substantive real-life situation of their own interest. The presentation can be done individually or in a small group (3 person maximum).

## OneGoal ${ }^{\circledR}$ Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: None
State Course Code: 22106A001
Proviso Course Code: RTS111106
OneGoal ${ }^{\circledR}$ is a two-year course ( $11^{\text {th }}-12^{\text {th }}$ grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

## OneGoal ${ }^{\circledR}$ Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: One Goal Year 1
State Course Code: 22106A002
Proviso Course Code: RTS112106
OneGoal ${ }^{\circledR}$ is a two-year course ( $11^{\text {th }}-12^{\text {th }}$ grade) that provides students with opportunities and resources to consider
college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

East \& West Research \& Theoretical Studies Course Progression SY23/24


Notes

- Does not count towards the AP Capstone Program


## Science

The Science Department offers opportunities for students to explore the sciences (Biology, Chemistry, Physics, Earth Science, Anatomy and Physiology, Astronomy and Space Science, and Forensics). 3 credits are required.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Biology Honors | X |  |  |  | 1.0 | Placement Test or Teacher Recommendation |
| Biology | x |  |  |  | 1.0 | None |
| Biology Instructional | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| Biology EL | x |  |  |  | 1.0 | None |
| Chemistry Honors |  | X |  |  | 1.0 | Biology Honors and Teacher Recommendation |
| Chemistry |  | X | x |  | 1.0 | Biology or equivalent |
| Chemistry Instructional |  | X | x |  | 1.0 | Biology Instructional or equivalent |
| Chemistry EL |  | x | x |  | 1.0 | Biology or equivalent |
| Earth Science |  | X | x | x | 1.0 | Biology or equivalent |
| Earth Science Instructional |  | X | X | X | 1.0 | Biology Instructional or equivalent |
| Earth Science EL |  |  | x | x | 1.0 | Biology EL or Chemistry EL or equivalent |
| AP Biology^ |  |  | X | x | 1.0 | Biology, Chemistry, and Teacher Recommendation |
| AP Chemistry^ |  |  | X | X | 1.0 | Biology, Chemistry, and Teacher Recommendation |
| AP Environmental Science^ |  |  | x | x | 1.0 | Biology, Chemistry, and Teacher Recommendation |
| AP Physics^ |  |  | X | X | 1.0 | Physics and Math Teacher Recommendations |
| Anatomy \& Physiology |  |  | x | x | 1.0 | Biology and Chemistry or equivalent |
| Astronomy \& Space Science |  |  | X | X | 1.0 | None |
| Forensic Science |  |  | X | X | 1.0 | Biology, Chemistry, and Teacher Recommendation |
| IB Biology - DP Year 1 |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Biology - DP Year 2 |  |  |  | x | 1.0 | IB Biology - DP Year 1 |
| Physics Honors |  |  | X | X | 1.0 | Biology Honors, Chemistry Honors, and Teacher Recommendation |
| Physics |  |  | X | X | 1.0 | Biology and Chemistry or equivalent |
| Physics Instructional |  |  | X | X | 1.0 | Biology Instructional and Chemistry Instructional or equivalent |
| Physics EL |  |  | x | x | 1.0 | Biology EL or Chemistry EL or equivalent |

"Prerequisite courses must be completed with a passing grade.
^ These courses will be offered on a yearly rotating schedule.

## Course Descriptions (in alphabetical order)

## Anatomy \& Physiology

Grade: 11-12
Length: 2 semesters
Credit: 1.0

Prerequisite: Biology, Chemistry, and Teacher Recommendation
State Course Code: 03053A000
Proviso Course Code: SCI113053
This course examines all major systems, tissues, and muscle groups in the human body to help students understand how these systems interact and their role in maintaining homeostasis. This course also covers such topics as cell structure and function, metabolism, and the human life cycle.

## AP ${ }^{\circledR}$ Biology

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology, Chemistry, and Teacher Recommendation
State Course Code: 03056A000
Proviso Course Code: SCI313056
$\mathrm{AP}^{\circledR}$ Biology adheres to the curriculum recommended by the College Board and is designed to parallel college-level introductory biology course. This course stresses basic facts and their synthesis into major biological concepts and themes. In addition, this course encompasses four big ideas: 1) The process of evolution drives diversity; (2) Biological systems utilize free energy; (3) Using systems store, retrieve, transmit and respond to information; and (4) Biological systems interact. This course includes college-level laboratory experiments. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Chemistry

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology, Chemistry, and Teacher Recommendation
State Course Code: 03106A000
Proviso Course Code: SCl313106
$A{ }^{\circledR}$ Chemistry follows the curriculum recommended by the College Board. Students who enroll in this class have already completed a high school chemistry class and a second-year algebra class. This course encompasses six big ideas: (1) All matter is composed of atoms; (2) Physical and chemical properties of matter; (3) Chemical reactions involve the rearrangement of atoms; (4) Molecular collisions determine the rates of chemical reactions; (5) Thermodynamics describes the role energy plays in physical and chemical changes; and (6) Equilibrium represents a balance between enthalpy and entropy. The lab for this course is equivalent to a typical college chemistry course. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Environmental Science

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology, Chemistry, and Teacher Recommendation
State Course Code: 03207A000
Proviso Course Code: SCI313207
$A P^{\circledR}$ Environmental Science is designed by the College Board to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify, and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics covered in this course include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Physics

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Physics and Math Teacher Recommendations
State Course Code: 03156A000
Proviso Course Code: SCI313165
$A^{\circledR}$ Physics is designed by the College Board to parallel college-level physics courses that serve as a partial foundation for science or engineering majors. This course primarily focuses on mechanics and electricity and magnetism; with approximately equal emphasis on these two areas. The coursework is more intensive and more analytical than $A P^{\circledR}$ Physics $B$ courses and requires the use of calculus to solve the problems posed. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Astronomy \& Space Science

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 03004A000
Proviso Course Code: SCI113004
Astronomy and Space Science offers students the opportunity to study the solar system, stars, galaxies, and interstellar bodies. This course introduces and uses astronomic instruments and explores theories regarding the origin and evolution of the universe, space, and time. Students typically learn about time zones, latitude and longitude, atmosphere, weather, climate, matter, and energy transfer. Advanced topics include the study of the use of remote sensing, computer visualization, and computer modeling to enable earth scientists to understand earth as a complex and changing planet.

## Biology Honors

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test or Teacher Recommendation
State Course Code: 03051A000
Proviso Course Code: SCI209051
This course is designed to provide information regarding the fundamental concepts of life and life processes. The course includes but is not limited to such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy. Biology Honors is heavily oriented toward laboratory investigation and critical thinking skills. Students should have above average abilities in reading and science to be enrolled in this class.

## Biology

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 03051A000
Proviso Course Code: SCI109051
Biology is designed to provide information regarding the fundamental concepts of life and life processes. The course includes but is not limited to such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

## Biology Instructional

Grade: 9

Length: 2 semesters
Credit: 1.0
Prerequisite: None (Diverse Learners will be placed based upon alignment to their IEP.)
State Course Code: 03051A000
Proviso Course Code: SCI709051
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Biology Instructional is designed to provide information regarding the fundamental concepts of life and life processes. The course includes but is not limited to such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

## Biology EL

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 03051A000
Proviso Course Code: SCI813051
Biology EL concentrates on the study of living things and attempts to develop the students' understanding of the basic biological principles. Emphasis is placed upon the chemical and physical basis of life, the continuity of life, the fundamental processes, evolution of life, and the interdependence of living things. In addition to reading for information and class discussion, emphasis is placed on laboratory experiences. English Learners may receive sensory, graphic, and interactive support. Instruction primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary.

## Chemistry Honors

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology Honors and Teacher Recommendation
State Course Code: 03101A000
Proviso Course Code: SCI210101
Chemistry Honors involves studying the composition, properties, and reactions of substances. The course explores such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, atomic structure, chemical formulas and equations, thermochemistry, and nuclear chemistry. Topics are covered at a faster pace than Chemistry with in-depth quantitative reasoning as the focus of each topic of study. Independent student projects and scientific investigations are course requirements.

## Chemistry

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology or equivalent
State Course Code: 03101A000
Proviso Course Code: SCI110101
This course involves studying the composition, properties, and reactions of substances. The class explores such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, atomic structure, chemical formulas and equations, thermochemistry, and nuclear chemistry.

## Chemistry Instructional

Grade: 10-11
Length: 2 semesters
Credit: 1.0

Prerequisite: Biology Instructional or equivalent
State Course Code: 03101A000
Proviso Course Code: SCI710101
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Chemistry Instructional involves studying the composition, properties, and reactions of substances. The class explores such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, atomic structure, chemical formulas and equations, thermochemistry, and nuclear chemistry.

## Chemistry EL

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology EL or equivalent
State Course Code: 03101A000
Proviso Course Code: SCI813101
English Learners in this course study principles of atomic and molecular structure, bonding, and stoichiometry, states of matter, kinetic molecular theory, and solutions. Corresponding laboratory experiments include volumetric and gravimetric analyses, a qualitative study of reactions, visible spectrophotometry, and problem-based analyses. It is intended for all students whose majors require general chemistry, including science majors and preprofessionals. This course also satisfies the general education laboratory science requirement for students with previous chemistry experience. English Learners may receive sensory, graphic, and interactive support. Instruction primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary.

## Earth Science

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology or equivalent
State Course Code: 03001A000
Proviso Course Code: SCI113001
This course offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this class explores oceanography, geology, astronomy, meteorology, and geography.

## Earth Science Instructional

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology Instructional or equivalent
State Course Code: 03001A000
Proviso Course Code: SCI713001
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Earth Science Instructional offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this class explores oceanography, geology, astronomy, meteorology, and geography.

## Earth Science EL

Grade: 11-12
Length: 2 semesters
Credit: 1.0

Prerequisite: Chemistry EL or equivalent
State Course Code: 03001A000
Proviso Course Code: SCI813001
English Learners in this course study principles of the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this class explores oceanography, geology, astronomy, meteorology, and geography. English learners may receive sensory, graphic, and interactive support. Instruction occurs in English, but native language support may be used to clarify concepts if needed.

## Forensic Science

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology and Chemistry or equivalents
State Course Code: 15055A000
Proviso Course Code: SCI113214
This course investigates the history of forensic science, methods of investigating a crime scene, types of evidence, analysis of fingerprints, hair, fibers, drugs, glass, soil, and blood. In addition, students explore agencies that offer forensics services typical of labs and careers in forensic science. The class relies heavily on labs, text readings of forensic journals, and videos.

## IB Biology - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 03057A000
Proviso Course Code: SCI411057
In this course, students study the living world from the molecular level through the ecosystem level and investigate the way living systems function. Through the study of sciences, students become aware of how scientists work and communicate with each other. They approach the scientific method in a practical manner although possibly in different forms. Through the overarching theme of the "Nature of Science," their knowledge and skills are applied to the context of the way science and scientists work in the $21^{\text {st }}$ Century and the ethical debates and limitations of creative scientific endeavors. In this hands-on course, students design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers, and evaluate and communicate their findings. Students undertake a project in which they investigate one of the science disciplines from a variety of topics. Topics include Cell Biology; Molecular Biology; Genetics, Biotechnology and Bioinformatics.

## IB Biology - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Biology - DP Year 1
State Course Code: 03057A000
Proviso Course Code: SCI412057
Students continue their study of living systems through the scientific method following the same approach and philosophy as DP Year 1. Topics include Ecology; Evolution and Biodiversity; Human Physiology; Plant Biology. Students are required to take the IB examinations in May which include short and extended response questions.

## Physics Honors

Grade: 11-12
Length: 2 semesters

Credit: 1.0
Prerequisite: Biology Honors, Chemistry Honors, and Teacher Recommendation
State Course Code: 03151A000
Proviso Course Code: SCI213151
This course involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study in this class also includes examination of sound, light, and magnetic and electric phenomena. Special emphasis of Physics Honors is the development of critical thinking associated with effective laboratory investigation.

## Physics

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology and Chemistry or equivalents
State Course Code: 03151A000
Proviso Course Code: SCI113151
This course involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study in this class includes examination of sound, light, and magnetic and electric phenomena.

## Physics Instructional

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology Instructional and Chemistry Instructional or equivalents
State Course Code: 03151A000
Proviso Course Code: SCI713151
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Physics Instructional involves the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study in this class includes examination of sound, light, and magnetic and electric phenomena.

## Physics EL

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Biology EL or Chemistry EL or equivalent
State Course Code: 03151A000
Proviso Course Code: SCI813151
English Learners in this course study the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study in this class includes examination of sound, light, and magnetic and electric phenomena. English Learners may receive sensory, graphic, and interactive support. Instruction occurs in English, but native language support may be used to clarify concepts if needed.

## East \& West Science Course Progression SY23/24



Notes
A Class offered on a rotating schedule
$A P=$ Advanced Placement
/B = International Baccalaureate
IH = international Honors
Proviso Township High Schools District 209

## Social Science

The Social Science Department offers opportunities for students in the social sciences and humanities. 3 credits are required. US History, Black History, \& Civics are required. AP US Government meets the Civics requirement. African American History meets the Black History requirement.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| African American History ${ }^{+}$ |  |  |  | X | 0.5 | World Civilizations |
| AP European History |  |  |  | X | 1.0 | US History and Teacher Recommendation |
| AP Human Geography | X | X | X | X | 1.0 | Placement Test or Teacher Recommendation |
| AP Psychology |  |  |  | X | 1.0 | Psychology and Teacher Recommendation |
| AP US Government \& Politics |  | X | X | X | 1.0 | US History and Teacher Recommendation |
| AP US History |  |  | X | X | 1.0 | US History and Teacher Recommendation |
| AP World History |  | X | X | X | 1.0 | Placement Test or Teacher Recommendation |
| World Civilizations Honors | X |  |  |  | 1.0 | Placement Test or Teacher Recommendation |
| Black History 365+ |  | X |  |  | 0.5 | World Civilizations |
| Black History 365 Instructional ${ }^{+}$ |  | X |  |  | 0.5 | World Civilizations Instructional |
| Black History 365 EL ${ }^{+}$ |  | X |  |  | 0.5 | World Civilizations EL |
| Civics Honors |  | X | X | X | 0.5 | World Civilizations Honors |
| Civics |  | X | X | X | 0.5 | World Civilizations |
| Civics Instructional |  | X | X | X | 0.5 | World Civilizations Instructional |
| Civics EL |  | X | X | X | 0.5 | World Civilizations EL |
| IB History - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB History - DP Year 2 |  |  |  | X | 1.0 | IB History - DP Year 1 |
| IB Psychology |  |  | X | X | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| Issues in America |  |  | X | X | 1.0 | World Civilizations |
| Law \& Society |  |  | X | X | 0.5 | World Civilizations |
| Latin American History |  |  | X | X | 0.5 | World Civilizations |
| Psychology |  |  | X | X | 0.5 | World Civilizations |
| Sociology |  |  | X | X | 0.5 | US History |
| US History |  |  | X |  | 1.0 | World Civilizations |
| US History Instructional |  |  | X |  | 1.0 | World Civilizations Instructional |
| US History EL |  | X | X |  | 1.0 | World Civilizations EL |
| World Civilizations | X |  |  |  | 1.0 | None |
| World Civilizations Instructional | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| World Civilizations EL | X | X |  |  | 1.0 | None |
| World Geography Honors |  |  | X | X | 0.5 | World Civilizations Honors |
| World Geography |  |  | X | X | 0.5 | World Civilizations |
| World Geography EL |  | X | X |  | 0.5 | World Civilizations EL |

[^2]
## African American History

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04109A000
Proviso Course Code: SOC112990
This course examines the history, politics, economics, society and/or culture of African Americans in the United States. African American History may focus primarily on the history of individuals of African Ancestry and take a more comprehensive approach to studying the contemporary issues affecting African Americans.

## AP ${ }^{\circledR}$ European History

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: US History and Teacher Recommendation
State Course Code: 04056A000
Proviso Course Code: SOC312056
Following the College Board's suggested curriculum designed to parallel college-level European History courses, AP ${ }^{\circledR}$ European History examines European civilization from the High Renaissance period to the recent past and exposes students to the factual narrative. Additionally, this course helps students develop an understanding of principal themes in modern European history in order to analyze historical evidence and express that understanding and analysis in writing. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Human Geography

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test or Teacher Recommendation
State Course Code: 04004A000
Proviso Course Code: SOC309004
The AP® Human Geography course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and altercation of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about methods and tools geographers use in their research and applications. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Psychology

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Psychology and Teacher Recommendation
State Course Code: 04256A000
Proviso Course Code: SOC312256
The AP ${ }^{\circledR}$ Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about
the ethics and methods psychologists use in their science and practice. In this course, students explore how psychologists use research methods and critical analysis to explore human behavior. They also discuss how biological, cognitive, and cultural factors converge and facilitate the acquisition, development, and use of language. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ US Government \& Politics

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: US History and Teacher Recommendation
State Course Code: 04157A000
Proviso Course Code: SOC312157
$\mathrm{AP}^{\circledR}$ US Government \& Politics gives students an analytical perspective on government and politics in the United States. This course includes the study of general concepts used to interpret US government and politics and the analysis of specific examples. Students become familiar with the variety of theoretical perspectives and explanations for various behaviors and outcomes in this course. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ US History

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: US History and Teacher Recommendation
State Course Code: 04104A000
Proviso Course Code: SOC312104
AP ${ }^{\circledR}$ US History is intended for qualified students wishing to take a college-level US History course while still in high school. This course is comprised of a chronological survey based on seven recurring historical themes with emphasis on the incorporation of historical thinking skills as constructed by the College Board, an important objective in preparing students for the AP US History Examination. Students typically take this course junior year but can elect to take the course senior year. This course satisfies the US History graduation requirement. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ World History

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test or Teacher Recommendation
State Course Code: 04057A000
Proviso Course Code: SOC310067
Following the College Board's suggested curriculum designed to parallel college-level World History courses, $\mathrm{AP}^{\circledR}$ World History examines world history from 8000 BCE to the present with the aim of helping students develop a greater understanding of the evolution of global processes and contracts and how different human societies have interacted. AP ${ }^{\oplus}$ World History highlights the nature of changes in an international context and explores their causes and continuity. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Black History 365

Grade: 10

Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04107A000
Proviso Course Code: SOC110107
This course covers the unique stories of black persons, groups, and cultures in North America, beginning in Ancient Africa continuing to modern events and movements. The rich content and activities in this course serve as a gateway to connecting history to daily life, engaging students of all ethnicities in an inclusive account of American history.

## Black History 365 Instructional

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations Instructional
State Course Code: 04107A000
Proviso Course Code: SOC710107
This course covers the unique stories of black persons, groups, and cultures in North America, beginning in Ancient Africa continuing to modern events and movements. The rich content and activities in this course serve as a gateway to connecting history to daily life, engaging students of all ethnicities in an inclusive account of American history.

## Black History 365 EL

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations EL
State Course Code: 04107A000
Proviso Course Code: SOC810107
This course covers the unique stories of black persons, groups, and cultures in North America, beginning in Ancient Africa continuing to modern events and movements. The rich content and activities in this course serve as a gateway to connecting history to daily life, engaging students of all ethnicities in an inclusive account of American history.

