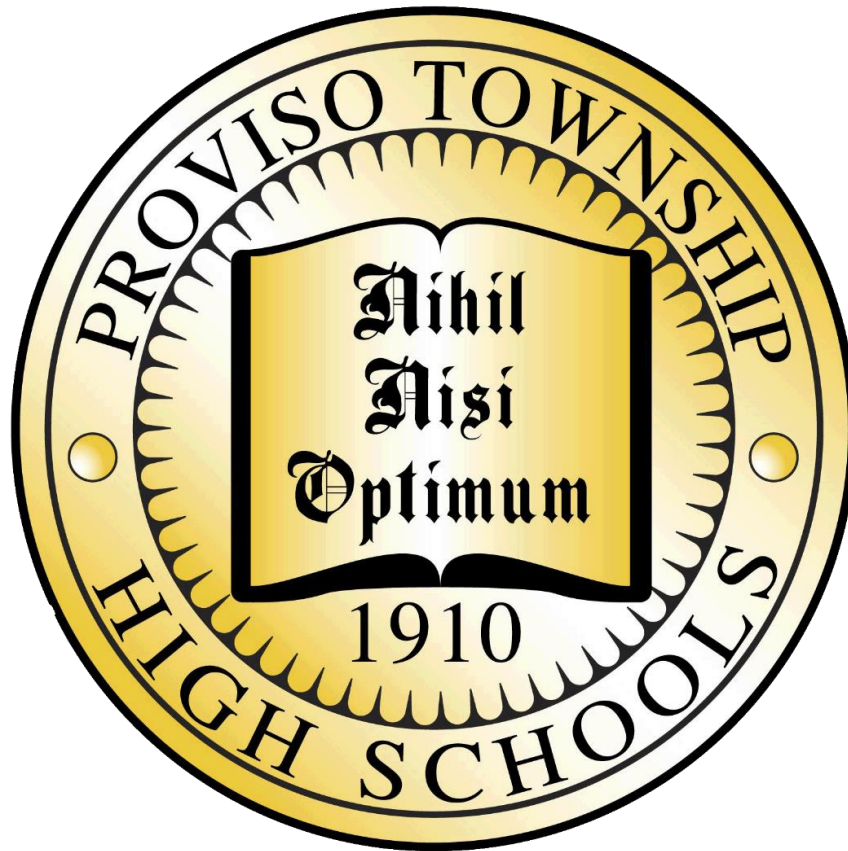


# CURRICULUM HANDBOOK 2022 - 2023



*"Pursuit Of Nothing But The Best"*

**PROVISO TOWNSHIP HIGH SCHOOLS  
DISTRICT 209**





## Proviso Township High School District 209 Board of Education



*"Pursuit Of Nothing But The Best"*

**EQUITY, EXCELLENCE, AND RELEVANCE FOR ALL**

# Proviso Township High Schools District 209



## **Proviso East High School**

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Maywood, IL 60152

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708-202-1611



## **Proviso West High School**

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**Dr. Albert Brass**, Principal  
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## **Proviso Mathematics & Science Academy**

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**Ms. Elizabeth Martinez**, Principal  
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## **Central Administration**