## Civics Honors

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations Honors
State Course Code: 04161A000
Proviso Course Code: SOC212165
Civics Honors examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government with powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Civics Honors covers each unit of Civics with more depth and at a faster pace than Civics.

## Civics

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04161A000
Proviso Course Code: SOC112165
Civics examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

## Civics Instructional

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations Instructional
State Course Code: 04161A000
Proviso Course Code: SOC712165
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Civics Instructional examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

## Civics EL

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations EL
State Course Code: 04161A000
Proviso Course Code: SOC812165
Civics courses examine the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students will evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. English Learners may receive sensory, graphic, and interactive support. Instruction occurs in English, but native language support may be used to clarify concepts if needed. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04054A000
Proviso Course Code: SOC411054
This course introduces the understanding of history as a discipline, including the nature and diversity of its sources, methods, and interpretations. It also helps students gain a better understanding of the present through critical reflection of the past. It requires students to make comparisons between similar and dissimilar solutions to common situations, political, economic, or social. It invites comparisons between, but not judgments of, different cultures, political systems, and national traditions. They study the history of the United States, Canada, and Latin America. Topics include Causes, Course, and Effects of the American Civil War; Causes and Effects of $20^{\text {th }}$ Century Wars; The Great Depression and the Americas; Civil Rights and Social Movements in the Americas Post-1945.

## IB History - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB History - DP Year 1
State Course Code: 04054A000
Proviso Course Code: SOC412054
Students continue the study of the history of the United States, Canada and Latin America as well as involvement in and impact on global events. Topics include Results of the Great Depression and Links to Military Expansion in Asia and Europe, Move to Global War, and the Cold War. Students undertake an individual Historical Investigation. Additionally, students are required to sit the IB examinations in May which include source-based and essay papers.

## IB Psychology

Grade: 11 (DP Programme or Certificate), 12 (Certificate only)
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04257A000
Proviso Course Code: SOC413257
Psychology is the systemic study of behavior and mental processes. With roots in both natural and social science, it uses a variety of research methodologies to develop an understanding of modern society. Students examine the biological, cognitive, and sociocultural influences on human behavior and explore various ethical implications of psychological research. Students become aware of the benefits of psychological research, follow ethical practices in their own research, and study alternative explanations of behavior. They are required to conduct an experiment and produce a report on it. Additionally, students are required to sit the IB examinations in May.

## Issues in America

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: World Civilizations
State Course Code: 04106A000
Proviso Course Code: SOC113199
Issues in America studies the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. This course may focus on current issues or may examine selected issues that span throughout the $20^{\text {th }}$ Century to the present.

## Latin American History

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04155A000
Proviso Course Code: SOC113299
Latin American History examines the history, politics, society, and culture of countries located in Latin America. This course may focus primarily on the history of individuals and groups of people in Latin America and/or take a concentrated focus on the contemporary issues affecting Latin Americans and Hispanics.

## Law \& Society

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04163A000
Proviso Course Code: SOC110165
This semester course is a survey of the criminal justice system, including the agencies, legal terminology and processes involved in the administration of criminal justice. It provides an overview of police, prosecution, courts, and the correctional system. An analysis of crimes and their proof in context of practical fact situations, along with the problems of the administration of justice in a democratic society are also discussed. In this course, students learn the differences between tort law and criminal law. They are introduced to constitutional law and civil law and use a variety of different formats to explain their viewpoint on each issue through integrating argumentative literacy, Moot Court and DBQ projects.

## Psychology

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04254A000
Proviso Course Code: SOC113254
Psychology introduces students to the study of individual human behavior. The course content typically includes but is not limited to an overview of the following topics: the field of psychology, brain, body and behavior, sensation and perception, motivation and emotion, consciousness, and principles of learning.

## Sociology

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: US History
State Course Code: 04258A000
Proviso Course Code: SOC112258
Sociology introduces students to the study of human behavior in society. This course provides an overview of sociology, including but not limited to topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

## US History

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: World Civilizations
State Course Code: 04101A000
Proviso Course Code: SOC111101
US History is designed to provide students with inquiry skills, and background knowledge necessary to critically analyze cultural, political, economic, social, and intellectual events in American History. This course takes a chronological approach to teaching US History and teaches students how to use primary sources, documentary material, statistical tables, graphs, maps, and chats as historical evidence. The curriculum is designed to prepare students for later academic work by emphasizing analytical and discussion skills development.

## US History Instructional

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: World Civilizations Instructional
State Course Code: 04101A000
Proviso Course Code: SOC711101
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. US History Instructional is designed to provide students with inquiry skills, and background knowledge necessary to critically analyze cultural, political, economic, social, and intellectual events in American History. This course takes a chronological approach to teaching US History and teaches students how to use primary sources, documentary material, statistical tables, graphs, maps, and chats as historical evidence. The curriculum is designed to prepare students for later academic work by emphasizing analytical and discussion skills development.

## US History EL

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: World Civilizations EL
State Course Code: 04101A000
Proviso Course Code: SOC813101
This course is designed to provide students with inquiry skills, and background knowledge necessary to critically analyze cultural, political, economic, social, and intellectual events in American History. The course takes a chronological approach to teaching US History and will teach students how to use primary sources, documentary material, statistical tables, graphs, maps, and charts as historical evidence. Analytical and discussion skills are designed to prepare students for later academic work. English Learners may receive sensory, graphic, and interactive support. Instruction primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary.

## World Civilizations Honors

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test or Teacher Recommendation
]State Course Code: 04051A000
Proviso Course Code: SOC209051

World Civilizations Honors provides students with an in-depth study of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. Course content is covered at a greater depth and at a fast pace than World Civilizations.

## World Civilizations

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 04051A000
Proviso Course Code: SOC109051
World Civilizations provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.

## World Civilizations Instructional

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None (Diverse Learners will be placed based upon alignment to their IEP.)
State Course Code: 04051A000
Proviso Course Code: SOC709051
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. World Civilizations Instructional provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments.

## World Civilizations EL

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 04051A000
Proviso Course Code: SOC813051
This course is designed to provide students with inquiry skills, and background knowledge necessary to critically analyze cultural, political, economic, social, and intellectual events in World History. The course takes a chronological approach to teaching world civilizations and shows students how to use primary sources, documentary material, statistical tables, graphs, maps, and charts as historical evidence. Analytical and discussion skills are designed to prepare students for later academic work. English Learners may receive sensory, graphic, and interactive support. Instruction occurs in English. Native language support is used to clarify concepts when needed.

## World Geography Honors

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations Honors
State Course Code: 04001A000
Proviso Course Code: SOC210001
In this course, students are provided with an in-depth study of world geography. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and
development; and the movement of people, goods, and ideas. This course progresses at a faster pace than World Geography.

## World Geography

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: World Civilizations
State Course Code: 04001A000
Proviso Course Code: SOC110001
In this course, students are provided with an overview of world geography. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas.

## World Geography EL

Grade: 11-12
Length: 1 semester
Credit: . 5
Prerequisite: World Civilizations EL
State Course Code: 04001A000
Proviso Course Code: SOC813001
In this course, students are provided with an overview of world geography. Topics include the physical environment; the political landscape; the relationship between people and the land; economic production and development; and the movement of people, goods, and ideas. English Learners may receive sensory, graphic, and interactive support. Instruction occurs in English. Native language support is used to clarify concepts when needed.

## East \& West Social Science Course Progression SY23/24



> Notes ${ }^{1}$ One semester class * In 5 Y23/24 and $5 Y 24 / 25$ for students who have not taken Civics in prior years ${ }^{\text {C }}$ Fulfills $158 E$ Consumer Education requirement beginning $5 Y 23 / 24$ + Fulfills Civics graduation requirement Courses are placed above in the recommended year. Reference the Curriculum Handbook for specific prerequisites. Con

## Special Education for Diverse Learners (DL)

Diverse learners include students of all abilities from racially, ethnically, culturally, and linguistically diverse backgrounds. Understanding the diversity of students can assist in fostering learning environments that are inclusive and more effective. We believe that all students can learn. We provide diverse learners with equal access to regular education programs and facilities. Decisions regarding programs and placement are based on what is best for the student and provided within the school of attendance whenever possible. Diverse learners are taught in the least restrictive environment by qualified staff utilizing individualized methods and materials reflecting best practices. Diagnostic and support services are available to students in a non-discriminatory manner and recognizes the individual needs and differences of children, their families, their culture, and the community in which they live.

## Continuum of Services

The continuum of services for diverse learners includes the educational placements below.

## General Education

Diverse learners who do not need specialized services are eligible for this option. This is the first point of consideration when determining educational placement.

## Consultation

The general education teacher presents instruction, and the special education teacher monitors the students' progress and consults with the general education teacher who delivers the service.

## Collaborative Consultation

Diverse learners with mild to moderate needs. Students received direct interventions from the special educator in the general education classroom 2-3 times per week for 30-45 minutes. The special educator serves as a support to diverse learners in the classroom and primarily ensures the periodic challenge the students' disability presents does not interfere with learning. These students must be able to function without the daily intervention of the special educator.

## Collaborative Instruction (Co-Teaching)

Special and general educators serve as instructional partners. Diverse learners in co-taught courses require direct intervention from a special educator on a daily basis. Students who present with basic skills may not be independent learners. Students are provided access to the general education curriculum and setting and have the opportunity to be taught in an intense, individualized manner in their least restrictive environment. Co-taught classes are available at Proviso East and Proviso West in core content areas across all grade levels. These courses may also be used for special education and EL programs. Course descriptions can be found in the academic department listings.

## Learning Strategies

The purpose of Learning Strategies is to provide resource assistance to students with Individualized Education Plans (IEPs) with their classes in the general education setting. The program provides strategies for students to organize, prioritize and process their assignments. This time is also used for test accommodations to be provided. A student may collaborate with the Learning Strategies teacher to strengthen individual learning processes and develop methods for demonstrating mastery of a subject. This class meets for one class period during the academic day. It is weighted as an elective course and does not interfere with graduation requirements.

## Instructional (Self-Contained)

Instructional Program provides special education services within the special education setting to diverse learners who require specialized small group instruction and/or intensive case management. This program provides a level of intervention in a general education school building that exceeds the services provided in the resource program. These classrooms are located at Proviso East and Proviso West High Schools and provide differentiated academic instruction at each student's individual academic level using specialized research-based materials and methods in a least restrictive school setting. It is the goal to increase instruction in the general education setting with continued support. Descriptions for Instructional classes are within the academic department listings.

## Life Skills Program

## Purpose

The purpose of the Life Skills Program is to provide instruction within a general education -school setting to students identified with significant cognitive disabilities or may be identified with high functioning autism and/or demonstrate difficulties with socialization, executive functioning, and organizational skills. The needs of these students require a functional curriculum focused on the acquisition of daily living and vocational skills leading to a -successful transition to adult life within the community.

## Program Goals

- To provide differentiated instruction in a public-school setting to foster development of practical academic, communication, community, domestic, recreational/leisure, and vocational skills appropriate to each student's cognitive level and ability.
- To provide opportunities for integrated activities with general education peers.
- To offer career exploration, job-sampling, and vocational experiences in preparation for adult life.
- To maximize independent functioning in the school, home, community, and work environments.


## Entrance Criteria

- Evaluation and special education eligibility indicating a cognitive disability or autism with commensurate adaptive skills.
- Determination by the school-based IEP Team that a functional curriculum and life skills services are appropriate.
- A determination by the school-based IEP Team that the student's educational needs cannot be met in a less restrictive setting.


## Exit Criteria

- Students may exit the Life Skills Program based upon the school-based IEP Team's determination that a different program would better address the student's needs.
- Students will exit the Skills Program upon acceptance of a high school diploma.
- Students will exit the Life Skills Program if the school-based IEP Team determines the student will transfer into an 18 to 22 -year-old transitional program.
- Students will exit the Life Skills Program upon the determination that he/she is no longer eligible for special education services
- Students may exit the Life Skills Program if the parent or guardian chooses to discontinue services.

Special Education

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| English 1 Instructional** | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| English 2 Instructional |  | x |  |  | 1.0 | English 1 Instructional or equivalent |
| English 3 Instructional |  |  | x |  | 1.0 | English 2 Instructional or equivalent |
| English 4 Instructional |  |  |  | x | 1.0 | English 3 Instructional or equivalent |
| Learning Strategies^ | x | X | X | x | 1.0 | Alignment to IEP and ACCESS/WIDA <br> Screener Placement/Elective credit only |
| Strategic Reading^ | x | x | x | x | 1.0 | Placement Test Score |
| Integrated Math 1 Instructional | x |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| Integrated Math 2 Instructional |  | x |  |  | 1.0 | IM1 Instructional or Algebra 1 |
| Integrated Math 3 Instructional |  |  | x |  | 1.0 | IM2 Instructional or Geometry |
| Biology Instructional | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| Chemistry Instructional |  | X |  |  | 1.0 | Biology Instructional or equivalent |
| Earth Science Instructional |  | X | X | X | 1.0 | Biology Instructional or equivalent |
| Physics Instructional |  |  | X | X | 1.0 | Biology Instructional and Chemistry Instructional or equivalents |
| World Civilizations Instructional | X |  |  |  | 1.0 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| Black History 365 Instructional ${ }^{+}$ |  | x |  |  | 0.5 | World Civ Instructional or equivalent |
| US History Instructional |  |  | x |  | 1.0 | World Civ Instructional or equivalent |
| Civics Instructional |  |  |  | x | 0.5 | US History Instructional or equivalent |
| Health Education Instructional | X | x |  |  | 0.5 | None (Diverse Learners will be placed based upon alignment to their IEP.) |
| English 9/10 Functional* | X | X |  |  | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| English 11/12 Functional* |  |  | X | X | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Math 9/10 Functional* | X | x |  |  | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Math 11/12 Functional* |  |  | X | X | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Science 9/10 Functional* | x | X |  |  | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Science 11/12 Functional* |  |  | X | X | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Social Science 9/10 Functional * | X | X |  |  | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |
| Social Science 11/12 Functional* |  |  | X | X | 1.0 | Diverse Learners will be placed based upon alignment to their IEP. |


| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Adaptive PE | x | x | x | x | 1.0 | Diverse Learners will be placed based upon <br> alignment to their IEP. |
| Health Education Functional* |  |  | x | x | 0.5 | None (Diverse Learners will be placed based <br> upon alignment to their IEP.) |
| Driver's Education: Classroom <br> Functional* |  | x | x | 0.5 | None (Diverse Learners will be placed based <br> upon alignment to their IEP.) |  |
| Career Exploration* | x | x |  |  | 1.0 | Alignment to IEP |
| Employability Skills* |  | x | x |  | 1.0 | Alignment to IEP |
| Vocational Cooperative Education* |  |  | x | x | 1.0 | Alignment to IEP |

\#Prerequisite courses must be completed with a passing grade.
${ }^{+}$This course satisfies the Black History graduation requirement.

* This course is exclusively for the Life Skills Program.
** Transitional EL students will be placed by Test Score or Teacher Recommendation.
$\wedge$ Elective credit only


## Course Descriptions (in alphabetical order by educational placement)

Instructional

## Biology Instructional

Please see course description in the Science Department section of this document.

## Black History 365 Instructional

Please see course description in the Social Science Department section of this document.

## Chemistry Instructional

Please see course description in the Science Department section of this document.

## Civics Instructional

Please see course description in the Social Science Department section of this document.

## Earth Science Instructional

Please see course description in the Science Department section of this document.
English 1-4 Instructional
Please see course descriptions in the English Department section of this document.

## Health Education Instructional

Please see course description in the Wellness Department section of this document.

## Integrated Math 1-3 Instructional

Please see course descriptions in the Math Department section of this document.

## Learning Strategies

Please see course description in the English Department section of this document.

## Physics Instructional

Please see course description in the Science Department section of this document.

## Strategic Reading

Please see course description in the English Department section of this document.

## US History Instructional

Please see course description in the Social Science Department section of this document.

## World Civilizations Instructional

Please see course description in the Social Science Department section of this document.

## ENGLISH COURSES

## English 9/10 Functional

Grade: 9/10
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 01001A000/01002A000
Proviso Course Code: LIF713011
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 9/10 Functional is a foundational English course for freshmen and sophomores, focusing on the integration of reading, writing, speaking, and listening skills. Students learn to read for both appreciation and meaning while striving to become critical and creative thinkers. This course emphasizes the stretching of reading Lexile levels so that students are successful at reading a variety of texts, conducting research, and composing essays. Students examine the types of literature, including short stories, nonfiction, poetry, novels, and drama; complete research projects, utilizing technology and various resources; practice oral skills through presentations; and write well-developed compositions in narrative, argumentative, expository, and creative formats. Grammar, usage, and vocabulary development are embedded in course content through a variety of writing tasks. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## English 11/12 Functional

Grade: 11/12
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 01003A000/01004A000
Proviso Course Code: LIF713021
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 11/12 Functional is a required junior-level course designed to introduce students to American literature and provide students with a foundation for further literary study at the collegiate level. Students explore a variety of literature while answering essential questions that provide a framework for relating the literature to their worlds. Units of study are divided into the following time periods: early America, $18^{\text {th }}$ Century, early $19^{\text {th }}$ Century, early $20^{\text {th }}$ Century, and the latter part of the $20^{\text {th }}$ Century. Students are introduced to a variety of literary selections which will assist them in transitioning to the collegiate level. They use literature to enhance their analytical and critical thinking skills. Students learn the techniques of writing through the study of literature and practice the use of literary devices, clear and concise writing patterns, and appropriate syntax and diction. Preparing students to be both career and college ready, this in-depth survey course requires students to write critical and comparative analyses through novels, poetry, drama, and film and real-world applications. Enrichment opportunities are provided to students to prepare them for college level writing through research. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## MATH COURSES

## Math 9/10 Functional

Grade: 9/10
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 02062A000
Proviso Course Code: LIF713062

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Math 9/10 Functional topics include recognizing and developing patterns using tables, graphs, and equations. Mathematical modeling is used to solve problems. Students explore operations on algebraic expressions and apply mathematical properties to algebraic linear equations. They problem solve using equations, inequalities, graphs, and tables and investigate linear relationships, including comparing and contrasting options and decision-making using algebraic models. Students study linear and exponential functions, including application and interpretation of statistics and real-world situations. They reason about functions and the number and nature of solutions to equations, systems of equations, and inequalities. Reinforcement of topics from two-dimensional Geometry is integrated, including applications of area and perimeter, the Pythagorean Theorem, and geometric proportion. An introduction to mathematical probability is provided to reinforce use of fractions and numerical modeling. This course is designed to combine some of the intermediate principles of Algebra 1, Geometry, Algebra 2, and Probability. Topics include quadratic functions, similarity and congruence, circles, basic trigonometric functions and probability. Technology is used to introduce and expand upon the areas of study. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Math 11/12 Functional

Grade: 11/12
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 02064A000
Proviso Course Code: LIF713064
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Math 11/12 Functional completes the course sequence of Math 9/10 Functional and is designed to further explore the principles introduced in Math 9/10 Functional in preparation for enrolling in advanced math courses. Students expand their knowledge of linear, exponential, and quadratic functions to polynomial, rational, and trigonometric functions. They extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## SCIENCE COURSES

## Science 9/10 Functional

Grade: 9/10
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 03051A000/03001A000
Proviso Course Code: LIF713012
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Science 9/10 Functional includes the fundamental concepts of life and life processes. The course includes but is not limited to such topics as cell structure and function, plant and animal physiology, genetics, and taxonomy. This course also offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this class explores oceanography, geology, astronomy, meteorology, and geography. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Science 11/12 Functional

Grade: 11/12
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 03101A000/03151A000

Proviso Course Code: LIF713121
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Science 11/12 Functional involves studying the composition, properties, and reactions of substances. Students explore such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, atomic structure, chemical formulas and equations, thermochemistry, and nuclear chemistry. This course also teaches the forces and laws of nature affecting matter; e.g., equilibrium, motion, momentum, and the relationships between matter and energy. Students examine sound, light, and magnetic and electric phenomena. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## SOCIAL SCIENCE COURSES

## Social Science 9/10 Functional

Grade: 9/10
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 04051A000
Proviso Course Code: LIF713052
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Social Science 9/10 Functional is an overview of the history of human society from early civilization to the contemporary period, an examination of political, economic, social, religious, military, scientific, and cultural developments. This course also covers the unique stories of black persons, groups, and cultures in North America, beginning in Ancient Africa continuing to modern events and movements. The rich content and activities serve as a gateway to connecting history to daily life, engaging students of all ethnicities in an inclusive account of American history. This course also gives an overview of world geography. Topics include physical environment; political landscape; relationship between people and land; economic production and development; and movement of people, goods, and ideas. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Social Science 11/12 Functional

Grade: 11/12
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 04101A000
Proviso Course Code: LIF713101
This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. US History Functional is designed to provide students with inquiry skills, and background knowledge necessary to critically analyze cultural, political, economic, social, and intellectual events in American History. This course takes a chronological approach to teaching US History and teaches students how to use primary sources, documentary material, statistical tables, graphs, maps, and chats as historical evidence. The curriculum is designed to prepare students for later academic work by emphasizing analytical and discussion skills development. This course also examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course satisfies a graduation requirement. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## WELLNESS CLASSES

## Adaptive PE 9/10

Grade: 9/10
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 08001A000/08001A000
Proviso Course Code: LIF713005
This course is an introduction to team and individual sports, fitness strategies, and aquatics. Aquatics focuses on water safety and basic swim. Students are introduced to the basic skills and vocabulary needed to participate successfully in physical activities. Students learn the proper execution of all resistance and weightlifting equipment. This course also provides an enhancement to team and individual sports, fitness strategies, and aquatics. Students develop team-building skills through the connection of team sports. They improve their fitness levels through the application of personal fitness strategies and continue their basic skill development in aquatics with a focus on stroke development, deep water swimming, and underwater swimming.

## Adaptive PE 11/12

Grade: 11/12
Length: 2 semesters
Credit: 1.0
Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.
State Course Code: 08001A000/08001A000
Proviso Course Code: LIF713007
This course is designed to enhance the skills, techniques and strategies used for individual and team sports. Students create, apply, and execute offensive and defensive strategies for sports-related activities. Individual fitness principles, strategies, and techniques are developed through the designing of individualized fitness plans. Students in this class also develop skills and fitness by participating in recreational games that are not traditionally teambased, such as tennis, badminton, ultimate frisbee, ping pong, bowling, etc. Students create, apply, and execute offensive and defensive strategies for sports-related activities. Individual fitness principles, strategies, and techniques are developed through the designing of individualized fitness plans.

## Health Education Functional

Grade: 9-12
Length: 1 semester
Credit: 0.5
Prerequisite: Alignment to IEP
State Course Code: 08051A000
Proviso Course Code: LIF713051
Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. Other topics include environmental health, personal development, and/or community resources. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Driver's Education: Classroom Functional

Grade: 11-12
Length: 1 semester
Credit: 0.5:
Prerequisite: Alignment to IEP
State Course Code: 08151A000
Proviso Course Code: LIF710151

This course provides students with the knowledge and responsibilities to become safe drivers on America's roadways. Topics in these courses include legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability including alcohol and other drugs. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## OTHER COURSES

## Career Exploration

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: Alignment to IEP
State Course Code: 22151A000
Proviso Course Code: LIF713151
Career Exploration helps students identify and evaluate personal goals, priorities, aptitudes, and interests to help them make informed decisions about their careers. This course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Employability Skills

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: Alignment to IEP
State Course Code: 22152A000
Proviso Course Code: LIF713152
Employability Skills helps students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in an advance within the workplace. Course content may also include consumer education and personal money management topics. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## Vocational Cooperative Education

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Alignment to IEP
State Course Code: 22998A000
Proviso Course Code: LIF713998
This course provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). Vocational Cooperative Education may include classroom activities as well, involving further study of the field or discussion of experiences that students encounter in the workplace. This course is part of the Life Skills program. This course satisfies the consumer education state requirement. Content will be modified to the students' instructional level.

## THEATRE

The Theatre Department provides opportunities for students to explore the performing arts. These courses can be taken for elective credit only.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {P }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Advanced Theatre* |  | x | x | x | 1.0 | Theatre, Audition, or Teacher Recommendation <br> (Elective credit only) |
| Theatre* $^{\text {* }} \mathrm{X}$ | x | x | x | x | 1.0 | None (Elective credit only) |

\# Prerequisite courses must be completed with a passing grade.

* Students earn elective credit for this course in concurrence with the required English course or equivalent.


## Course Descriptions (in alphabetical order)

## Advanced Theatre

Grade: 10-12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: Theatre, Audition, or Teacher Recommendation
State Course Code: 05053A000
Proviso Course Code: THE113055
In this course, students continue to develop their skills in acting, play production, and creative writing. They present one public performance of a play or other scripted performance each semester.

## Theatre

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None/Must be taken in concurrence with required English course or equivalent/Elective credit only State Course Code: 05052A000
Proviso Course Code: THE113051
This course is an introduction to theatre and basic acting and is designed to increase students' understanding, appreciation, and ideas of theatre. Principles of improvisation, theatre history, and theatre as an art form are covered during the semester. Stage blocking, monologues, ensemble acting, short dramas, and basic make-up and stagecraft are covered in the second semester. Students participate in class forum discussions as well as writing and sharing of theatre critiques. Reading, writing, rehearsing, and memorizing are vital to success in Theatre. Play attendance and critiques are required each quarter. Contribution to school productions is also required.


WELLNESS
The Wellness Departments offers courses in physical education, health, driver's education, aquatics, and fitness. 4 credits are required. Health is required.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\#}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Freshmen Physical Education | X |  |  |  | 0.5 | None |
| Modified Physical Education | X | X | X | X | $\mathbf{0 . 5}$ | Medically required/Alignment to IEP |
| Health Education | X | X | X | X | $\mathbf{0 . 5}$ | None |
| Sophomore Physical <br> Education |  | X |  |  | 0.5 | Freshman Physical Education or equivalent |
| Advanced Aquatics |  | X | X | X | 0.5 | Basic swimming skills |
| Competitive Team Sports |  | X | X | X | 0.5 | Freshman Physical Education or equivalent |
| Driver's Education: In the <br> Classroom |  | X | X | X | 0.5 | Must have at least 6.0 credits at the start of <br> year 2 in high school, 80\% attendance rate <br> during previous school year, and Freshman <br> Physical Education or equivalent |
| Driver's Education: Behind <br> the Wheel |  | X | X | X | 0.5 | 15 years of age, Driver's Education: In the <br> Classroom, and Driving Permit |
| Introduction to Aquatics |  | X | X | X | 0.5 | Passing grade in previous semester of PE |
| Junior/Senior Physical <br> Education |  |  | X | X | 0.5 | Sophomore Physical Education or equivalent <br> Lifetime Fitness |
| PE Activities |  | X | X | 0.5 | Freshman and Sophomore Physical Education <br> or equivalents |  |
| PE Leaders |  | X | X | 0.5 | Freshman and Sophomore Physical Education <br> or equivalents |  |

\#Prerequisite courses must be completed with a passing grade.
\#\# These courses may be eligible for Dual Credit from Triton College.

## Course Descriptions (in alphabetical order)

## Advanced Aquatics

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: Basic swimming skills
State Course Code: 08013A000
Proviso Course Code: WEL113301
During this semester-long course, students are instructed in basic swimming skills, and hone their leadership abilities in a pool facility. This course also includes instruction in the latest techniques in water safety, swimming and non-swimming rescues, CPR, Automated External Defibrillator (AED), and First Aid Training for the professional rescuer. Successful students may earn lifeguarding certification through Starfish Aquatics Institute.

## Competitive Team Sports

Grade: 10-12
Length: 1 semester

Credit: 0.5
Prerequisite: Freshman Physical Education or equivalent
State Course Code: 08002A000
Proviso Course Code: WEL113002
This course is designed to integrate individual and team building skills using the techniques and strategies involved in sports. Students learn the skills involved in sports and are assessed on skill growth and the ability to execute the rules and strategies of the game, to exhibit overall sportsmanship, and to work within a team to achieve a goal. Fitness principles, strategies, and techniques will also be infused into the curriculum throughout the semester using a variety of facilities and equipment.

## Driver's Education: Behind the Wheel

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: 15 years of age, Driver's Education: In the Classroom, and Driving Permit
State Course Code: 08151A000
Proviso Course Code: WEL610152
Driver's Education: Behind-the-Wheel is an optional 6-hour course. Instruction is made available to students, but it is not required for graduation. The permit allows the students to begin the required 50 hours of behind- the-wheel instruction with their parent and the 6-hour behind-the-wheel school phase either before or after school, during the school day (if class schedule permits) or during the summer. Fees: $\$ 175.00$ user fee payable to Proviso Township High Schools, a $\$ 20.00$ application fee for permit payable to the Secretary of State; and a $\$ 15.00$ workbook fee are required. All fees are subject to change depending on Illinois Law.

## Driver's Education: In the Classroom

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: Must have at least 6.0 credits at the start of year 2 in high school, $80 \%$ attendance rate during previous school year, and Freshman Physical Education or equivalent
State Course Code: 08151A000
Proviso Course Code: WEL610151
The Driver's Education program consists of two phases of instruction, classroom and behind-the-wheel (optional). It is designed to develop safe, courteous, and skillful drivers. The classroom phase emphasizes the importance of students developing desirable attitudes toward the responsibilities associated with the operation of a vehicle. At the end of this course students receive their permit, which must be held nine (9) months before they can be issued a license. Lastly, Illinois Law determines eligibility: Pursuant to Section 27-24.2 of the School Code, no student shall be permitted to enroll in a driver's education course provided by a public school district or a nonpublic school unless he or she has either: 1) received a passing grade in at least eight courses (which may include courses completed in grade 8) during the previous two semesters: 2) or, in the case of block scheduling that reduces the number of courses taken per semester, in at least half the courses taken during the previous two semesters.

## Freshman Physical Education

Grade: 9
Length: 1 semester
Credit: 0.5
Prerequisite: None
State Course Code: 08001A000
Proviso Course Code: WEL109001
This is a semester course with an introduction to team and individual sports, fitness strategies, and aquatics. Aquatics focuses on water safety and basic swim. Students are introduced to the basic skills and vocabulary needed
to participate successfully in the activities. In this course, students learn the proper execution of all resistance and weight-lifting equipment.

## Health Education

Grade: 9-12
Length: 1 semester
Credit: 0.5
Prerequisite: None
State Course Code: 08051A000
Proviso Course Code: WEL113051
This course fulfills the health education requirement for graduation as stipulated in Section 861 of The School Code of Illinois. Students study human ecology and health, human growth and development, human sexuality, prevention, and control of disease (including HIV/AIDS education), public and environmental health, consumer health, mental health and illness, personal health habits, nutrition, and dental health. Other topics include the use and abuse of alcohol, drugs, and tobacco and their short- and long-term effects on one's health and wellness.

## Introduction to Aquatics

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Passing grade in previous semester of Physical Education
State Course Code: 08010A000
Proviso Course Code: WEL113010
This class is designed for students with little to no experience in the water. Students are introduced to basic concepts of stroke technique, water safety, and introductory lifesaving techniques.

## Junior/Senior Physical Education

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Sophomore Physical Education or equivalent
State Course Code: 08001A000
Proviso Course Code: WEL113001
This course is designed to enhance the skills, techniques and strategies used for individual and team sports. Students create, apply, and execute offensive and defensive strategies for sports-related activities. Individual fitness principles, strategies, and techniques are developed through the designing of individualized fitness plans.

## Lifetime Fitness

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Freshman and Sophomore Physical Education or equivalents
State Course Code: 08016A000
Proviso Course Code: WEL113005
This course is designed to integrate the fitness principles used to improve individual fitness levels. Students develop an individual fitness plan which involves the five elements of fitness, muscular, and cardiovascular endurance, muscular strength, flexibility, and BMI. This course especially meets the training needs of our student-athletes.

## Modified Physical Education

Grade: 9-12
Length: 1 semester
Credit: 0.5

Prerequisite: Medically required/Alignment to IEP
State Course Code: 08007A000
Proviso Course Code: WEL113049
Modified classes are for students with permanent/temporary disabilities so that they may maintain a higher degree of proficiency. This course is a modification of physical education activities intended to meet the individual needs of persons with permanent or temporary disabilities. Individualized physical fitness programs are modified within medical guidelines for each student. Students work to develop and refine motor skills, hand-eye coordination, balance, and flexibility to maintain mobility. Social skills are integrated in all activities, and students are encouraged to maximize their abilities as they engage in a variety of modified sport activities.

## PE Activities

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Freshman and Sophomore Physical Education or equivalents
State Course Code: 08049A000
Proviso Course Code: WEL113003
Students in this class develop skills and fitness by participating in recreational games that are not traditionally team-based, such as tennis, badminton, ultimate frisbee, ping pong, bowling, etc. In this course, students create, apply, and execute offensive and defensive strategies for sports-related activities. Individual fitness principles, strategies, and techniques are developed through the designing of individualized fitness plans.

## PE Leaders

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Sophomore Physical Education with an A or B, Teacher Recommendation, and Application
State Course Code: 22101A000
Proviso Course Code: WEL111201
This yearlong course is offered to students who are interested in developing leadership skills within a Physical Education environment. Students concentrate on skill development, game strategies, skill analysis, officiating rules and techniques, teaching progressions and methods of organizing and administering various types of activity classes. Special emphasis is placed upon the development of responsibility for self and others, leadership skills, and peer teaching. This course is a prerequisite for the Senior Leaders course.

## Sophomore Physical Education

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: Freshman Physical Education or equivalent
State Course Code: 08001A000
Proviso Course Code: WEL110001
This is a semester course with an enhancement to team and individual sports, fitness strategies, and aquatics. In this course, students develop team-building skills through the connection of team sports. They improve their fitness levels through the application of personal fitness strategies. Students continue their basic skill development in aquatics with a focus on stroke development, deep water swimming, and underwater swimming.


Notes
All Wellness classes are 1 semester except PE Leaders and Senior Leaders
R required for graduation
\% Basic swimming skills required
A Reference Curriculum Handbook for specific requirements
Driver's Education: Behind the Wheel is offered outside the school day.
$A P=$ Adivanced Placement
IB $=$ International Baccalaureate

## World Languages

The World Languages Department offers students language instruction in Spanish and French. Students who are taking a world language course for the first time are advised to take a placement exam to determine the best instructional level for their skill in that language.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\#}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| French 1 | X | X | X |  | 1.0 | None |
| French 2 | X | X | X | X | 1.0 | French 1 or Placement Test |
| French 3 |  | X | X | X | 1.0 | French 2 or Placement Test |
| French 4 |  |  | X | X | 1.0 | French 3 or Placement Test |
| IB Language Ab Initio French SL Year 1 |  |  | X |  | 1.0 | New to language, IB application submitted |
| IB Language Ab Initio French SL Year 2 |  |  |  | X | 1.0 | IB Language Ab Initio French SL Year 1 |
| Spanish 1 | X | X | X |  | 1.0 | None |
| Spanish 1 Literature \& Culture | X | X | X | X | 1.0 | Placement Test |
| Spanish 2 | X | X | X | X | 1.0 | Spanish 1 or Placement Test |
| Spanish 2 Literature \& Culture | X | X | X | X | 1.0 | Spanish 1 Literature \& Culture or Placement Test |
| Spanish 3 |  | X | X | X | 1.0 | Spanish 2 or Placement Test |
| Spanish 3 Literature \& Culture |  | X | X | X | 1.0 | Spanish 2 Literature \& Culture or Placement Test |
| Spanish 4 |  |  | X | X | 1.0 | Spanish 3 or Placement Test |
| AP Spanish Language \& Culture |  |  | X | X | 1.0 | Spanish 4, Spanish 3 Literature \& Culture, or Teacher Recommendation |
| AP Spanish Literature \& Culture |  |  |  | X | 1.0 | Spanish 4, AP Spanish Language \& Culture, or Teacher Recommendation |
| IB Language Ab Initio Spanish SL Year 1 |  |  | X |  | 1.0 | New to language, IB application submitted |
| IB Language Ab Initio Spanish SL Year 2 |  |  |  | X | 1.0 | IB Language Ab Initio Spanish SL Year 1 |
| IB Language A Spanish - DP Year 1 |  |  | X |  |  | Acceptance into the IB Diploma or Certificate Programme |
| IB Language A Spanish - DP Year 2 |  |  |  | X |  | IB Language A Spanish - DP Year 1 |
| IB Language B Spanish - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Language B Spanish - DP Year 2 |  |  |  | X | 1.0 | IB Language B Spanish - DP Year 1 |

\#Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order by language)

## FRENCH

French 1
Grade: 9-11
Length: 2 semesters

Credit: 1.0
Prerequisite: None
State Course Code: 06121A000
Proviso Course Code: WLA113102
Designed to introduce students to French language and culture, French 1 emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.

## French 2

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: French 1 or Placement Test
State Course Code: 06122A000
Proviso Course Code: WLA113103
French 2 builds upon skills developed in French 1, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

## French 3

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: French 2 or Placement Test
State Course Code: 06123A000
Proviso Course Code: WLA113104
French 3 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

## French 4

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: French 3 or Placement Test
State Course Code: 06124A000
Proviso Course Code: WLA113105
French 4 focuses on expressing concepts both verbally and in writing while showing spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages with greater accuracy and speed and conversing easily in a variety of situations.

## IB Language Ab Initio French SL Year 1

Grade: 11
Length: 2 semesters

Credit: 1.0
Prerequisite: New to language, IB application submitted
State Course Code: 24118A000
Proviso Course Code: WLA411118
French Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

## IB Language Ab Initio French Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language Ab Initio French SL Year 1
State Course Code: 24118A000
Proviso Course Code: WLA412118
Students continue to develop the ability to communicate in French through the study of language, themes and texts. They also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course. The language ab initio syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. The language ab initio syllabus prescribes four topics for each of the five prescribed themes for a total of 20 topics that must be addressed in the language ab initio course. The internal assessment is an individual oral interview completed during the second year of the course. Students are also required to sit the IB examinations in May which include text-handling exercises, a written exercise, and a separate section for listening.