***Dr. James L. Henderson**, Superintendent of Schools*

***Dr. Sharon Williams**, Deputy Superintendent of Schools*

***Dr. Kevin W. Brown**, Deputy Superintendent of Educational Services*

***Mr. Dan Johnson**, Deputy Superintendent of Operations*

***Dr. John R. Chiles, IV, JD**, Executive Director of Human Resources*

***Dr. Bessie Karvelas**, District Administrator of Educational Services*

***Mr. Leonard Moody**, Director of Finance*

***Dr. Kathy Richard-Andrews**, Executive Director of Student Services and Equity*

***TBD**, Executive Director of Finance*

***TBD**, Director of Technology*

***Ms. Nicole Wilson**, Public and Community Relations Officer*

***Mr. Alexander S. Aschoff**, District Coordinator for Science and P.E./Wellness*

***Ms. Ramonda Fleming**, District Coordinator of Specialized Services and Family & Consumer Science*

***Dr. Deborah Hill**, District Coordinator for State and Federal Programs*

***Dr. Lisa D. Luna**, District Coordinator for Math and Technology/Engineering*

***Ms. Angela K. Marino**, District Coordinator for ELA and the Arts*

***Mr. Stephen Ngo**, District Coordinator for Social Studies and World Languages*

***Mr. Ernesto Saldivar, Jr.**, District Coordinator for English Learners (EL) and Business*

**EQUITY, EXCELLENCE, AND RELEVANCE FOR ALL**

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# **VISION**

**EQUITY, EXCELLENCE, AND REVELANCE FOR ALL**

## **MISSION**

**Pursuit of Nothing But the Best**

## **FIVE FOCUS AREAS**



**SYSTEMIC ALIGNMENT/CULTURE OF EXCELLENCE**



**ACADEMIC ACHIEVEMENT & STUDENT SUPPORT**



**TECHNOLOGY AND INNOVATION**



**TALENT DEVELOPMENT**



**FINANCIAL HEALTH & STRATEGIC RESOURCE ALLOCATION**

## 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<sup>th</sup> grade.
- Complete all minimum requirements for graduation as specified by Illinois State Board of Education rule, 23 Ill. 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

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 <i>English 1-4 or equivalents are required. Equivalents include AP English Language &amp; Composition, AP English Literature &amp; Composition, American Studies Honors, and English 1-4 Bridging.</i>	4
Mathematics <i>Integrated Math 1, Integrated Math 2, and Integrated Math 3 or equivalents are required.</i>	3
Science	3
Social Studies <i>US History, Black History and Civics are required. AP US Government meets the Civics requirement. African American History meets the Black History requirement. Students must also pass the Constitution Test.</i>	3
Physical Education and Wellness <i>Health Education is required.</i>	4
Consumer Education <i>This graduation requirement may be satisfied by several courses.</i>	0.5
World Languages, Fine Arts, Applied Sciences, and/or Technology <i>2 years of World Languages are recommended for college-bound, NCAA.</i>	1
Electives	3.5
<b>Total</b>	<b>22 credits</b>
Community Service	40 hours



**Proviso Mathematics and Science Academy (PMSA), Proviso East Mathematics and Science Academy (PEMSA), and Proviso West Mathematics and Science Academy (PWMSA)**

Twenty-five (25) credits are required for graduation from the Proviso Mathematics 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 <i>IH Survey of Literature and IH World Literature or equivalents are required.</i>	4	4
Mathematics <i>IH Integrated Math 1 and IH Integrated Math 2 or equivalents are required.</i>	5	5
Science	4	4
Social Studies <i>US History or its equivalent, Civics or its equivalent, and Black History are required. IH Global Studies or AP World History is required. Students must also pass the Constitution Test.</i>	3	3
Wellness <i>IH Health Education is required.</i>	4	4
World Languages <i>Of the same language is required.</i>	2	2
Fine Arts/Pre-Engineering/Research	2	2
Research	1	3.5 <i>(Includes successful completion of Research Mentorship)</i>
<b>Total</b>	<b>25 credits</b>	<b>27.5</b>
Community Service	40 hours	40 hours

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

## **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 six (6) courses per semester. A student who successfully completes a semester course shall be awarded  $\frac{1}{2}$  credit.

Students attending Proviso Mathematics & Science Academy (PMSA), Proviso East Mathematics & Science Academy (PEMSA), and Proviso West Mathematics & Science Academy (PWMSA) are assigned seven (7) courses per semester. A student who successfully completes a semester course shall be awarded  $\frac{1}{2}$  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 assignment and final grading scale are the same at each campus. For all Proviso students, the minimum grade that may be issued for any individual assignment shall be fifty (50) percent, or the equivalent of fifty percent based on the point value of the assignment (Policy 6:280). The district-wide grading scale is shown below.