## SPANISH

## AP ${ }^{\circledR}$ Spanish Language \& Culture

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 4, Spanish 3 Literature \& Culture, or Teacher Recommendation
State Course Code: 06112A000
Proviso Course Code: WLA313064
Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, $A P^{\circledR}$ Spanish Language \& Culture builds upon prior knowledge and develops students' ability to understand others and express themselves in Spanish accurately, coherently, and fluently in formal and informal situations. In this course, students develop a vocabulary large enough to understand literary texts, journal articles, films, television productions, etc. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Spanish Literature \& Culture

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 4, AP ${ }^{\circledR}$ Spanish Language \& Culture, or Teacher Recommendation
State Course Code: 06113A000
Proviso Course Code: WLA313065
AP ${ }^{\circledR}$ Spanish Literature \& Culture covers representative works from the literature of Spain and Spanish America, encompassing all genres. Students build their proficiency to read and understand moderately difficult prose and
express critical opinions and literary analyses in oral and written Spanish, equivalent to a third year at the collegelevel. They develop vocabulary and an acceptable accent, gain comprehension to understand spoken Spanish, read authentic prose, and write narratives with correct grammar. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

## IB Language Ab Initio Spanish SL Year 1 (PEMSA/PWMSA only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: New to language, IB application submitted
State Course Code: 24068A000
Proviso Course Code: WLA411068
Spanish Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

## IB Language Ab Initio Spanish SL Year 2 (PEMSA/PWMSA only)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language Ab Initio Spanish SL Year 1
State Course Code: 24068A000
Proviso Course Code: WLA412068
Students continue to develop the ability to communicate in Spanish through the study of language, themes and texts. They also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course. The language ab initio syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. The language ab initio syllabus prescribes four topics for each of the five prescribed themes for a total of 20 topics that must be addressed in the language ab initio course. The internal assessment is an individual oral interview completed during the second year of the course. Students are also required to sit the IB examinations in May which include text-handling exercises, a written exercise, and a separate section for listening.

## IB Language A Spanish - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 24067A000
Proviso Course Code: WLA411067
Spanish courses prepare students to take the IB Language A: Language \& Literature exams. Course content includes in-depth study of composition for purpose and audience, forms of mass communication and the media, and the context and elements of literature.

## IB Language A Spanish - DP Year 2

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language A Spanish - DP Year 1
State Course Code: 06110A000

Proviso Course Code: WLA412067
Spanish courses prepare students to take the IB Language A: Language \& Literature exams. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses and critiques of this literature, and other oral and written assignments.

## IB Language B Spanish - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 06111A000
Proviso Course Code: WLA411063
The acquisition of an additional language opens the door to cross-cultural communication and understanding. Students are encouraged to develop their communicative skills, their global awareness, and their respect for cultural diversity. Students study a language and its culture(s) via five themes (identities, experiences, human ingenuity, social organization and sharing the planet). Students work toward developing the skills that will be assessed. Students will work toward intercultural understanding, using, and appreciating the language studied. Students will be assessed both informally and formally throughout year 1. Formal assessments include interactive oral activities. Additionally, those students taking the course at the HL level begin the study literature written in the target language.

## IB Language B Spanish - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language B Spanish - DP Year 1
State Course Code: 06111A000
Proviso Course Code: WLA412063
Students continue to develop their acquisition of language and to expand and refine their communicative skills, their global awareness, and their respect for cultural diversity. Students continue to study a language and its culture(s) via the themes introduced in year 1. By the end of the two-year course of studies, students are able to demonstrate intercultural understanding, understand and use the language and appreciate its culture(s), be aware of and appreciate differences of cultural perception, gain a basis for further study, enjoyment and/or employment courtesy of knowledge of another language and its culture(s). Students are assessed both informally and formally throughout year 2. Formal assessments include an individual oral and an interactive oral activity. Students are required to sit the IB examinations in May which include text-handling exercises, a written exercise, and an intertextual reading (with a written task). Additionally, those students taking the course at the HL level have an additional written exercise and added length/depth of response requirements included on the examination.

## Spanish 1

Grade: 9-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 06101A000
Proviso Course Code: WLA113052
Designed to introduce students to Spanish language and culture, this course emphasizes basic grammar and syntax, vocabulary, and the spoken accent so students can read, write, speak, and understand Spanish at a basic level using customary courtesies and conventions. Spanish culture is introduced through art, literature, customs, and the history of Spanish-speaking people.

## Spanish 1 Literature \& Culture

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test
State Course Code: 06106A000
Proviso Course Code: WLA113099
This course supports, reinforces, and expands students' knowledge of Spanish. Because students understand the rudiments and structure of the language and have a working vocabulary in Spanish, Spanish 1 Literature \& Culture moves faster than regular Spanish courses. Literary development is emphasized with a study of literature and composition as well as translation skills. It also may include the culture or history of Spanish-speaking peoples.

## Spanish 2

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 1 or Placement Test
State Course Code: 06102A000
Proviso Course Code: WLA113053
Spanish 2 builds upon skills developed in Spanish 1, extending students' ability to understand and express themselves in Spanish. Students learn how to engage in informative and social dialogue, write in Spanish to show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly through increased vocabulary. Students may explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of Spanish cultures.

## Spanish 2 Literature \& Culture

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 1 Literature \& Culture or Placement Test
State Course Code: 06108A000
Proviso Course Code: WLA113059
This course supports, reinforces, and expands students' knowledge of Spanish. Because students understand the rudiments and structure of the language and have a working vocabulary, Spanish 2 Literature \& Culture moves faster than regular Spanish courses. Literary development is emphasized with a study of literature and composition as well as translation skills. It may also include the culture or history of Spanish-speaking peoples.

## Spanish 3

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 2 or Placement Test
State Course Code: 06103A000
Proviso Course Code: WLA113054
Spanish 3 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

## Spanish 3 Literature \& Culture

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 2 Literature \& Culture or Placement Test
State Course Code: 06109A000
Proviso Course Code: WLA113060
This course focuses on having students express increasingly complex concepts both verbally and in writing while showing spontaneity. Comprehension goals for students include attaining more facility and faster understanding when listening to the language spoken at normal rates, ability to paraphrase or summarize written passages, and conversing easily within a variety of situations.

## Spanish 4

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Spanish 3 or Placement Test
State Course Code: 06104A000
Proviso Course Code: WLA113055
Spanish 4 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.


East \& West World Language Course Progression SY23/24

$A P=$ Advanced Placement $\quad I B=$ International Baccalaureate $\quad I H=$ international Honors Proviso Tawnship High Schools District 209


Proviso East Math \& Science Academy (PEMSA)
Proviso West Math \& Science Academy (PWMSA)
Proviso Math \& Science Academy (PMSA)

## Course Descriptions for PEMSA, PWMSA, PMSA

## Math \& Science Academy Program

All courses at PEMSA, PWMSA, and PMSA are classified as Advanced Placement (AP®)*, Dual Credit, International Baccalaureate (IB), International Honors (IH)** or Honors with the exception of Credit Recovery Courses.

* Advanced Placement (AP® ${ }^{\circledR}$ ) Coursework

All students are required to complete a minimum of one Advanced Placement (AP ${ }^{\circledR}$ ) course prior to graduation as part of the Math and Science Academy Program at Proviso East High School (PEMSA), Proviso West High School (PWMSA), and Proviso Math and Science Academy (PMSA).
** International Honors (IH) Course Descriptions
These courses mirror the core honors courses in English, Science, Math, and Social Sciences and are designed to further prepare students for more rigorous academic work and assessments. IH courses focus on in-depth exploration of themes and topics in the various academic areas, are student-centered, and include project-based experiential learning components.

## Please Note:

- Students in IH Mathematics courses may be required to complete Accelerated Summer School courses as determined by departmental recommendation.
- IH 9 ${ }^{\text {th }}$ Grade Research Core will be offered to PEMSA and PWMSA to enhance research and writing skills that are needed for the Honors and Advanced classes in the academy program.
- Except for those students exempted by state or District 209 Board of Education waiver, students must take Physical Education (PE) / Wellness courses.


# Math \& Science Academy Course Descriptions 

ART
The Art Department provides opportunities for students to engage in personal arts experiences as preparation for creative careers and responsible citizenship. Art courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\#}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| IH Visual Arts 1 | X | X | X | X | 1.0 | None |
| IH Visual Arts 2 |  | X | X | X | 1.0 | IH Visual Arts 1 or Teacher Recommendation |
| IH Digital Imaging | X | X | X | X | 1.0 | None |
| IH Digital Photography |  | X | X | X | 1.0 | At least 1.0 Art credit or Teacher Recommendation |
| AP Drawing |  |  | X | X | 1.0 | IH Visual Arts 2 or Teacher Recommendation |
| AP 2-D Art \& Design |  |  | X | X | 1.0 | IH Digital Imaging or Teacher Recommendation |
| IB Visual Arts - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme and Visual Arts 1 |
| IB Visual Arts - DP Year 2 |  |  |  | X | 1.0 | IB Visual Arts - DP Year 1 |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order)

## AP ${ }^{\circledR}$ 2-D Art \& Design

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Digital Imaging or Teacher Recommendation
State Course Code: 05174A000
Proviso Course Code: ART313174
Designed for students with a serious interest in art, the AP ${ }^{\circledR}$ 2-D Art \& Design course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP evaluation, this course typically emphasizes quality of work, attention to and exploration of a visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP ${ }^{\circledR}$ 2-D Art \& Design evaluations require submission of artwork exemplifying talent in drawing, painting, photography, or digital design. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Drawing

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Visual Arts 2 or Teacher Recommendation
State Course Code: 05172A000
Proviso Course Code: ART313172
Designed for students with a serious interest in art, the AP ${ }^{\circledR}$ Drawing course enables students to refine their skills and create artistic works to be submitted to the College Board for evaluation. Given the nature of the AP ${ }^{\circledR}$ evaluation, this course typically emphasizes quality of work, attention to and exploration of a visual interest or problem, and breadth of experience in the formal, technical, and expressive aspects of the student's art. AP ${ }^{\circledR}$ Drawing evaluations require submission of artwork exemplifying talent in drawing. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

## IB Visual Arts - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme and Visual Arts 1
State Course Code: 05173A000
Proviso Course Code: ART411173
Students explore the various impacts and value of visual arts (including sociopolitical, ritual, spiritual, decorative) in wide spectrum of societies and cultures. This course encourages students to challenge their own creative and cultural expectations and boundaries, and develop analytical skills in problem-solving and divergent thinking, while working towards technical proficiency and confidence in their own artistic endeavors. In addition to exploring and comparing visual arts from different perspectives and in different contexts, students are expected to engage in, experiment with, and critically reflect upon a wide range of contemporary practices and media. Students have the opportunity to develop an appreciation for multicultural artistic diversity with a view to becoming critically informed makers and consumers of visual culture. Topics of study include Personal and Artistic Identity, Reading: Text and Visual Images, Arts Influences and are Influenced by History \& Culture, Curating Exhibitions.

## IB Visual Arts - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Visual Arts - DP Year 1
State Course Code: 05173A000
Proviso Course Code: ART412173
IB Visual Arts - DP Year 2 continues the goals from DP Year 1 in the development of students' technical proficiency as well as their critical and analytic interpretive skills. Topics of study include Investigating Global Arts Activism, Contributions to the IB Tile Mural. Students present their art processes and products during the Visual Arts Exhibition in February. Additionally, students are required to complete a comparative study (a critical and contextual investigation of artworks and artifacts from different cultural contexts) and are required to submit a process portfolio (evidence of their own creative experimentation, exploration, manipulation, and refinement), which includes work from at least two art-making forms.

## IH Digital Imaging

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05168A000
Proviso Course Code: ART213251
This class introduces students to the basic tools, techniques, and processes of digital still photography and video production. Students will create and edit their own photographs and videos. They will also view and critique professional work and consider how media affects their lives.

## IH Digital Photography

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: At least 1.0 Art credit or Teacher Recommendation
State Course Code: 05167A000
Proviso Course Code: ART213167

This course exposes students to the materials, process, and artistic techniques of taking photographs. Students learn about the operation of a camera, composition, lighting techniques, depth of field, filters, and camera angles. They explore the elements of photography and study composition. This course covers major photographers, art movements, and styles. Students learn to manipulate their photographs in creative ways using computer-generated photo-editing programs.

## IH Visual Arts 1

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 55189A000
Proviso Course Code: ART213171
This course focuses on the elements and principles of design and composition. Students will participate in a variety of studio activities, which may include (but are not limited to) drawing, painting, ceramics, and collage. Skills and knowledge are further developed through art criticism, art history, and aesthetics.

## IH Visual Arts 2

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Visual Arts 1 or Teacher Recommendation
State Course Code: 05199A000
Proviso Course Code: ART213154
Students who enjoyed IH Visual Arts 1 and wish to continue their art education are encouraged to take IH Visual Arts 2. In this course, students participate in a variety of studio activities which may include but are not limited to drawing, painting, printmaking, ceramics, and collage. Students will build on the skills and knowledge learned in IH Visual Arts 1 while participating in more challenging studio projects. This course focuses on studio production with art history, art criticism, and aesthetics as reinforcing concepts.


[^3]
## Engineering and Technology

The Engineering and Technology Department provides opportunities for students to engage in hands-on experiences as preparation for specific careers in the engineering and technology fields. Engineering and Technology courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\text {\# }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| Robotics (Dual Credit) | x | X | x | X | 1.0 | None |
| IH Introduction to <br> Engineering Design <br> (PLTW)^ | X | X | X | X | 1.0 | None |
| IH Principles of <br> Engineering (PLTW)^ | X | X | X | X | 1.0 | None |
|  <br> Development (PLTW)^ |  |  | X | X | 1.0 | IH Introduction to Engineering Design (PLTW) or <br> IH Principles of Engineering (PLTW) |
| IH Aerospace Engineering <br> (PLTW)^ | X | X | X | X | 1.0 | None |

\# Prerequisite courses must be completed with a passing grade.

* All Dual Credit courses require students to meet qualifications established by Triton College.
${ }^{\wedge}$ These courses will be offered on a yearly rotating schedule.


## Course Descriptions (in alphabetical order)

## IH Aerospace Engineering (PLTW)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21013A001
Proviso Course Code: NGI213019
Through hands-on engineering projects developed with NASA, students learn about aerodynamics, astronautics, space-life sciences, and systems engineering which includes the study of intelligent vehicles like the Mars rovers Spirit and Opportunity. This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

## IH Engineering Design \& Development (PLTW)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Introduction to Engineering Design or IH Principles of Engineering
State Course Code: 21007A002
Proviso Course Code: NGI213018
This course is an advanced course in which students demonstrate mastery of knowledge and skills from previous pre-engineering courses to develop an original product or machine design. In groups using project-based learning, students research, design, and construct a solution to an engineering problem. Students apply principles developed in the preceding courses and are guided by an industry mentor. Students must present progress reports, submit a final written report, and defend their solutions to a panel of outside reviewers at the end of the course. Students are placed in management situations in production operations to develop leadership and entrepreneurship skills. Students are responsible for scheduling, pricing, procuring materials and equipment, and the maintaining of
equipment. The knowledge and skills students acquire throughout IH Engineering (PLTW) come together in IH Engineering Design \& Development (PLTW) as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing IH Engineering Design \& Development ready to take on any post-secondary program or career.

## IH Introduction to Engineering Design (PLTW)

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21006A001
Proviso Course Code: NGI213017
Offered in alternate years, this course teaches problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. Students dig deep into the engineering design process, applying math, science, and engineering standards to handson projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.

## IH Principles of Engineering (PLTW)

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21004A001
Proviso Course Code: NGI213049
Offered in alternate years, this course helps students understand the field of engineering/engineering technology. Exploring various technology systems and manufacturing processes helps students learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. The course also includes concerns about social and political consequences of technological change. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

## Robotics (Dual Credit)

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 21009A000
Proviso Course Code: NGI513009
This dual credit course develops and expands students' skills and knowledge so that they can design and develop robotic devices. Topics covered in the course may include mechanics, electrical and motor controls, pneumatics, computer basics, and programmable logic controllers. This course fulfills the CTE requirement and students can receive college credit at Triton College. This course is taught by a Triton Adjunct Professor and co-taught with a PMSA teacher with an Engineering background. Students receive 2 credit hours per semester from Triton College. This course runs after school from 3:30 to 5:00 p.m. twice a week.

$A P=$ Advanced Placement $\quad I B=$ International Baccalaureate $\quad I H=$ International Honors

English
4 credits are required which must include IH Survey of Literature and IH World Literature. Elective choices are also offered.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\#}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IH Survey of Literature | X |  |  |  | 1.0 | None |
| IH World Literature |  | X |  |  | 1.0 | IH Survey of Literature |
| IH American Literature |  |  | X |  | 1.0 | 2 years of English |
| IH Literary Criticism |  |  |  | x | 1.0 | 3 years of English |
| Literary Criticism (Dual Credit)* \#\# |  |  |  | x | 1.0 | 3 years of English |
| AP English Language \& Composition ${ }^{\text {\#\# }}$ |  |  | x | x | 1.0 | 2 years of English or Administrator Approval |
| AP English Literature \& Composition \#\# |  |  |  | x | 1.0 | AP English Language \& Composition or Administrator Approval |
| IB Language A: Language \& Literature - DP Year 1 |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Language A: Language \& Literature - DP Year 2 |  |  |  | x | 1.0 | IB Language A: Language \& Literature - DP Year 1 |
| IH College Reading and Writing (CRW) |  |  |  | x | 1.0 | 3 years of English and Teacher Recommendation |
| IH Creative Writing |  |  |  | X | 0.5 | 3 years of English / Elective credit only |
| Creative Writing (Dual Credit)* \#\# |  |  |  | X | 0.5 | 3 years of English / Elective credit only |
| IH Journalism |  |  |  | x | 0.5 | 3 years of English / Elective credit only |
| Journalism (Dual Credit)*\# |  |  |  | X | 0.5 | 3 years of English / Elective credit only |

\# Prerequisite courses must be completed with a passing grade.

* All Dual Credit courses require students to meet qualifications established by Triton College.
${ }^{\text {\#\# }}$ This course may be offered for Dual Credit from Triton College.


## Course Descriptions (in alphabetical order)

## A ${ }^{\text {® }}$ English Language \& Composition

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: 2 years of English or Administrator Approval
State Course Code: 01005A000
Proviso Course Code: ENG313005
$A P^{\circledR}$ English Language \& Composition is designed to give students multiple opportunities to work with the rhetorical situation, examining the author's purpose as well as the audience and the subjects in texts. Students write in a variety of modes for different audiences, developing a sense of personal style and an ability to analyze and articulate how the resources of language operate. Because students live in a highly visual world, they also study the rhetoric of visual media such as photographs, films, and advertisements. This course prepares students for the AP ${ }^{\oplus}$ English Language \& Composition Exam. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ English Literature \& Composition

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: $\mathrm{AP}^{\circledR}$ English Language \& Composition or Administrator Approval
State Course Code: 01006A000
Proviso Course Code: ENG312006
A ${ }^{\circledR}$ English Literature \& Composition is a college preparatory reading and writing class that enables students to develop critical standards for evaluating works of literary merit. Forms of written evaluation include literary analysis and argument. In the first semester, students examine the individual journey toward self-expression; the second semester they explore the nature of conflict. This course prepares students for the AP ${ }^{\circledR}$ Exam in Literature and Composition. Students in this course are required to take the $A P^{\circledR}$ Exam associated with this content area. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Creative Writing (Dual Credit)

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: 3 years of English / Elective credit only
State Course Code: 01104A000
Proviso Course Code: ENG512104
This dual credit course introduces students to an in-depth analysis of creative writing, particularly, imagery in poetry and scene in creative nonfiction. Students also have the opportunity to participate in a spoken word event.