Grading Scale for All							
%	Grade	%	Grade	%	Grade	%	Grade
100	A+	89	B+	79	C+	69	D+
99	A+	88	B+	78	C+	68	D+
98	A+	87	B+	77	C+	67	D+
97	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	B-	72	C-	62	D-
92	A-	81	B-	71	C-	61	D-
91	A-	80	B-	70	C-	60	D-
90	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                  D = 1.0                  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                  C = 3.5                  D = 1.5                  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.

A = 5.5                  B = 4.5                  C = 3.5                  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      B = 3.0 or 4.0      C = 2.0 or 3.0                  D = 1.0                  F = 0

#### **Category 7**

This category is exclusively for Life Skills courses as part of the Special Education department 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                  B = 3.0                  C = 2.0                  D = 1.0                  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                  B = 3.0                  C = 2.0                  D = 1.0                  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 1st 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<sup>th</sup> 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 15th of the senior 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)**

A student with a disability who has an Individualized Education Plan (IEP) prescribing special education, transition planning, transition services, or related services beyond the student's 4 years of high school, qualifies for a certificate of completion after the student has completed 4 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 children with disabilities 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: (1) 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

### International Baccalaureate® Programmes

The International Baccalaureate® (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 are eligible to earn an International Baccalaureate Diploma. The IB Diploma Programme takes place over the final two years of a student's high school career (11<sup>th</sup> and 12<sup>th</sup> grades). Students may enter the IB Diploma Programme at PMSA, PEMSA or PWMSA in the following way:

- Any sophomore student in good standing may opt to apply as a PMSA IB Diploma candidate (taking all IB Diploma courses and fulfilling IB Core Requirements) or as a PMSA IB Certificate course candidate (taking 1-3 IB Diploma courses and fulfilling IB core requirements).
- Informational meetings for students and parents are held each fall to explain the program and the application process.

The International Baccalaureate® (IB) Career-related Programme (CP) encourages personal, professional, and academic achievement. Through rigorous student-centered courses based in the IB educational philosophy, students develop international mindedness and personal and professional skills within a career-related field of study. Students participating in the IB Career-related Programme are eligible to earn an IB Career-related Certificate. The IB Career-related Programme takes place over the final two years of a student's high school career (11<sup>th</sup> and 12<sup>th</sup> grades). Students may enter the IB Career-related Programme at Proviso West High School\* in one of two ways:

- Any 10<sup>th</sup> grade student who successfully completes the Proviso West CP Preparatory Program during their 10<sup>th</sup> grade year may opt to register as an IB Career-related candidate (taking a minimum of two IB Diploma courses, fulfilling IB core requirements, and successfully completing the requirements of the Career-related field of study)
- Students in good standing may apply for the IB Career-related Programme during their 10<sup>th</sup> grade year.
- Informational meetings for students and parents will be held each fall to explain the program and the application process.

*\* Proviso West High School is a fully authorized IB school for the Career-related Programme. This school has completed authorization as an IB-CP World School. Proviso West and Proviso East are in the Candidate stage of the authorization process to become a Diploma Program as an IB World School. IB World Schools share a common philosophy, a commitment to high-quality, challenging, international education that is important for our students.*

*\* 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). Candidate status gives no guarantee that authorization will be granted.*

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

## Opportunities for College Credit and Career & Technical Education (CTE)

Students have the opportunity to earn college credit through several types of coursework. The benefits of earning college credit while still in high school include:

- Better preparedness for college
- Reduction of the number of college classes taken after high school graduation

### Advanced Placement (AP®)

Advanced Placement (AP®) 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 courses offered at Proviso contain “AP” in their titles. Students are expected to take the AP® exam. **Fee:** Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### 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® (IB)**

Students participating in the IB Diploma Programme or IB Career-related Programme are eligible to earn an International Baccalaureate Diploma or International Baccalaureate Career-related Certificate, respectively. The IB learner profile describes a broad range of human capacities and responsibilities that go beyond academic success. The IB Programmes take place over the final two years of a student's high school career (11<sup>th</sup> and 12<sup>th</sup> grades). Students who obtain high scores on the IB exams may be granted college credit from their selected colleges or universities. Students must apply for the IB Programmes.

### **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.

### **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 high-demand 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.

# **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 Proviso Township High Schools 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. Rather than providing a service just to students who need them, 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 children and families in the Proviso Township High School District. Student Service professionals specialize in supporting student needs.

WHO	SERVICE	EXAMPLES
SCHOOL COUNSELOR	<i>The counselors are student advocates. Each student will be assigned to a counselor. We provide individual and group academic counseling. Students' emotional needs can also be addressed. Students, parents, and guardians should use their counselor as their first point of contact for information. Parents are encouraged to contact their student's counselor with any questions or concerns.</i>	<ul style="list-style-type: none"><li>• Study skills and organization</li><li>• Personal development</li><li>• Standardized Assessments</li><li>• Academic and 4-year planning</li><li>• College credit opportunities (Dual-Credit, AP, etc.)</li><li>• Post-secondary options including college, career, and scholarship information</li></ul>
GRADE LEVEL PRINCIPALS	<i>Each student will be assigned a Grade Level Principal (GLP). Students will see the GLP for any school rule or code violation.</i>	<ul style="list-style-type: none"><li>• Dress Code</li><li>• Truancy</li><li>• Mediation</li></ul>

WHO	SERVICE	EXAMPLES
SOCIAL WORKER	<i>Students see a social worker if they are mandated through an IEP or 504 plan. Also, students see a social worker for issues outside of school.</i>	<ul style="list-style-type: none"> <li>• As assigned or needed</li> <li>• Support for emotional needs</li> </ul>
SCHOOL PSYCHOLOGIST	<i>A student will see a school psychologist if they need to complete academic or emotional assessments.</i>	<ul style="list-style-type: none"> <li>• Screening or testing</li> <li>• Support for emotional needs</li> </ul>

### **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.



Quest for Dominance



ENGAGE. PERSIST. ACHIEVE.

## 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Automotive Service		X	X	X	1.0	None
Automotive Mechanics - Comprehensive			X	X	2.0	Automotive Service (Double period)
Mastery of Metals - Manual Mill & Lathe		X	X	X	1.0	Introduction to Engineering Design
Mastery of Metals - CNC			X	X	1.0	Mastery of Metals - Manual Mill & Lathe

<sup>#</sup> 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: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

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.

### **Mastery of Metals - CNC**

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**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Introduction to Engineering Design

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 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Advanced Studio Art			X	X	1.0	At least 2 Art credits
Art Foundations	X	X	X	X	1.0	None
AP Drawing			X	X	1.0	Drawing & Painting
AP 2-D Art & Design			X	X	1.0	Drawing & Painting or Digital Imaging
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

<sup>#</sup> 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

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 2-D Art & Design**

Grade: 11-12

Length: 2 semesters

Credit: 1.0



Prerequisite: Drawing & Painting or Digital Imaging

State Course Code: 05174A000

Proviso Course Code: ART313174

Designed for students with a serious interest in art, the AP® 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® 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 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® 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® 3-D Art & Design evaluations require submission of artwork exemplifying talent in ceramics or 3-D design. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Drawing**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Drawing & Painting

State Course Code: 05172A000

Proviso Course Code: ART313172

Designed for students with a serious interest in art, the AP® 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 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® 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.

### **Art Foundations**

Grade: 9-12

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. Art Foundations covers the language, materials, processes and the design elements and principles supporting a work of art. As students advance and become more adept, instruction regarding the creative process

becomes more refined, and students are encouraged to develop their own artistic styles. 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 computer-generated 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.