## IB Language A: Language \& Literature - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 01007A000
Proviso Course Code: ENG411011
Through a study of language and literature, students are better able to see and understand the world in which they live. Students are encouraged to question meaning by focusing on the language of texts. They critically study and interpret written and oral, literary, and non-literary texts. Students conduct a formal analysis of texts to include the idea that meaning is contextual. They undertake the study of the cultural development and usage of the English language as well as its media and literature. Students are required to analyze texts and to present their ideas. Year 1 topics include language and the individual, language and social relations, language and power, textual bias, stereotypes, and persuasive language.

## IB Language A: Language \& Literature - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language A: Language and Literature - DP Year 1
State Course Code: 01007A000
Proviso Course Code: ENG412011
Students continue to critically study and interpret various types of texts, questioning meaning and focusing on language. Year 2 topics include: critical study of literature, literary terminology, the influence of formal elements of the text, genre, and structure, understanding attitudes and values and their impact on readers, close reading,
the changing historical cultural and social contexts in which texts are written. Formal assessments include an individual oral commentary and a further oral activity. Additionally, students are required to sit the IB examinations in May which include a comparative textual analysis, an essay, and two written tasks.

## IH College Reading and Writing (CRW)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: 3 years of English and Teacher Recommendation
State Course Code: 01004A001
Proviso Course Code: ENG212102
This course is designed to introduce students to the conventions of academic writing and critical thinking to prepare for the rigor of college rhetoric coursework. In this writing-intensive course, students read, analyze, discuss and critically respond to nonfiction texts centered around themes, critical issues, and larger ideas. Students write in a variety of modes, both formal and informal, for a variety of audiences, developing a sense of personal style and an ability to analyze arguments and synthesize information. A grade of $C$ or better both semesters will exempt students from taking the English placement exam with Triton College.

## IH American Literature

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: 2 years of English
State Course Code: 01054A000
Proviso Course Code: ENG211054
This rigorous course focuses on classic American literature and informational pieces. Texts, class discussions, and projects focus on the rich cultural, philosophical, and political diversity of people trying to realize their dreams. Special emphasis is placed on the development of an arguable thesis, rhetorical analysis, and a cogent and clear style. An analytical research paper relevant to American culture and ideas develop their skills in research, organization, and synthesis. Review and further development of English conventions and usage are integrated within each instructional unit to help strengthen students' writing abilities.

## IH Creative Writing

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: 3 years of English / Elective credit only
State Course Code: 01104A000
Proviso Course Code: ENG612104
This course introduces students to the concepts of creative writing, including imagery in poetry and scenes in creative nonfiction. Students also have the opportunity to participate in a spoken word event.

## IH Journalism

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: 3 years of English / Elective credit only
State Course Code: 01155A000
Proviso Course Code: ENG612101
This course introduces techniques of news writing: gathering information, interviewing, writing, editing, and
reporting. Students assess how these techniques are affected by stereotypes, nonverbal cues, vocabulary, and stylistic choices. As students prepare for publication in the school newspaper, they write and edit news stories, features, editorials, columns, and reviews. Students also build effective interpersonal and team-building skills.

## IH Literary Criticism

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: 3 years of English
State Course Code: 01004A000
Proviso Course Code: ENG212099
Through active reading, students read and analyze American, ethnic, and foreign short stories, as well as novels to explore various narrative forms, perspectives, voices, modes, and approaches to fiction. They lead discussions on structure, symbolism, and other literary devices to determine the impact of the author's choices in developing elements of story. Writing skills are developed through literary analysis and character narratives.

## IH Survey of Literature

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 01056A000
Proviso Course Code: ENG209053
In this course, students study of a variety of literary texts and authors including poetry, short stories, novels, and essays to examine common literary themes. The pace, complexities, and demands of this course require students to demonstrate capacity for abstract thought as well as a natural curiosity about language, literature, and the writing process. Composition exercises reflect individual responses to themes and texts studied along with evidence-based argumentation. Students engage in classroom discussion and formal presentations to building their oral expression.

## IH World Literature

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Survey of Literature
State Course Code: 01058A000
Proviso Course Code: ENG210058
In this course, students explore a variety of literary selections from ancient to modern times from countries around the world. They improve their critical-thinking skills as they study the diversity and influences of literary traditions. Special emphasis is placed on college and career readiness as well as authentic writing and speaking assessments.

## Journalism (Dual Credit)

Grade: 12
Length: 1 semester
Credit: 0.5
Prerequisite: 3 years of English / Elective credit only
State Course Code: 01101A000
Proviso Course Code: ENG512101
This dual credit course introduces techniques of news writing: gathering information, interviewing, writing, editing, and reporting. Students assess how these techniques are affected by stereotypes, nonverbal cues, vocabulary, and
stylistic choices. As students prepare for publication in the school newspaper, they will write and edit news stories, features, editorials, columns, and reviews. Students also build effective interpersonal and team-building skills.

## Literary Criticism (Dual Credit)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: 3 years of English
State Course Code: 01004A000
Proviso Course Code: ENG512099
Through active reading in this dual credit course, students read and analyze American, ethnic, and foreign short stories, as well as novels to explore various narrative forms, perspectives, voices, modes, and approaches to fiction. They lead discussions on structure, symbolism, and other literary devices to determine the impact of the author's choices in developing elements of story. Writing skills are developed through literary analysis and character narratives. This course is designed for students who enjoy reading fiction, engaging in intellectual inquiry, and participating in dynamic discussions of complex issues.


PEMSA and PWMSA Students will follow the MSA English Course Progression for grades 9-10. They will follow the East \& West Course Progression for AP and IB English courses in grades 11-12.

## Math

## 5 credits are required.

## Common Pathways:

IH Integrated Math 1, IH Integrated Math 2, IH Integrated Math 3, IH Mathematical Studies (1-Math Elective) OR
IH Integrated Math 1, IH Integrated Math 2, IH Integrated Math 3, Pre-Calculus (Dual Credit)
(1-Math Elective)
OR
IH Integrated Math 1, IH Integrated Math 2, IB Math: Applications \& Interpretation
OR
IB Math: Analysis and Approaches (1-Math Elective)
OR
IB, AP or Dual Credit course equivalents

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IH Integrated Math 1 | X |  |  |  | 1.0 | None |
| IH Integrated Math 2 | X | X |  |  | 1.0 | IH Integrated Math 1 or Placement Test |
| IH Summer Accelerated Integrated Math 2 | X | X |  |  | 0.5 | Integrated Math 1 and Department Recommendation or Placement Test |
| IH Accelerated Integrated Math 2 | X | X |  |  | 0.5 | IH Summer Accelerated Integrated Math 2 |
| IH Accelerated Integrated Math 3 | X | X |  |  | 0.5 | IH Accelerated Integrated Math 2 or Placement Test |
| IH Summer Accelerated Integrated Math 3 |  | X | X |  | 0.5 | IH Accelerated Integrated Math 2 |
| IH Integrated Math 3 |  | X | X |  | 1.0 | IH Integrated Math 2 or Placement Test |
| AP Computer Science Principles | X | X | X | X | 1.0 | None |
| IH Mathematical Studies |  |  | X | X | 1.0 | IH Integrated Math 2 |
| AP Calculus AB |  |  | X | X | 1.0 | Pre-Calculus (Dual Credit), IH Mathematical Studies, or IH Integrated Math 3 and Department Recommendation |
| Calculus AB (Dual Credit)* |  |  | X | X | 1.0 | Pre-Calculus (Dual Credit), IH Mathematical Studies, or IH Integrated Math 3 and Department Recommendation |
| AP Calculus BC |  |  | X | X | 1.0 | AP Calculus AB or IH Pre-Calculus and Department Recommendation |
| AP Computer Science A |  |  | X | X | 1.0 | Department Recommendation and Junior/ Senior level standing |
| AP Statistics |  |  | X | X | 1.0 | IH Integrated Math 2 or Department Recommendation, and Junior/Senior level standing |
| Probability \& Statistics (Dual Credit)* |  |  |  | X | 1.0 | None |
| Pre-Calculus (Dual Credit)* |  |  | X | X | 1.0 | IH Integrated Math 3 and Department Recommendation |
| Pre-Calculus Honors |  |  |  | X | 1.0 | IH Integrated Math 3 |


| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {P }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
|  <br> Interpretation - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme and IH Integrated Math 3 |
| IB Math: Analysis \& Approaches - <br> DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme and IH Integrated Math 3 |
|  <br> Interpretation - DP Year 2 |  |  | X | 1.0 | IB Math: Applications \& Interpretation - DP Year <br> 1 |  |
| IB Math: Analysis \& Approaches - <br> DP Year 2 |  |  | X | 1.0 | IB Math: Analysis \& Approaches - DP Year 1 |  |
| Science, Technology, Engineering, <br> \& Math (STEM) TM001 |  |  |  | X | 1.0 | Administrator Approval - See Decision Chart for <br> Senior Level Math |

\# Prerequisite courses must be completed with a passing grade.

* Dual Credit may be offered and requires students to meet qualifications established by Triton College.
${ }^{+}$This course satisfies PWR Act Transitional Math requirements and cannot be used to satisfy state graduation requirement.

Decision Chart for Senior Level Transitional Math


## Course Descriptions (in alphabetical order)

## AP ${ }^{\circledR}$ Calculus AB

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Pre-Calculus, IH Mathematical Studies, or IH Integrated Math 3 and Department Recommendation
State Course Code: 02124A000
Proviso Course Code: MAT313124
$A P^{\circledR}$ Calculus $A B$ is intended for mature students interested in earning college credit. They investigate differential and integral calculus with algebraic and transcendental functions. Special emphasis is given to techniques of integration and application to maxima and minima, related rate, curve sketching, area, and volume problems. Analytic geometry is also studied with emphasis on equations of curves. Students interested in pursuing careers in engineering, medicine, and the sciences should consider this course necessary for these careers. Explore the key concepts, methods, and applications of single-variable calculus including functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Calculus BC

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: $A P^{\circledR}$ Calculus $A B$ or Pre-Calculus and Department Recommendation
State Course Code: 02125A000
Proviso Course Code: MAT313125
In this course, students explore the key concepts, methods, and applications of single-variable calculus including all topics covered in $A P^{\circledR}$ Calculus $A B$ (functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. Students become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. They use technology to help solve problems, experiment, interpret results, and support their conclusions. Students in this course are required to take the AP ${ }^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Computer Science A

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Department Recommendation and Junior/Senior level standing
State Course Code: 10157A000
Proviso Course Code: MAT313157
$A P^{\circledR}$ Computer Science $A$ is based on the syllabus developed by the College Board. Students are introduced to the formal concepts of object-oriented computer programming, including program design, control structures, data structures and algorithms using the Java programming language. Students will gain an understanding of the history of computing, and the nature of hardware and software, the software design process, and the basics of objectoriented programming, as well as the ethical considerations of computer science. They also gain a familiarity with Java classes, objects, and data types; basic Java syntax; constructor, accessor, and mutator methods; decision and looping statements; and logical operators, among others. Students have the opportunity to further develop and refine their programming skills by focusing on the techniques of data abstraction, including encapsulation and inheritance. In particular, the emphasis is on the organization of information and the implementation of common data structures such as arrays and array lists, as well as various searching and sorting methods through such structures. Students also explore recursion and the close relationship between data structures and algorithms including basic complexity analysis and comparisons between several different methods. Throughout this course, students are encouraged to work individually and collectively to solve problems, share solutions, and make important discover. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Computer Science Principles

Grade: 9-12
Length: 2 semesters
Credit: 1.0

Prerequisite: None
State Course Code: 10161A000
Proviso Course Code: MAT313019
$A P^{\circledR}$ Computer Science Principles examines the underlying principles of computation. Topics introduced: creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Statistics

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 2 or Department Recommendation and Junior/Senior level standing
State Course Code: 02203A000
Proviso Course Code: MAT313203
In $\mathrm{AP}^{\circledR}$ Statistics, students learn about the major concepts and tools for collecting, analyzing, and drawing conclusions from data. They develop analytical and critical thinking skills as they learn to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences. Students in this course are required to take the $A P^{\circledR}$ Exam associated with this content area. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## Calculus AB (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Pre-Calculus (Dual Credit), IH Mathematical Studies, or IH Integrated Math 3 and Department Recommendation
State Course Code: 02124A000
Proviso Course Code: MAT513124
This dual credit course is intended for the mature student interested in earning college credit. Students investigate differential and integral calculus with algebraic and transcendental functions. Special emphasis is given to techniques of integration and application to maxima and minima, related rate, curve sketching, area, and volume problems. Analytic geometry is also studied with emphasis on equations of curves. Students interested in pursuing careers in engineering, medicine, and the sciences should consider this course necessary for these careers. Explore the key concepts, methods, and applications of single-variable calculus including functions, graphs, and limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions. Dual Credit students must meet qualification requirements established by Triton College.

## IB Math: Analysis \& Approaches - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3
State Course Code: 02132A000
Proviso Course Code: MAT411140
IB Math focuses on introducing important mathematical concepts through the development of mathematical techniques. Students are introduced to these concepts in a comprehensible and coherent way. Students will be able to apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. Moreover, the primary aim of all IB Math courses is that the students enjoy math and appreciate its elegance and power. Topics of study include statistics and probability, algebra, functions, trigonometry. Each
student is introduced to the math exploration, in which he/she takes a considered approach to various mathematical activities and explore different mathematical ideas on a topic of his/her choice. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

## IB Math: Analysis \& Approaches - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Math: Analysis \& Approaches - DP Year 1
State Course Code: 02132A000
Proviso Course Code: MAT412140
In this course, students continue the study of important mathematical concepts through the development of mathematical techniques. Students apply the mathematical knowledge they have acquired to solve realistic problems set in an appropriate context. Topics of study include calculus and vectors. Students complete the math exploration introduced in Year 1. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

## IB Math: Applications \& Interpretation - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3
State Course Code: 02131A000
Proviso Course Code: MAT411139
IB Math emphasizes the applications of math with a focus on statistical techniques. This course is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics (including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus). Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

## IB Math: Applications \& Interpretation - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Math: Applications \& Interpretation - DP Year 1
State Course Code: 02131A000
Proviso Course Code: MAT412139
This course emphasizes the applications of math with a focus on statistical techniques. It is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus. Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

## IH Accelerated Integrated Math 2

Grade: 9-10
Length: 1 semester
Credit: 0.5
Prerequisite: IH Summer Accelerated Integrated Math 2
State Course Code: 02063A000
Proviso Course Code: MAT210067
IH Accelerated Integrated Math 2 prepares students to take IB Math courses. Topics include the integration of operations and properties of number sets; trigonometric functions, equations, graphs, algebra, and coordinate geometry; some linear equations, polynomial and quadratic functions and equations; logarithmic functions, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. The multi-period sequence of integrated math replaces the traditional algebra 1, geometry, algebra 2 sequence of courses, and covers the following topics during a 3 or 4-year sequence; algebra, functions, geometry from both synthetic and algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure.

## IH Accelerated Integrated Math 3

Grade: 9-10
Length: 1 semester
Credit: 0.5
Prerequisite: IH Accelerated Integrated Math 2 or Placement Test
State Course Code: 02064A000
Proviso Course Code: MAT211070
IH Accelerated Integrated Math courses emphasize the teaching of math as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between math and other disciplines. IH Accelerated Integrated Math 3 covers the following topics: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. IH Accelerated Integrated Math 3 involves the study of polynomial, rational, logarithmic, and trigonometric functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent polynomial, rational, trigonometric, and logarithmic expressions to reveal information and key features. Students make geometric constructions and apply geometric concepts and trigonometric ratios to describe, model and solve problems. Students distinguish among sample surveys, experiments, and observational studies to determine and interpret data. With this course, students further explore quadratic functions and extend learning to polynomial functions. Students extend their understanding of arithmetic and geometric sequences to series, and their knowledge of trigonometric ratios to trigonometric functions. Additionally, students explore distributions of data, confidence intervals, and statistical significance.

## IH Integrated Math 1

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 02062A000
Proviso Course Code: MAT209065
This course emphasizes the teaching of math as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between math and other disciplines. IH Integrated Math 1 covers the following topics: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. IH Integrated Math 1 involves the study of linear and exponential functions (with domains in the integers), including application and interpretation of statistics and real-world situations. Students reason about functions and the number and nature of solutions to equations, systems of equations, inequalities, and systems of inequalities. Students define congruence using transformational geometry. Students apply transformations to linear,
exponential, piece-wise, absolute value, square root and cube root functions. They explore these function types represented algebraically, graphically, numerically in tables, and by verbal descriptions. Students practice solving problems and expressing solutions in multiple ways while learning how various math disciplines are connected. It will also involve the study of quadratic and exponential functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent radical, rational, and quadratic expressions to reveal information using properties of exponents, completing the square, and/or factoring. Students define similarity using transformational geometry and use this definition to prove geometric theorems. Students learn and apply trigonometric ratios, the Pythagorean Theorem and the relationship between sine and cosine to solve problems. Students recognize, calculate, and use conditional probability and independence. This course focuses on increasing students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions.

## IH Integrated Math 2

Grade: 9-10
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 1 or Placement Test
State Course Code: 02063A000
Proviso Course Code: MAT210066
This course emphasizes the teaching of math as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between math and other disciplines. It covers the following topics: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. IH Integrated Math 2 involves the study of quadratic and exponential functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent radical, rational, and quadratic expressions to reveal information using properties of exponents, completing the square, and/or factoring. Students define similarity using transformational geometry and use this definition to prove geometric theorems. Students learn and apply trigonometric ratios, the Pythagorean Theorem and the relationship between sine and cosine to solve problems. Students recognize, calculate, and use conditional probability and independence. This course focuses on increasing students' complete mathematical understanding as they work with geometric relationships, coordinate planes, trigonometric ratios, and quadratic functions. It will also involve the study of polynomial, rational, logarithmic, and trigonometric functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent polynomial, rational, trigonometric, and logarithmic expressions to reveal information and key features. Students make geometric constructions and apply geometric concepts and trigonometric ratios to describe, model and solve problems. Students distinguish among sample surveys, experiments, and observational studies to determine and interpret data. With this course, students further explore quadratic functions and extend learning to polynomial functions. Students extend their understanding of arithmetic and geometric sequences to series, and their knowledge of trigonometric ratios to trigonometric functions. Additionally, students explore distributions of data, confidence intervals, and statistical significance.