## 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	9	10	11	12	Credit	Prerequisite #
Consumer Education	X	X	X	X	0.5	None
Digital Literacy & Software Applications	X	X	X		1.0	None
Web Design & Media Development 1		X	X	X	1.0	Any introductory level Computer Technology course
Web Design & Media Development 2			X	X	1.0	Web Design & Media Development 1
Business Communications		X	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 Marketing				X	0.5	Introductory level Business course
Engineering & Technology - Workplace Experience				X	1.0	Any sequence of two Business courses
IB Personal & Professional Skills 1 (West only)			X		1.0	Application to the IB Career-related Programme
IB Personal & Professional 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. This course includes planned learning experiences that develop initial and 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 computer applications should be integrated throughout the course where applicable. The course stresses fundamentals and terminology of accounting,

**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: 10-12

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: 9-12

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.

### **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. Students will develop awareness and understanding of software and equipment used by employees to perform tasks in business, marketing, and management. Topics include the following: appropriate and responsible use of technology, computer basics, understanding and navigating the web, security, privacy, collaboration, evaluating content, legal issues, 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 providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education 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 Personal and Professional Skills courses are linked to students' career-related studies and may include work-based experiences.

### **IB Personal & Professional Skills 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 Personal and Professional Skills courses are linked to students' career-related 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.



## 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	9	10	11	12	1.0	Prerequisite <sup>#</sup>
Emerging Technology	X	X	X	X	1.0	None
Introduction to Engineering Design	X	X	X	X	1.0	Integrated Math 1 (can be taken concurrently) or Algebra
Introduction to Engineering Design (PLTW)	X	X	X	X	1.0	Integrated Math 1 (can be taken concurrently) or Algebra
Principles of Engineering (PLTW)	X	X	X	X	1.0	Integrated Math 1 (can be taken concurrently) or Introduction to Engineering Design
Engineering Design & Development (PLTW)				X	1.0	Introduction to Engineering Design, Principles of Engineering, or Computer Integrated Manufacturing
Advanced Concepts in Computer Science			X	X	1.0	AP Computer Science Principles or AP Computer Science A
Aerospace Engineering (PLTW)			X	X	1.0	None
Computer Integrated Manufacturing (PLTW)			X	X	1.0	Introduction to Engineering Design or Principles of Engineering

<sup>#</sup> 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.

### **Emerging Technology**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 21052A001

Proviso Course Code: NGI113053

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.

### **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: 9-12

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.

## 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, and Bridging.**

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
English 1 Honors	X				1.0	None (Students 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 placed based on ACCESS/WIDA Screener scores)
English 1 EL	X				1.0	None (English Learners 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 <sup>^</sup>	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 in both literacy and composite
American Studies Honors <sup>+</sup>			X		2.0	English 2 Honors and World Civilizations Honors or Teacher Recommendation
AP English Language & Composition			X	X	1.0	2 years of English or Administrator Approval
AP English Literature & Composition				X	1.0	3 English credits and/or Administrator Approval
Composition*				X	0.5	English 3 or equivalent / Elective credit only
Contemporary Literature*				X	1.0	English 3 or equivalent / Elective credit only
Film as Humanities*		X	X	X	0.5	English 1 or equivalent / Elective credit only

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Journalism*		X	X	X	0.5	English 1 or equivalent / Elective credit only
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 / Elective credit only
Public Speaking <sup>###</sup>		X	X	X	0.5	English 1 or equivalent / Elective credit only
Reading 1*	X				1.0	Placement by Assessment Measures / Elective credit only
Reading 2*		X			1.0	Placement by Assessment Measures / Elective credit only
Strategic Reading*	X	X	X	X	1.0	Placement Test Score / Elective credit only

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>##</sup> 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 / Elective credit only

<sup>+</sup> Includes 1.0 Social Studies credit (double period)

<sup>^</sup> New to the country / Elective credit only

### Course Descriptions (in alphabetical order)

#### American Studies Honors

Grade: 11

Length: 2 semesters (double period)

Credit: 2.0 (1.0 English, 1.0 Social Studies)

Prerequisite: English 2 Honors and World Civilizations Honors, or Teacher Recommendation

State Course Code: 04349A000

Proviso Course Code: ENG211301

This yearlong course meets two consecutive periods each day, allowing juniors to earn credit for English 3 Honors and US History Honors by emphasizing student inquiry into the cultural, political, economic, social, and intellectual history of the United States. Students participate in extensive discussion, writing, analytical reading, and self-determined projects to prepare them for later academic work. The required examination on the American government is included in the first semester. Students are also required to complete a yearlong community service/action project in which they research an issue within their community, create a solution, and present the solution to the community for consideration. 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 Screener).

#### AP 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

In AP<sup>®</sup> 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<sup>®</sup> examination which offers college credit if they score a specific level on the AP<sup>®</sup> 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<sup>®</sup> exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

**AP English Literature & Composition**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: 3 English credits and/or Administrator Approval

State Course Code: 01006A000

Proviso Course Code: ENG312006

In AP® 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 fast-paced 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 AP® 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 AP® exam. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

**Composition**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: English 3 or equivalent / Must be taken in concurrence with English 4 or equivalent / Elective credit only

State Course Code: 01103A000

Proviso Course Code: ENG612103

This is a one-semester course in creative writing which includes poetry as well as traditional expository, narrative, and argumentative texts. This course fosters individual expression, encourages joy in writing, and demands analysis and editing of the writing product. Additionally, students have the opportunity to examine the craft, the art, and the product of successful contemporary writers.

**Contemporary Literature**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: English 3 or equivalent / Must be taken in concurrence with English 4 or equivalent / Elective credit only

State Course Code: 01062A000

Proviso Course Code: ENG612062

Contemporary Literature is designed to improve students' literacy and critical thinking skills, focusing on contemporary literature in a variety of genres including lyric poetry, young adult fiction, cultural studies, modern drama, and modern short stories and novels. Students determine the underlying assumptions and values within the selected works, reflect upon the influence of societal events and social attitudes, and compare the points of view of various authors. Oral discussion is an integral part of this course as well as written compositions.

**EL Foundations**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: New to the country. Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1-1.9 in both literacy and composite (Elective credit only)

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 scores of 3.5-4.7 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG809013

English 1 Bridging is a 9<sup>th</sup> 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 scores of 1-3.4 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG809001

English 1 EL is a 9<sup>th</sup> 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 English 1 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 multi-paragraph 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 scores of 3.5-4.7 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG810014

English 2 Bridging is a 10<sup>th</sup> 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 scores of 1-3.4 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG810002

English 2 EL is a 10<sup>th</sup> 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 EL 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<sup>th</sup> Century, the early 19<sup>th</sup> Century, early 20<sup>th</sup> Century, and the latter part of the 20<sup>th</sup> 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<sup>th</sup> Century, the early 19<sup>th</sup> Century, early 20<sup>th</sup> Century, and the latter part of the 20<sup>th</sup> 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<sup>th</sup> Century, the early 19<sup>th</sup> Century, early 20<sup>th</sup> Century, and the latter part of the 20<sup>th</sup> 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 scores of 3.5-4.7 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG811015

English 3 Bridging is an 11<sup>th</sup> 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 EL 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 scores of 1-3.4 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG811003

English 3 EL is an 11<sup>th</sup> 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 EL-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 in-depth 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 scores of 3.5-4.7 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG812016

English 4 Bridging is a 12<sup>th</sup> 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 scores of 1-3.4 in both literacy and composite)

State Course Code: 01008A000

Proviso Course Code: ENG812004

English 4 EL is a 12<sup>th</sup> 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: 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: 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.