## IH Integrated Math 3

Grade: 10-11
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 2 or Placement Test
State Course Code: 02064A000
Proviso Course Code: MAT211067
IH Integrated Math courses emphasize the teaching of math as problem solving, communication, and reasoning, and emphasize the connections among mathematical topics and between math and other disciplines. This course covers the following topics: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. IH Integrated Math 3 involves the study of polynomial, rational, logarithmic, and trigonometric functions
represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent polynomial, rational, trigonometric, and logarithmic expressions to reveal information and key features. Students make geometric constructions and apply geometric concepts and trigonometric ratios to describe, model and solve problems. Students distinguish among sample surveys, experiments, and observational studies to determine and interpret data. Students further explore quadratic functions and extend learning to polynomial functions. Students extend their understanding of arithmetic and geometric sequences to series and their knowledge of trigonometric ratios to trigonometric functions. Additionally, students explore distributions of data, confidence intervals, and statistical significance.

## IH Summer Accelerated Integrated Math 2

Grade: 9-10
Length: 1 semester
Credit: 0.5
Prerequisite: Integrated Math 1 and Department Recommendation or Placement Test
State Course Code: 02063A000
Proviso Course Code: MAT210068
This course will bridge IH Integrated Math 1 and IH Integrated Math 2 and is designed to prepare students for the following topics: algebra, functions, geometry from both a synthetic and an algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. This course involves the study of quadratic and exponential functions represented algebraically, graphically, numerically in tables and by verbal descriptions. Students write equivalent radical, rational, and quadratic expressions to reveal information using properties of exponents, completing the square, and/or factoring.

## IH Summer Accelerated Integrated Math 3

Grade: 10-11
Length: 1 semester
Credit: 0.5
Prerequisite: IH Accelerated Integrated Math 2
State Course Code: 02064A000
Proviso Course Code: MAT211069
IH Summer Accelerated Integrated Math 3 prepares students to take IB Math courses. Topics include the integration of operations and properties of number sets; trigonometric functions, equations, graphs, algebra, and coordinate geometry; some linear equations, polynomial and quadratic functions and equations; logarithmic functions, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. The multi-period sequence of integrated math replaces the traditional algebra 1, geometry, algebra 2 sequence of courses, and covers the following topics during a 3 - or 4 -year sequence: algebra, functions, geometry from both synthetic and algebraic perspective, trigonometry, statistics and probability, discrete math, the conceptual underpinnings of calculus, and mathematical structure. This course is for students who choose to accelerate their math skills during summer.

## IH Mathematical Studies

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 2
State Course Code: 02109A000
Proviso Course Code: MAT213990
IH Mathematical Studies is intended to provide students with the skills to cope with the mathematical demands of a technological society, course topics include linear, quadratic, and exponential functions, solutions, and graphs; skills in computation, estimation, and development of algorithms; data analysis, including collection, calculation, and presentation of statistics; set operations and logic; business techniques, including progressions and linear programming; and geometry and trigonometry.

## Pre-Calculus (Dual Credit)

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 3 and Department Recommendation
State Course Code: 02121A000
Proviso Course Code: MAT513111
This dual credit course includes operations on real and complex numbers, functional representation, systems of equations, determinants, mathematical induction, and theory of equations and inequalities. Also included in this course is an introduction to the basic ideas of the relational aspects of plane trigonometry.

## Pre-Calculus Honors

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Integrated Math 3
State Course Code: 02110A000
Proviso Course Code: MAT212110
Pre-Calculus courses combine the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

## Science, Technology, Engineering, \& Math (STEM) TM001

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Administrator Approval - See Decision Chart for Senior Level Math
State Course Code: 02055A001
Proviso Course Code: MAT612001
This is a project-based discrete math course include the study of topics such as number theory, discrete probability, set theory, symbolic logic, Boolean algebra, combinatorics, recursion, basic algebraic structures, graph theory, consumer math, numeral systems, and geometry in nature and in daily life. This course satisfies Illinois PWR Act for Transitional Math.

## Probability \& Statistics (Dual Credit)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 02201A000
Proviso Course Code: MAT512205
This dual credit course focuses on descriptive statistics, with an introduction to inferential statistics. Topics typically include event probability, normal probability distribution, collection and description of data, frequency tables and graphs, measures of central tendency and variability, random variables, and random sampling. Course topics may also include covariance and correlation, central limit theorem, confidence intervals, and hypothesis testing.


PEMSA and PWMSA students will follow the MSA English Course Progression for grades 9-10. They will follow the East \& West Course Progression for AP and IB Math courses in grades 11-12.

The Music Department provides opportunities for students to engage in experiences as preparation for creative careers and responsible citizenship. Music courses cultivate students' abilities to think, collaborate, perform, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| IH Beginning Band | X | X | X | X | 1.0 | None |
| IH Concert Band - <br> Brass/Percussion | X | X | X | X | 1.0 | IH Beginning Band, Audition, and/or Teacher <br> Recommendation |
| IH Concert Band - <br> Woodwinds | X | X | X | X | 1.0 | IH Beginning Band, Audition, and/or Teacher <br> Recommendation |
| IH Chorus | X | X | X | X | 1.0 | None |
| IH Advanced Chorus | X | X | X | X | 1.0 | IH Chorus, Audition, and/or Teacher Recommendation |
| IH Music History/ <br> Appreciation | X | X | X | X | 1.0 | None |
| IH Music Theory |  | X | X | X | 1.0 | IH Music Appreciation/History or Teacher <br> Recommendation |
| AP Music Theory |  | X | X | X | 1.0 | IH Music Theory, Placement Test, and/or Teacher <br> Recommendation |

\# Prerequisite courses must be completed with a passing grade.

## AP® Music Theory

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Music Theory, Placement Test, and/or Teacher Recommendation
State Course Code: 05114A000
Proviso Course Code: MUS313114
The ultimate goal of AP® Music Theory is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of aural skills listening exercises sightsinging skills performance exercises, written skills through written exercises compositional skills creative exercises, analytical skills, and analytical exercises. The course seeks first to instill mastery of the rudiments and terminology of music, including hearing and notating: pitches, intervals, scales, keys, chords, meter, and rhythm. It addresses these basic concepts through listening to a wide variety of music, including from standard Western tonal repertoire as well as $20^{\text {th }}$ Century art, music, jazz, popular music, and the music of non-Western cultures. Students are required to take the AP ${ }^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## IH Advanced Chorus

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Chorus, Audition, and/or Teacher Recommendation
State Course Code: 05111A000
Proviso Course Code: MUS213111
This course is open to students of all grade levels with intermediate training in performance of three- and four-part literature. Students must perform in a minimum of one concert each semester to receive credit towards their grade for this course. Selected students perform at school assemblies and programs, community events, choral festivals and workshops, competitions, and the state and local Solo-Ensemble competitions.

## IH Beginning Band

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05106A000
Proviso Course Code: MUS213101
This course introduces the principles and techniques for playing musical instruments within a structured ensemble performance environment. Instruments are based on student choices from the wind, and percussion families. There are a minimum number of performances required per year for successful completion of this course.

## IH Chorus

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05110A000
Proviso Course Code: MUS213110
This course emphasizes the development of vocal talent in a mixed ensemble. There are a minimum number of performances required per year for successful completion of this course.

## IH Concert Band - Brass/Percussion

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Beginning Band, Audition, and/or Teacher Recommendation
State Course Code: 05102A000
Proviso Course Code: MUS213140
This course develops advanced playing skills in the formalized setting of an orchestra and/or band. Types of instruments includes woodwinds, brass, and percussion. There are a minimum number of performances required per year for successful completion of this course.

## IH Concert Band - Woodwinds

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Beginning Band, Audition, and/or Teacher Recommendation
State Course Code: 05102A000
Proviso Course Code: MUS213102
This course develops advanced playing skills in the formalized setting of an orchestra and/or band. Types of instruments includes woodwinds, brass, and percussion. There are a minimum number of performances required per year for successful completion of this course.

## IH Music History/Appreciation

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 05116A000
Proviso Course Code: MUS213116
Music History/Appreciation surveys different musical styles and periods with the intent of increasing students' enjoyment of musical styles and/or developing their artistic and technical judgment. This course may also focus on
developing an understanding of a particular style or period. It is designed to help students explore the world of music and develop an understanding of the role music plays in their lives.

## IH Music Theory

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Music History/Appreciation
State Course Code: 05113A000
Proviso Course Code: MUS213113
This course explores fundamental music theory from both historical and modern perspectives including a study of the impact of technology on the development of music. Students will learn to write musical notation, terminology, and chord progression. Tonal and atonal musical styles are emphasized.


## Research and Theoretical Studies

1 credit is required.

Required Course for Junior Year (Choose one) [PMSA only]:

- IH Research Core - Social Science
- IH Research Core - Science
- $A P^{\circledR}$ Seminar
- IH Engineering Design \& Development (PLTW)

Required Course for Freshman Year [PEMSA AND PWMSA only]:

- IH $9^{\text {th }}$ Grade Research Core


## Required Course for IB Diploma Students:

- IB Theory of Knowledge - DP Year 1 and DP Year 2

The Research curriculum provides students with multiple opportunities to pursue areas of study that are of personal interest. This includes, but is not limited to, mentorships in the areas of medicine, physics, chemistry, biology, the arts, languages, math, technology, and business. This placement is dependent upon the availability and interests of both students and mentors.

The graduation system differentiates according to the depth of the research commitment. Students choosing to pursue an area of significant research and committing to produce and defend the work and the product will, after successful completion of IH Research Core (PMSA) or IH 9 ${ }^{\text {th }}$ Grade Research Core (PEMSA and PWMSA only), AP Seminar, or IH Engineering Design \& Development, apply for placement in IH Research Mentorship (PMSA only). Students who successfully complete the 2-year research program and defend their research will be awarded Graduation with Distinction.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite\# |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IH 9 ${ }^{\text {th }}$ Grade Research Core (PEMSA and PWMSA only) | X |  |  |  | 1.0 | Acceptance into the Academy Program |
| IH Research Core - Social Science (PMSA only) |  |  | X |  | 1.0 | Junior level standing |
| IH Research Core - Science (PMSA only) |  |  | X |  | 1.0 | Junior level standing |
| IB Theory of Knowledge DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Theory of Knowledge DP Year 2 |  |  |  | X | 1.0 | IB Theory of Knowledge - DP Year 1 |
| IH Research Mentorship (PMSA only) |  |  |  | X | 2.5 | Successful completion of required the IH Research Course; Completed Application; Minimum 3.5 GPA; and Teacher Recommendations |
| AP Seminar |  |  | X |  | 1.0 | 2 years of English |
| AP Research |  |  |  | X | 1.0 | AP Seminar |
| IH OneGoal Year 1 |  |  | X |  | 1.0 | None |
| IH OneGoal Year 2 |  |  |  | X | 1.0 | IH OneGoal Year 1 |
| IH Engineering Design \& Development (PLTW) |  |  | X |  | 1.0 | IH Principles of Engineering (PLTW) and IH Introduction to Engineering Design (PLTW) |

[^4]
## AP® Research

Grade: 12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: AP Seminar
State Course Code: 01106A000
Proviso Course Code: RTS312112
In $\mathrm{AP}^{\circledR}$ Research, students deeply explore an academic topic, problem, or issue of interest. They design, plan, and conduct a yearlong research-based investigation to address a research question, documenting their process with a portfolio. In lieu of an end-of-course exam, AP ${ }^{\circledR}$ Research ends with a 4,000- to 5,000-word academic paper and a presentation with an oral defense which contributes to the overall AP Research score. This course qualifies students for the $A P^{\circledR}$ Capstone when combined with qualifying scores from 3 other $A P^{\circledR}$ courses.

## AP® ${ }^{\circledR}$ Seminar

Grade: 11
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: 2 years of English
State Course Code: 22107A000
Proviso Course Code: RTS313110
$A P^{\circledR}$ Seminar is a yearlong course in which students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. During the course, students complete a team project and an individual paper and presentation, as well as take a written end-of-course exam. These components contribute to the overall AP ${ }^{\oplus}$ Seminar score.

## IB Theory of Knowledge - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04304A000
Proviso Course Code: RTS411304
What do we know? How do we know that we know it? What are the different ways in which we know? This course uses critical thinking and inquiry-based instruction to delve deeply into the nature and process of knowing. Students explore the distinction between personal and shared knowledge, identify eight different ways of knowing and connect them to areas of knowledge.

## IB Theory of Knowledge - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Theory of Knowledge - DP Year 1
State Course Code: 04304A000
Proviso Course Code: RTS412304
This course continues the exploration of the nature of knowledge and ways of knowing as well as the development of students' critical and analytic skills. Students are required to complete an essay on an IB title (from a list of six prescribed by the IB) and are required to present upon a knowledge question raised by a substantive real-life situation of their own interest. The presentation can be done individually or in a small group ( 3 person maximum).

IH $9^{\text {th }}$ Grade Research Core (PEMSA and PWMSA only)
Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the Academy Program
State Course Code: 01105A000
Proviso Course Code: RTS209105
Research and inquiry are core tenets of the Academy Program. In this course, students conduct research on a variety of topics. They explore real world problems of their choice using qualitative and quantitative methods which culminates in a final project for the course.

## IH Engineering Design \& Development (PLTW)

Please see course description in the Engineering and Technology Department section of this document.

## IH Research Core - Science (PMSA only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Junior level standing
State Course Code: 03212A000
Proviso Course Code: RTS211212
Research and inquiry are core tenets of the Academy Program. In this course, students conduct research with an emphasis on the physical and life sciences. They explore real world problems of their choice using qualitative and quantitative methods. The final assessment is a poster presentation at the annual Research Symposium.

## IH Research Core - Social Science (PMSA only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Junior level standing
State Course Code: 04261A000
Proviso Course Code: RTS211261
Research and inquiry are core tenets of the Academy Program. In this course, students conduct research with an emphasis on the social sciences. They explore real world problems of their choice using qualitative and quantitative methods. The final assessment is a poster presentation at the annual Research Symposium.

## IH Research Mentorship (PMSA only)

Grade: 12
Length: 2 semesters
Credit: 2.5
Prerequisite: Successful completion of required IH Research Course; Completed Application; Minimum 3.5 GPA;
and Teacher Recommendations
State Course Code: 01105A000
Proviso Course Code: RTS212105
Research and inquiry are core tenets of the Academy Program. In this course, students work alongside scientists and other professionals to engage in meaningful, real-world experiences. This course provides an opportunity for students to obtain individualized guidance from a local professional based on their personal interests. They collaborate with a mentor knowledgeable in similar fields of study, research interests, and extracurricular activities. This course examines how research questions are developed, various manners in which answers can be uncovered, and the interpretations discovered. The final assessment is a poster presentation at the annual Research Symposium. Fulfillment of this course earns students the additional accolade of "graduation with distinction."

## IH OneGoal ${ }^{\circledR}$ Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: None
State Course Code: 22106A001
Proviso Course Code: RTS211106
OneGoal ${ }^{\circledR}$ is a two-year course ( $11^{\text {th }}-12^{\text {th }}$ grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

## IH OneGoal ${ }^{\circledR}$ Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: One Goal Year 1
State Course Code: 22106A002
Proviso Course Code: RTS212106
OneGoal ${ }^{\circledR}$ is a two-year course ( $11^{\text {th }}-12^{\text {th }}$ grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.


PEMSA and PWMSA students will follow the MSA Research \& Theoretical Studies Course Progression for grades 9-10. They will follow the East \& West Course Progression for AP and IB courses in grades 11-12.

## Science

## 4 credits are required.

Required Courses: Physics, Chemistry, Biology, and choice of Elective or IB, AP or Dual Credit course equivalents. Students can replace one elective with AP Environmental Science.

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IH Physics | X |  |  |  | 1.0 | None |
| IH Chemistry |  | X |  |  | 1.0 | IH Physics |
| AP Biology* |  |  | x | X | 1.0 | IH Chemistry or IH Biology and Teacher Recommendation |
| IH Biology |  |  | X |  | 1.0 | IH Chemistry |
| IB Chemistry |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Biology - DP Year 1 |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Biology - DP Year 2 |  |  |  | X | 1.0 | IB Biology - DP Year 1 |
| IB Physics - DP Year 1 |  |  | x |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB Physics - DP Year 2 |  |  |  | X | 1.0 | IB Physics - DP Year 1 |
| IH Human Genetics |  |  |  | X | 1.0 | IH Biology |
| IH Anatomy \& Physiology |  |  |  | x | 1.0 | IH Biology |
| AP Physics 1* |  |  | X | X | 1.0 | Department Recommendation |
| AP Physics 2* |  |  | X | X | 1.0 | Department Recommendation |
| AP Chemistry* |  |  |  | X | 1.0 | Department Recommendation |
| IH Forensic Science |  |  |  | x | 1.0 | IH Biology |
| AP Environmental Science |  |  | x | x | 1.0 | IH Biology, IH Chemistry, and IH Physics |

\# Prerequisite courses must be completed with a passing grade.

* AP ${ }^{\circledR}$ Physics 1 and 2 may be offered in alternating years.


## Course Descriptions (in alphabetical order)

## AP ${ }^{\circledR}$ Biology

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Chemistry or IH Biology and Teacher Recommendation
State Course Code: 03056A000
Proviso Course Code: SCl313056
AP ${ }^{\circledR}$ Biology includes topics that are regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by AP® Biology is also used by college biology majors and the kinds of labs done by AP students are equivalent to those by college students. AP® Biology aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly
changing science of biology. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Chemistry

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: Department Recommendation
State Course Code: 03101A000
Proviso Course Code: SCI313106
$A P^{\circledR}$ Chemistry is a science elective that gives students an opportunity to earn credit for one year of general chemistry based on performance on the College Board Advanced Placement ( $\mathrm{AP}{ }^{\circledR}$ ) Exam in chemistry. This rigorous math-based course further develops student's ability to solve chemistry problems through laboratory and classroom experiences. Topics covered include matter and measurements, atomic structure, basic concepts of quantum theory, bonding, periodic trends, stoichiometry of reactions, thermochemistry, kinetic molecular theory, concepts of the liquid and solid states, solutions, redox reactions, acid-base theories, kinetics, free energy, entropy, and equilibria. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Environmental Science

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Biology, IH Chemistry, and IH Physics
State Course Code: 03207A000
Proviso Course Code: SCI313207
$\mathrm{AP}^{\circledR}$ Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, identify, and analyze environmental problems (both natural and human made), evaluate the relative risks associated with the problems, and examine alternative solutions for resolving and/or preventing them. Topics include science as a process, ecological processes and energy conversions, earth as an interconnected system, the impact of humans on natural systems, cultural and societal contexts of environmental problems, and the development of practices that will ensure sustainable systems. Fee: Cost of the $\mathrm{AP}^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Physics 1

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Department Recommendation
State Course Code: 03163A000
Proviso Course Code: SCI312165
Designed by the College Board, $\mathrm{AP}^{\circledR}$ Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students develop scientific critical thinking and reasoning skills. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Physics 2

Grade: 11-12
Length: 2 semesters
Credit: 1.0
State Course Code: 03164A000

Proviso Course Code: SCl312166
Designed by the College Board, AP Physics $2^{\circledR}$ is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquirybased laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## IB Biology - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 03057A000
Proviso Course Code: SCl411057
In this course, students study the living world from the molecular level through the ecosystem level and investigate the way living systems function. Through the study of sciences, students become aware of how scientists work and communicate with each other. They approach the scientific method in a practical manner although possibly in different forms. Through the overarching theme of the "Nature of Science," their knowledge and skills are applied to the context of the way science and scientists work in the $21^{\text {st }}$ Century and the ethical debates and limitations of creative scientific endeavors. In this hands-on course, students design investigations, collect data, develop manipulative skills, analyze results, collaborate with peers, and evaluate and communicate their findings. Students undertake a project in which they investigate one of the science disciplines from a variety of topics. Topics include Cell Biology; Molecular Biology; Genetics, Biotechnology and Bioinformatics.

## IB Biology - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Biology - DP Year 1
State Course Code: 03057A000
Proviso Course Code: SCI412057
Students continue their study of living systems through the scientific method following the same approach and philosophy as DP Year 1. Topics include Ecology; Evolution and Biodiversity; Human Physiology; Plant Biology. Students are required to take the IB examinations in May which include short and extended response questions.

## IB Chemistry

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 03107A000
Proviso Course Code: SCl411107
Students study the chemical principles which underpin both the physical environment in which we live and all biological systems. Through the study of sciences, students become aware of how scientists work and communicate with each other. Students approach the scientific method in a practical manner although possibly in different forms. Through the overarching theme of the "Nature of Science" their knowledge and skills are applied to the context of the way science and scientists work in the $21^{\text {st }}$ Century and the ethical debates and limitations of creative scientific endeavor. Core topics include stoichiometric relationships; periodicity; chemical bonding and structure; energetics/thermochemistry; chemical kinetics; equilibrium; acids and bases; redox processes; organic chemistry; measurement and data processing. Options for study include materials, biochemistry, energy, and medicinal chemistry. Students undertake an Individual Investigation. Possible tasks include laboratory investigation, use of spreadsheet for analysis and modeling, graphic analysis of data, hybridization of spreadsheet/database with lab
investigation, interactive and open-ended simulation. Additionally, students are required to take the IB examinations in May, which include short response and extended response questions.

## IB Physics - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 03157A000
Proviso Course Code: SCI411157
Students seek to explain the universe itself from the very smallest particles to vast galaxies via theoretical, experimental, and technological physics. Students make observations, use, and develop models in order to try to understand observations, and subsequently use and develop theories that attempt to explain the observations. Through the study of sciences, students become aware of how scientists work and communicate with each other. Students approach the scientific method in a practical manner although possibly in different forms. Through the overarching theme of the "Nature of Science," their knowledge and skills are applied to the context of the way science and scientists work in the $21^{\text {st }}$ Century and the ethical debates and limitations of creative scientific endeavor. Core topics include measurements and uncertainties, mechanics, thermal physics, waves, electricity and magnetism, circular motion and gravitation, atomic/nuclear/particle physics, and energy production. Options for study include relativity, engineering physics, imaging, and astrophysics. Students undertake an Individual Investigation such as laboratory investigation, use of spreadsheet for analysis and modeling, graphic analysis of data, hybridization of spreadsheet/database with lab investigation, and interactive and open-ended simulation.

## IB Physics - DP Year 2

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Physics - DP Year 1
State Course Code: 03157A000
Proviso Course Code: SCI412157
In this course, students continue their study of the universe itself from the very smallest particles to vast galaxies via theoretical, experimental, and technological physics, following the same approach and philosophy as DP Year 1. Additionally, students are required to take the IB exams in May which include short response and extended response questions.

## IH Anatomy \& Physiology

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Biology
State Course Code: 03053A000
Proviso Course Code: SCI213053
This is a comprehensive college preparatory elective science course. Topics include the organization of the human body, basic biochemistry, cells and tissues, integumentary system, skeletal system, muscular system, nervous system, special senses, endocrine system, cardiovascular system, lymphatic and immune system, respiratory system, digestive system, urinary system, reproductive system, development, and inheritance. Laboratory work includes dissection of preserved specimens, microscopic study, physiologic experiments, and computer simulations.

## IH Biology

Grade: 11
Length: 2 semesters
Credit: 1.0

Prerequisite: IH Chemistry
State Course Code: 03052A000
Proviso Course Code: SCI211052
This course deals with the study of living things and attempts to develop understandings of basic biological principles. Emphasis is placed upon the chemical and physical basis of life, the continuity of life, the fundamental life processes, evolution of life, and the interdependence of living things and the environment. The program is heavily oriented toward laboratory investigation and critical thinking skills. Students should have above average abilities in reading, science, and critical thinking skills to be enrolled in this course.

## IH Chemistry

Grade: 10
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Physics
State Course Code: 03101A000
Proviso Course Code: SCI210149
Students use measurement and observation skills while investigating the composition of substances and the changes they undergo. This course emphasizes the strategies and techniques of scientific investigation, problem solving, and critical thinking. This is accomplished through extensive use of demonstrations, classroom discussions, laboratory investigations, and textbook materials. Topics are covered at a faster pace with in-depth quantitative reasoning used as the focus for each topic of study. Topics include classification of matter and changes, conservation of matter and energy, gas behavior, principles of atomic theory, nuclear chemistry, periodic properties of the elements, chemical bonding, the mole and stoichiometry, chemical reactions, acids and bases, solutions, and introductory thermochemistry. Independent student projects and scientific investigations are course requirements. This course incorporates in-depth inquiry and more opportunities for student-centered activities.

## IH Forensic Science

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Biology
State Course Code: 03202A000
Proviso Course Code: SCl213214
In this course, students are presented with the philosophical, rational, and practical framework that supports a case investigation. The curriculum includes an outline of the unifying principles of forensic science and discussions on what a forensic scientist might consider during an investigation. Students also discuss the experimental methods and some of the ways in which a forensic analysis can be confounded. This course is not an overview of the disciplines that comprise the Forensic Sciences, but rather the umbrella under which the practical work resides. Students work through interactive exercises and discuss various scenarios with the instructors and their fellow classmates in a discussion forum. The explanation and clarification of assumptions and inferences are emphasized. Students take a final examination at the end of the course in which they demonstrate their knowledge of specific information presented and extend that knowledge in considering questions about specific cases.

## IH Human Genetics

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Biology
State Course Code: 03059A000
Proviso Course Code: SCI212059

This course introduces basic human genetic principles and contemporary issues in biotechnology. Addresses the ethical, political, and social implications of biological advances in the area of genetics. Topics include genetic counseling, gene therapy, stem cell research, cloning, forensics, paternity testing, genetic disorders, and cancer.

## IH Physics

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 03151A000
Proviso Course Code: SCI209151
Physics is the study of the fundamental behavior of the physical universe on both large and small scales. This course examines topics involving motion, momentum, energy, wave, and particle behavior using principles and strategies of inquiry. Emphasis is placed on physics in the modern era, studying the impact of physics and technology on our society, and the application of data analysis strategies and tools to the study of real-world data. Additionally, MSA IH Physics incorporates in-depth inquiry and more opportunities for student-centered activities.


PEMSA and PWMSA students will follow the MSA Science Course Progression for grades 9-10. They will follow the East \& West Course Progression for AP and IB courses in grades 11-12.

## Social Science

## 3 credits are required.

Required Courses: IH Global Studies, IH Civics, IH Black History 365, and IH US History or IB, AP or Dual Credit course equivalents

| Course Name | 9 | 10 | 11 | 12 | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| AP World History | X | X | X | X | 1.0 | Placement Test or Teacher Recommendation |
| IH Global Studies | X |  |  |  | 1.0 | None |
| AP European History |  | X | X | X | 1.0 | Teacher Recommendation |
| AP Human Geography | X | X | X | X | 1.0 | Teacher Recommendation |
| AP Psychology |  | X | X | X | 1.0 | Teacher Recommendation |
| AP US Government \& Politics |  | X | X | X | 0.5 | AP World History or Teacher Recommendation |
| IH Civics |  | X | X | X | 0.5 | IH Global Studies or AP World History |
| IH Black History 365 ${ }^{+}$ |  | X |  |  | 0.5 | IH Global Studies or AP World History |
| IH Applied Anthropology |  |  | X | X | 1.0 | Teacher Recommendation |
| IH Psychology |  |  | X | X | 0.5 | Junior/Senior level standing |
| IH Contemporary American History |  |  | x | x | 0.5 | Junior/Senior level standing |
| AP Macroeconomics |  |  | X | X | 0.5 | Teacher Recommendation |
| AP Microeconomics |  |  | X | X | 0.5 | Teacher Recommendation |
| IB Psychology |  |  | x | x | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IH US History |  |  | X |  | 1.0 | IH American Government |
| US History (Dual Credit)* |  |  | X |  |  | IH American Government |
| AP US History |  |  | X | x | 1.0 | IH American Government and Teacher Recommendation |
| African and African American Thought (Dual Credit)*+ |  |  | X | x | 0.5 | IH US History or equivalent |
| IB History - DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |
| IB History - DP Year 2 |  |  |  | x | 1.0 | IB History - DP Year 1 |
| IB Economics |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate Programme |

\#Prerequisite courses must be completed with a passing grade.

* All Dual Credit courses require students to meet qualifications established by Triton College.
+This course satisfies the Black History graduation requirement.


## Course Descriptions (in alphabetical order)

## African and African American Thought (Dual Credit)

Grade: 11-12
Length: 1 semester
Credit: 0.5

Prerequisite: IH US History
State Course Code: 04062A000
Proviso Course Code: SOC513260
This dual credit course includes a philosophical investigation of African and African American thought in the context of intellectual and cultural history of sub-Saharan Africa.

## AP ${ }^{\circledR}$ European History

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Teacher Recommendation
State Course Code: 04056A000
Proviso Course Code: SOC313056
In $\mathrm{AP}^{\circledR}$ European History, students study the history of Europe from the Renaissance to the present. Reading and writing analysis will emphasize intellectual, cultural, social, and economic history as well as political and diplomatic developments. The course prepares students for the Advanced Placement (AP) examination of the College Board. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Human Geography

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Teacher Recommendation
State Course Code: 04004A000
Proviso Course Code: SOC313004
The purpose of the $A P^{\circledR}$ Human Geography course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and application. Upon successful completion of the course, students will have developed skills that enable them to do the following: Understand and explain the implications of associations and networks among phenomena in places. Recognize and interpret the relationships among patterns and process at different scales of analysis. Define regions and evaluate the regionalization process. Characterize and analyze changing interconnections among places. Interpret maps and analyze geospatial data. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Macroeconomics

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Teacher Recommendation
State Course Code: 04204A000
Proviso Course Code: SOC313204
In AP ${ }^{\circledR}$ Macroeconomics, students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They also examine how individuals, institutions, and influences affect people, and how those factors can impact society with employment rates, government spending, inflation, taxes, and production. Students prepare for the AP Exam and for further study in business, political science, and history. Students are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Microeconomics

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Teacher Recommendation
State Course Code: 04203A000
Proviso Course Code: SOC313203
$A P^{\circledR}$ Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students learn why the same product costs different amounts at different stores, in different cities, at different times. They will also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behaviors under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. The equivalent of a 100-level college course, AP Microeconomics prepares students for the AP Exam and for further study in business, history, and political science. This course has been authorized by the College Board to use the AP designation. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ Psychology

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Teacher Recommendation
State Course Code: 04256A000
Proviso Course Code: SOC313256
The $A P^{\circledR}$ Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. They explore how psychologist use research methods and critical analysis to explore human behavior. Also, they will discuss how biological, cognitive, and cultural factors converge and facilitate acquisition, development and use of language. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ US Government \& Politics

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: US History and Teacher Recommendation
State Course Code: 04157A000
Proviso Course Code: SOC312157
AP ${ }^{\circledR}$ US Government \& Politics gives students an analytical perspective on government and politics in the United States. This course includes the study of general concepts used to interpret US government and politics and the analysis of specific examples. Students become familiar with the variety of theoretical perspectives and explanations for various behaviors and outcomes in this course. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Fee: Cost of the AP ${ }^{\circledR}$ Exam per the College Board rate. Reduced fee waivers may apply.

## AP ${ }^{\circledR}$ US History

Grade: 11-12
Length: 2 semesters

Credit: 1.0
Prerequisite: IH American Government and Teacher Recommendation
State Course Code: 04104A000
Proviso Course Code: SOC313104
This AP ${ }^{\circledR}$ US History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US history from the settlement of the New World to the recent past. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students learn to assess historical materials - their relevance to a given interpretive problem, reliability, and importance-and to weigh the evidence and interpretations presented in historical scholarship. This course develops the skills necessary to arrive at conclusions based on an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students in this course are required to take the AP® Exam. Fee: Cost of the AP ${ }^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply. This course satisfies the consumer education graduation requirement.

## AP ${ }^{\circledR}$ World History

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test or Teacher Recommendation
State Course Code: 04057A000
Proviso Course Code: SOC313067
The purpose of the AP ${ }^{\circledR}$ World History course is to help students develop a greater understanding of global processes and contacts in different types of human societies. Students will develop the skills necessary to critically examine human society in the present and the past, as a whole and in its parts. Students will use the tools of political, social, cultural, environmental, and economic historians to analyze the world in which they live. No more than twenty percent of this course will focus on European history. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the AP ${ }^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## IB Economics

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04206A000
Proviso Course Code: SOC411206
The study of Economics centers around scarcity, resources, and human wants. Economics uses scientific methodologies (quantitative and qualitative) and explores theories of macroeconomics and microeconomics in application to real-world issues. Through the study of economics, students will develop international mindedness and global awareness as well as self-awareness of their responsibilities at the local through the international level with a view to resolving economic issues. Topics studied include Macroeconomics, Microeconomics, International Economics, Development Economics. Students produce a commentary portfolio based on news articles.

## IB History - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04054A000
Proviso Course Code: SOC411054
This course introduces the understanding of history as a discipline, including the nature and diversity of its sources, methods, and interpretations. It also helps students gain a better understanding of the present through critical reflection of the past. It requires students to make comparisons between similar and dissimilar solutions to common
situations, political, economic, or social. It invites comparisons between, but not judgments of, different cultures, political systems, and national traditions. They study the history of the United States, Canada, and Latin America. Topics include Causes, Course, and Effects of the American Civil War; Causes and Effects of $20^{\text {th }}$ Century Wars; The Great Depression and the Americas; Civil Rights and Social Movements in the Americas Post-1945.

## IB History - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB History - DP Year 1
State Course Code: 04054A000
Proviso Course Code: SOC412054
Students continue the study of the history of the United States, Canada and Latin America as well as involvement in and impact on global events. Topics include Results of the Great Depression and Links to Military Expansion in Asia and Europe, Move to Global War, and the Cold War. Students undertake an individual Historical Investigation. Additionally, students are required to sit the IB examinations in May which include source-based and essay papers.

## IB Psychology

Grade: 11 (DP Programme or Certificate), 12 (Certificate only)
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 04257A000
Proviso Course Code: SOC413257
Psychology is the systemic study of behavior and mental processes. With roots in both natural and social science, it uses a variety of research methodologies to develop an understanding of modern society. Students examine the biological, cognitive, and sociocultural influences on human behavior and explore various ethical implications of psychological research. Students become aware of the benefits of psychological research, follow ethical practices in their own research, and study alternative explanations of behavior. They are required to conduct an experiment and produce a report on it. Additionally, students are required to sit the IB examinations in May.

## IH Civics

Grade: 10-12
Length: 1 semester
Credit: 0.5
Prerequisite: IH Global Studies or AP World History
State Course Code: 04161A000
Proviso Course Code: SOC212165
IH Civics examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

## IH Applied Anthropology

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Teacher Recommendation

Anthropology is the study of the origin, the behavior, and the physical, social, and cultural development of humans. This course examines these tenets within the context of modern life with a particular emphasis on urban societies.

## IH Black History 365

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: IH Global Studies or AP World History
State Course Code: 04107A000
Proviso Course Code: SOC210107
This course examines the history, politics, economics, society and/or culture of African Americans in the United States. This course may focus primarily on the history of individuals of African Ancestry and take a more comprehensive approach to studying the contemporary issues affecting African Americans.

## IH Contemporary American History

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Junior/Senior level standing
State Course Code: 04103A000
Proviso Course Code: SOC213103
This class is designed to give students the background and skills needed to understand the most pressing political, economic, and social issues and events of the day. The course presents dynamic and emerging events by providing historical and geographic context. Current issues stress a historical approach but focus on how historical themes are active in current events. Students will continue to hone their social studies skills to analyze events, view them critically, and formulate their own opinions on the events and their responsibility for them.

## IH Global Studies

Grade: 9
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 04061A000
Proviso Course Code: SOC209199
In this course, students gain an appreciation for various approaches to historical analysis, which includes social, political, economic, and intellectual history. This course asks students to analyze how history and culture inform our understanding of the world today and how global interdependence, far from being a new phenomenon, has unfolded over the course of thousands of years. The course emphasizes such skill areas as expository writing, oral communication, and evaluation of primary sources, map analysis, research techniques, and critical thinking dispositions. This course is taken freshman year and is a prerequisite for all future social studies classes.

## IH Psychology

Grade: 11-12
Length: 1 semester
Credit: 0.5
Prerequisite: Junior/Senior level standing
State Course Code: 04254A000
Proviso Course Code: SOC213254

This one semester course explores the concepts, theories, perspectives, phenomena, personality, abnormal psychology, and behaviors associated with the subfields and research of psychology. Students will analyze methods psychologists use to study various types of behaviors and meet the processes and evaluate the validity and significance of their contributions.

## IH US History

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IH American Government
State Course Code: 04101A000
Proviso Course Code: SOC511101
This is a survey course that traces the key historic and social developments of the American experience from its precolonial origins to the present. Students acquire an understanding of American culture by studying the political and economic systems, the development of value systems, and interactions among the many groups that live in the United States. The course emphasizes such skill areas as map analysis, evaluation of primary sources, library research techniques, expository writing, and multimedia presentations.

## US History (Dual Credit)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IH American Government
State Course Code: 04101A000
Proviso Course Code: SOC511101
This dual credit course traces the key historic and social developments of the American experience from its precolonial origins to the present. Students acquire an understanding of American culture by studying the political and economic systems, the development of value systems, and interactions among the many groups that live in the United States. The course emphasizes such skill areas as map analysis, evaluation of primary sources, library research techniques, expository writing, and multimedia presentations.


PEMSA and PWMSA students will follow the MSA Social Science Course Progression for grades 9-10. They will follow the East \& West Course Progression for AP and IB courses in grades 11-12.

## THEATRE

The Theatre Department provides opportunities for students to engage in experiences as preparation for creative careers and responsible citizenship. Theatre courses cultivate students' abilities to think, collaborate, perform, and problem-solve in innovative ways.

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite $^{\#}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| IH Theatre* | X | X | X | X | 1.0 | None (Elective credit only) |
| IH Advanced Theatre* |  | X | X | X | 1.0 | IH Theatre, Audition, and/or Teacher <br> Recommendation (Elective credit only) |

\# Prerequisite courses must be completed with a passing grade.

* Elective credit only


## IH Advanced Theatre

Grade: 10-12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: IH Theatre, Audition, and/or Teacher Recommendation
State Course Code: 05053A000
Proviso Course Code: THE213055
In this course, students continue to develop their skills in acting, play production, and creative writing. They present one public performance of a play or other scripted performance each semester.