#### **Journalism**

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: 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: 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: 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 <sup>#</sup>
English	Learning 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 in both literacy and 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 in both literacy and 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 3.5-4.7 in both literacy and 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 3.5-4.7 in both literacy and 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 3.5-4.7 in both literacy and composite)
English	English 1 EL	X				1.0	None (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1-3.4 in both literacy and 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 1-3.4 in both literacy and 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 1-3.4 in both literacy and 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 1-3.4 in both literacy and composite)
English	Strategic 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

Content Area	Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Mathematics	Integrated Math 2 EL	X	X			1.0	Integrated Math 1 EL or Algebra 1
Mathematics	Integrated Math 3 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 Science	World Civilizations EL	X	X			1.0	None
Social Science	Black History EL		X	X	X	0.5	World Civilizations EL or equivalent
Social Science	US History EL		X	X		1.0	World Civilizations EL or equivalent
Social Science	Civics EL			X	X	0.5	World Civilizations EL or equivalent
Social Science	World Geography EL		X	X		0.5	World Civilizations EL or equivalent

# Prerequisite courses must be completed with a passing grade.

\* New to the country / Elective 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 <sup>#</sup>
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	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	X	1.0	None
Human Development	Foundations of Education		X	X	X	1.0	None
Human Development	Foundations of Education (Dual Credit) <sup>##</sup>		X	X	X	1.0	None
Human Development	Foundations of Teaching (Dual Credit) <sup>##</sup>			X	X	1.0	Foundations of Education (Dual Credit)
Human Development	Early Childhood Education 1 (Dual Credit) <sup>##</sup>			X	X	1.0	Child Development
Human Development	Human Development & Wellness (Dual Credit) <sup>##</sup>			X	X	1.0	None
Human Development	Early Childhood Education 2 (Dual Credit) <sup>##</sup>				X	1.0	Early Childhood Education 1 (Dual Credit)
Human Development	Teaching Methodology			X	X	0.5	Foundations of Education
Human Development	FCS Cooperative Work Program				X	2.0	Any sequence of two courses in FCS with Early Childhood focus
Human Development	Coop/Work Experience			X	X	2.0	Any sequence of two courses in CTE

Content Area	Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Human Development	Coop/Work Experience (Dual Credit) <sup>##</sup>			X	X	2.0	Any sequence of two courses in CTE
Textiles	Textiles & Design 1 and 2	X	X	X		1.0	None
Textiles	Textiles & Design Occupations			X	X	1.0	Textiles & Design 1 and 2

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>##</sup> 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: 10-12

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 throughout the course.

### **Coop/Work Experience**

Grade: 11-12

Length: 2 semesters

Credit: 2.0

Prerequisite: Any sequence of two courses in CTE

State Course Code: 22998A000

Proviso Course Code: FCS113198

This course provides students with work experience in fields related to education. Goals are typically set cooperatively by the student, teacher, and employer although students are not necessarily paid. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

### **Coop/Work Experience (Dual Credit)**

Grade: 11-12

Length: 2 semesters

Credit: 2.0

Prerequisite: Any sequence of two courses in CTE

State Course Code: 22998A000

Proviso Course Code: FCS513198

This capstone dual credit course is 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 providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education 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.

### **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)

### **FCS Cooperative Work Program**

Grade: 12

Length: 2 semesters



Credit: 2.0

Prerequisite: Any sequence of two courses in FCS with Early Childhood focus

State Course Code: 22153A002

Proviso Course Code: FCS112001

This course is designed for students interested in pursuing careers in occupations in the field family and consumer sciences. Classroom instruction focuses on providing students with workplace skills, post-secondary education opportunities related to the job/career pathway, developing, and maintaining positive workplace relationships, planning for the future, legal protection and responsibility, professional organizations, and advancing skills related to the job. Classroom and worksite instruction is based on duties of FCS (Family and Consumer Science) occupations. Students are released from school for their paid cooperative education work experience, participate in 200 minutes per week or related classroom instruction, and supervised on-the-by a qualified instructor ½ hour or more per week per student. A qualified, certified FCS instructor 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.