## IH Theatre

Grade: 9-12
Length: 2 semesters
Credit: 1.0 (Elective credit only)
Prerequisite: None
State Course Code: 05055A000
Proviso Course Code: THE213051
This course introduces students to the basic tools, techniques, and processes of acting and play production. Students learn about improvisation, creating a character, script analysis, creative writing, memorization techniques, theater history, dramatic structure, and staging and rehearsing scenes. They produce a showcase of scenes to perform for the public.


## Wellness

## 4 credits are required.

Required Courses: IH Wellness 1, IH Health, IH Wellness 2, IH Driver's Education: In the Classroom, IH Wellness 3, IH Wellness 4 or IB, AP or Dual Credit course equivalents

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :--- | :--- | :--- | :--- | :--- | :---: | :--- |
| IH Wellness 1 | X |  |  |  | 0.5 | None |
| IH Health Education | X |  |  |  | 0.5 | None |
| IH Driver's Education <br> Behind-the-Wheel |  | X |  |  | 0.5 | 15 years of age, IH Driver's Education: In the <br> Classroom, and Driving Permit |
| IH Wellness 2 |  | X |  |  | 0.5 | IH Wellness 1 |
| IH Driver's Education: In <br> the Classroom |  | X |  |  | 0.5 | IH Wellness 1 and must successfully complete <br> 8 classes in the previous 2 semesters of <br> coursework |
| IH Wellness 3 |  |  | X |  | 1.0 | IH Wellness 2 |
| IB CAS Wellness |  |  |  | X | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme |
| IH Wellness 4 |  |  | X | 1.0 | IH Wellness 3 |  |
| Wellness 4 <br> (Dual Credit)* |  |  |  | IH Wellness 3 |  |  |

\# Prerequisite courses must be completed with a passing grade.

* All Dual Credit courses require students to meet qualifications established by Triton College.


## Course Descriptions (in alphabetical order)

## IB CAS Wellness

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 08001A000
Proviso Course Code: WEL413301
Students in this course will focus on the elements of the creativity, activity, service (CAS) required component of the Diploma Programme (DP), and on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level.

## IH Driver's Education: Behind-the-Wheel

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: 15 years of age, IH Driver's Education in the Classroom, and Driving Permit
State Course Code: 08151A000
Proviso Course Code: WEL610154
IH Driver's Education: Behind-the-Wheel is an optional course, offered for 6 hours. Instruction is made available to students, but it is not required for graduation. The permit allows the students to begin the required 50 hours of behind-the-wheel instruction with their parents and the 6-hour behind-the-wheel school phase outside of the
regular school day, and/or during the summer. Students who show a proficiency in the classroom and behind-thewheel phases (minimum of grade B) may earn the opportunity to take their actual road test with their MSA instructor. Students that achieve this level of excellence will receive a certificate of completion entitling them to receive their license without any further testing. Fees: $\$ 175.00$ user fee payable to Proviso Township High Schools, a $\$ 20.00$ application fee for permit payable to the Secretary of State, and a $\$ 15.00$ workbook fee are required.

## IH Driver's Education: In the Classroom

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: IH Wellness 1 and must successfully complete 8 classes in the previous 2 semesters of coursework State Course Code: 08151A000
Proviso Course Code: WEL610153
IH Driver's Education: In the Classroom is designed to develop safe, courteous, and skillful drivers. To enter the driver's education program, students must have completed freshman physical education and maintained a 90\% attendance rate during the school year prior to taking this course. Topics in this course include legal obligations and responsibility; rules of the road and traffic procedure; safe driving strategies and practices; and the physical and mental factors affecting the driver's capability "including alcohol and other drugs. At the end of this course, students receive their permit, which must be held three (3) months before they can be issued a license. NOTE: This course meets the driver's education requirement for graduation.

## IH Health Education

Grade: 9
Length: 1 semester
Credit: 0.5
Prerequisite: None
State Course Code: 08051A000
Proviso Course Code: WEL209051
This course is designed to promote awareness of physical, mental, and social developmental needs for optimal health. Topics covered within Health Education courses include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, relationships, sex ed. and first aid) and consumer health issues.

## IH Wellness 1

Grade: 9
Length: 1 semester
Credit: 0.5
Prerequisite: None
State Course Code: 08001A000
Proviso Course Code: WEL209301
This course is the initial course of a 4-part sequence that focuses on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level.

## IH Wellness 2

Grade: 10
Length: 1 semester
Credit: 0.5
Prerequisite: IH Wellness 1
State Course Code: 08001A000
Proviso Course Code: WEL210301

This course is the second part of a sequence that focuses on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level.

## IH Wellness 3

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Wellness 2
State Course Code: 08001A000
Proviso Course Code: WEL211301
This course is the third part of a sequence that focuses on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level.

## IH Wellness 4

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Wellness 3
State Course Code: 08001A000
Proviso Course Code: WEL212301
This course is the final part of a sequence that focuses on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level. Students in this course will receive CPR training. Fee: CPR certification fee may apply

## Wellness 4 (Dual Credit)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Wellness 3
State Course Code: 08001A000
Proviso Course Code: WEL512301
This dual credit course is the final part of a sequence that focuses on all aspects of wellness and personal development, including emotional health and social maturity. In addition, students will have the opportunity to develop skills in recreational sports and fitness/conditioning activities. Content and processes are designed to be age-appropriate for students at this level. Students in this course will receive CPR training. Fee: CPR certification fee may apply.


## Notes

Driver's Education: Behind the Wheel is offered outside the school day.


## World Languages

2 credits are required - 2 credits of the same language

| Course Name | $\mathbf{9}$ | $\mathbf{1 0}$ | $\mathbf{1 1}$ | $\mathbf{1 2}$ | Credit | Prerequisite ${ }^{\text {\# }}$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :--- |
| IH French 1 | X | X | X |  | 1.0 | None |
| IH French 2 | X | X | X | X | 1.0 | IH French 1 or Placement Test |
| IH French 3 |  | X | X | X | 1.0 | IH French 2 |
| IH French 4 |  |  | X | X | 1.0 | IH French 3 |
|  <br> Culture |  |  | X | X | 1.0 | IH French 3 |
| IB Language Ab Initio <br> French SL Year 1 |  |  | X |  | 1.0 | New to language, IB application submitted |
| IB Language Ab Initio <br> French SL Year 2 |  |  |  | X | 1.0 | IB Language Ab Initio French SL Year 1 |
| IB Language B French - <br> DP Year 1 |  |  | X |  | 1.0 | Acceptance into the IB Diploma or Certificate <br> Programme |
| IB Language B French - <br> DP Year 2 |  |  |  | X | 1.0 | IB Language B French - DP Year 1 |
| IH Spanish 1 |  |  |  |  |  |  |

\# Prerequisite courses must be completed with a passing grade.

## Course Descriptions (in alphabetical order by language)

## FRENCH

## $A^{\circledR}{ }^{\circledR}$ French Language \& Culture

Grade: 11-12

Length: 2 semesters
Credit: 1.0
Prerequisite: French 3
State Course Code: 06132A000
Proviso Course Code: WLA313114
In AP ${ }^{\circledR}$ French Language \& Culture, students explore culture in contemporary and historical contexts. They develop awareness and appreciation of products, practices, and perspectives of French/Francophone culture via authentic artifacts. Instruction and student interaction are exclusively in French. Students in this course are required to take the $A P^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## IB Language Ab Initio French SL Year 1 (PEMSA/PWMSA only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: New to language, IB application submitted
State Course Code: 24118A000
Proviso Course Code: WLA411118
French Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

## IB Language Ab Initio French SL Year 2 (PEMSA/PWMSA only)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language Ab Initio French SL Year 1
State Course Code: 24118A000
Proviso Course Code: WLA412118
Students continue to develop the ability to communicate in French through the study of language, themes and texts. They also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course. The language ab initio syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. The language ab initio syllabus prescribes four topics for each of the five prescribed themes for a total of 20 topics that must be addressed in the language ab initio course. The internal assessment is an individual oral interview completed during the second year of the course. Students are also required to sit the IB examinations in May which include text-handling exercises, a written exercise, and a separate section for listening.

## IB Language B French - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 06131A000
Proviso Course Code: WLA411113
The acquisition of an additional language opens the door to cross-cultural communication and understanding. Students are encouraged to develop their communicative skills, their global awareness, and their respect for cultural diversity. They study a language and its culture(s) via five themes (identities, experiences, human ingenuity, social organization and sharing the planet). Students work toward developing the skills that will be assessed as well as intercultural understanding and using and appreciating the language studied. Students are assessed informally
and formally throughout year 1. Formal assessments include interactive oral activities. Additionally, those students taking the course at the HL level begin the study literature written in the target language.

## IB Language B French - DP Year 2

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language B French - DP Year 1
State Course Code: 06131A000
Proviso Course Code: WLA412113
Students continue to develop their acquisition of language and to expand and refine their communicative skills, their global awareness, and their respect for cultural diversity. They continue to study a language and its culture(s) via the themes introduced in year 1. By the end of the two-year course of studies, students are able to demonstrate intercultural understanding, understand and use the language and appreciate its culture(s), be aware of and appreciate differences of cultural perception, gain a basis for further study, enjoyment and/or employment courtesy of knowledge of another language and its culture(s). They are assessed informally and formally throughout year 2. Formal assessments include an individual oral and an interactive oral activity. Students are required to sit the IB examinations in May which include text-handling exercises, a written exercise, and an inter-textual reading with a written task. Additionally, those students taking the course at the HL level have an additional written exercise and added length/depth of response requirements included on the examination.

## IH French 1

Grade: 9-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 06121A000
Proviso Course Code: WLA213102
This course requires no previous language experience. This course is a communicative-based introduction to French language integrated with French/Francophone culture. It is a "French first" class in that initial instruction takes place in the target language first and student participation is encouraged to be in the target language as much as possible. By the end of FH French 1, the student will be able to communicate in French in a basic manner (discuss him/herself and his/her family and friends, discuss likes/dislikes/needs, make, and respond to simple requests, etc.) with both native and non-native French speakers.

## IH French 2

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH French 1 or Placement Test
State Course Code: 06122A000
Proviso Course Code: WLA213103
This course integrates the continued acquisition of French grammar and vocabulary with an exploration of immigration, assimilation, and citizenship in French/Francophone countries. At this level, students are expected to interact in French during class. By the end of the course, they will be able to communicate in French with native and non-native French speakers and be conversant on immigration, assimilation, and citizenship.

## IH French 3

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH French 2

This course integrates the acquisition of advanced French grammar and vocabulary with the study of the culture of a specific Francophone country. At this level, students are expected to interact predominantly in French during class. By the end of this course, they will be able to communicate passably in French with native and non-native French speakers and be conversant on the literature, arts, and history of a specific Francophone country.

## IH French 4

Grade: 11-12
Length: 2 semesters
Credit: 1.0
Prerequisite: French 3
State Course Code: 06124A000
Proviso Course Code: WLA213105
This course integrates advanced communicative French with the study of French/Francophone literature, art, and history. At this level, students are expected to interact exclusively in French during class. By the end of this course, they will be able to communicate comfortably in French with native and non-native French speakers and be conversant on a variety of topics, especially literature, the arts, and history.

## SPANISH

## AP ${ }^{\circledR}$ Spanish Language \& Culture

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Spanish 4, IH Advanced Spanish 3 Immersion, or Teacher Recommendation
State Course Code: 06112A000
Proviso Course Code: WLA313064
In $\mathrm{AP}^{\circledR}$ Spanish Language \& Culture, student explore culture in contemporary and historical contexts. They develop awareness and appreciation of products, practices, and perspectives of Hispanic culture via authentic artifacts. Instruction and student interaction are exclusively in Spanish. Students in this course are required to take the AP ${ }^{\circledR}$ Exam. Fee: Cost of the $A P^{\circledR}$ Exam fee per the College Board rate. Reduced fee waivers may apply.

## IB Language Ab Initio Spanish SL Year 1 (PEMSA/PWMSA only)

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: New to language, IB application submitted
State Course Code: 24068A000
Proviso Course Code: WLA411068
Spanish Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

## IB Language Ab Initio Spanish SL Year 2 (PEMSA/PWMSA only)

Grade: 12
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language Ab Initio Spanish SL Year 1
State Course Code: 24068A000

Students continue to develop the ability to communicate in Spanish through the study of language, themes and texts. They also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course. The language ab initio syllabus is organized into five prescribed themes: identities, experiences, human ingenuity, social organization and sharing the planet. The language ab initio syllabus prescribes four topics for each of the five prescribed themes for a total of 20 topics that must be addressed in the language ab initio course. The internal assessment is an individual oral interview completed during the second year of the course. Students are also required to sit the IB examinations in May which include text-handling exercises, a written exercise, and a separate section for listening.

## IB Language A Spanish - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 24067A000
Proviso Course Code: WLA411067
Spanish courses prepare students to take the IB Language A: Language \& Literature exams. Course content includes in-depth study of composition for purpose and audience, forms of mass communication and the media, and the context and elements of literature.

## IB Language A Spanish - DP Year 2

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: IB Language A Spanish - DP Year 1
State Course Code: 06110A000
Proviso Course Code: WLA412067
Spanish courses prepare students to take the IB Language A: Language \& Literature exams. Course content includes in-depth study of literature chosen from the appropriate IB list of texts and authors, written analyses and critiques of this literature, and other oral and written assignments.

## IB Language B Spanish - DP Year 1

Grade: 11
Length: 2 semesters
Credit: 1.0
Prerequisite: Acceptance into the IB Diploma or Certificate Programme
State Course Code: 06111A000
Proviso Course Code: WLA411063
The acquisition of an additional language opens the door to cross-cultural communication and understanding. Students are encouraged to develop their communicative skills, their global awareness, and their respect for cultural diversity. Students study a language and its culture(s) via five themes (identities, experiences, human ingenuity, social organization and sharing the planet). Students work toward developing the skills that will be assessed. Students will work toward intercultural understanding, using, and appreciating the language studied. Students will be assessed both informally and formally throughout year 1. Formal assessments include interactive oral activities. Additionally, those students taking the course at the HL level begin the study literature written in the target language.

## IB Language B Spanish - DP Year 2

Grade: 12
Length: 2 semesters

Credit: 1.0
Prerequisite: IB Language B Spanish - DP Year 1
State Course Code: 06111A000
Proviso Course Code: WLA412063
Students continue to develop their acquisition of language and to expand and refine their communicative skills, their global awareness, and their respect for cultural diversity. Students continue to study a language and its culture(s) via the themes introduced in year 1. By the end of the two-year course of studies, students are able to demonstrate intercultural understanding, understand and use the language and appreciate its culture(s), be aware of and appreciate differences of cultural perception, gain a basis for further study, enjoyment and/or employment courtesy of knowledge of another language and its culture(s). Students are assessed both informally and formally throughout year 2. Formal assessments include an individual oral and an interactive oral activity. Students are required to sit the IB examinations in May which include text-handling exercises, a written exercise, and an intertextual reading (with a written task). Additionally, those students taking the course at the HL level have an additional written exercise and added length/depth of response requirements included on the examination.

## IH Advanced Spanish 2 Immersion

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: Placement Test
State Course Code: 06106A000
Proviso Course Code: WLA213057
This course was created specifically for advanced Spanish speakers. The goal of this class is to expand student proficiency in Spanish in all four-skill areas: listening, speaking, reading, and writing. In addition, the course explores the historical, political, and cultural aspects of Spanish speaking countries.

## IH Advanced Spanish 3 Immersion

Grade: 10-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Advanced Spanish 2 Immersion or Teacher Recommendation
State Course Code: 06106A000
Proviso Course Code: WLA213059
This course is a continuation of IH Advanced Spanish 2 Immersion. The goal of this class is to further expand student proficiency in Spanish in all four skill areas (listening, speaking, reading, and writing) through the exploration of historical, political, and cultural aspects of Spanish speaking countries.

## IH Spanish 1

Grade: 9-11
Length: 2 semesters
Credit: 1.0
Prerequisite: None
State Course Code: 06101A000
Proviso Course Code: WLA213052
This course requires no previous language experience. Students learn basic communication skills through speaking, reading, and writing practice. By the end of this course, students are able to understand main ideas in fiction and nonfiction texts. In addition, students will be able to communicate in Spanish with native and non-native Spanish speakers about basic topics such as their identity, family and friends, and likes and dislikes as well as respond to simple requests. This course also covers cultural topics related to Spanish-speaking countries in Latin America.

## IH Spanish 2

Grade: 9-12

Length: 2 semesters
Credit: 1.0
Prerequisite: IH Spanish 1 or Placement Test
State Course Code: 06102A000
Proviso Course Code: WLA213053
This course is designed to improve language skills from IH Spanish 1. Students build larger vocabularies and improve sentence structure as they engage in written and oral discourse. They also read cultural selections to increase their conversational and writing skills in Spanish.

## IH Spanish 3

Grade: 9-12
Length: 2 semesters
Credit: 1.0
Prerequisite: IH Spanish 2 or Placement Test
State Course Code: 06103A000
Proviso Course Code: WLA213054
This course concentrates on the acquisition of high intermediate to advanced linguistic skills in speaking, reading, and writing Spanish, building on what was learned in IH Spanish 1 and 2. Students will be able to communicate passably in Spanish with native and non-native Spanish speakers. In addition, students will be conversant on such topics as literature, arts, and history of Spain.

## IH Spanish 4

Grade 10-12
2 semesters
Credit: 1.0
Prerequisite: IH Spanish 3 or Placement Test
State Course Code: 06104A000
Proviso Course Code: WLA213055
This course refines student abilities to speak, read, and write in the Spanish language. By the end of IH Spanish 4, students are able to communicate comfortably in Spanish with both native and non-native Spanish speakers and be conversant on a variety of topics related to the arts in Spanish speaking countries.

PMSA World Language Course Progression SY23/24


PEMSA and PWMSA students will follow the East \& West World Language Course Progression for grades 9-12.


P Placement test can determine level

$A P=$ Advanced Placement $\quad I B=$ International Baccalaureate $\quad H=$ International Honors Proviso Township High Schoals District 209

## Core Values

- WELCOMING

We respect the strength of our diversity, and all have a sense of belonging

- EQUITY-FOCUSED

We actively work to remove barriers to educational access

- RESEARCH-BASED

We engage in practices demonstrated effective by research

- RELEVANT/INNOVATIVE

We prepare scholars to be locally and globally positioned

- RESULTS-DRIVEN

We measure what matters

## Guiding Principles

## EQUITY-FOCUSED

## EDUCATIONAL EXCELLENCE

EVERY SCHOLAR COLLEGE AND CAREER READY

"Pursuit Of Nathing But The Best"


[^0]:    ${ }^{1}$ The course descriptions are based on information from the individual subject descriptions available at http://www.ibo.org and from the IB DP Subject Guides.

[^1]:    ${ }^{2}$ CAS (Creativity, Activity, Service) and EE (Extended Essay) are IB Diploma Core Requirements that students must satisfy, but these requirements are not scheduled subjects during their school day.

[^2]:    \# Prerequisite courses must be completed with a passing grade.
    ${ }^{+}$This course satisfies Black History graduation requirement.

[^3]:    PEMSA and PWMSA students will follow the East \& West Art Course Progression for grades 9-12.

[^4]:    \# Prerequisite courses must be completed with a passing grade.