### **Foundations of Education**

Grade: 10-12

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. More broadly, the skills from good teaching (being an articulate and confident speaker, a careful listener, an inspiring mentor, a good communicator, and team player) are useful skills that apply to other aspects of a student's professional and personal life. 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: 10-12

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 is incorporated throughout the course.

### **Nutrition & Culinary Arts**

Grade: 10-12

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: 11-12

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.

## MATH

**3 credits are required which must include Integrated Math 1 and 2 (or Algebra and Geometry prior to 2019-2020)**

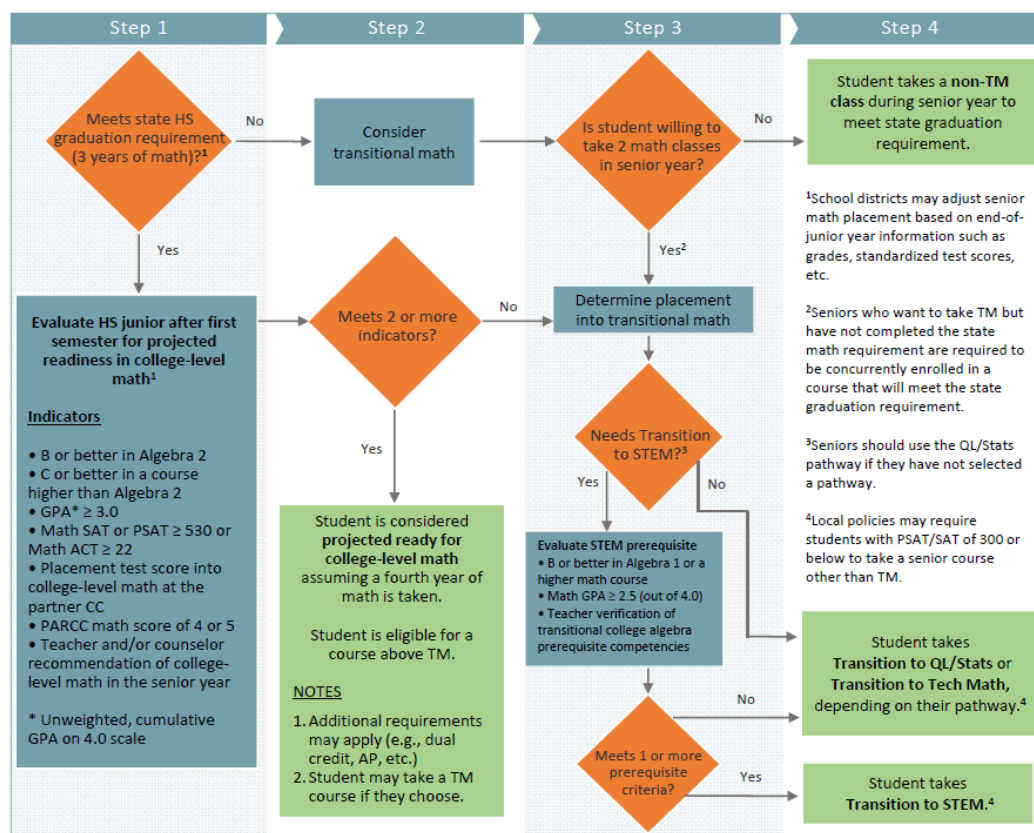
Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Integrated Math 1 Honors	X				1.0	None
Integrated Math 1	X				1.0	None
Integrated Math 1 Instructional	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
Integrated Math 1 EL	X				1.0	Placement by the Department of English Learners
Integrated Math 2 Honors		X			1.0	Integrated Math 1 Honors, Algebra 1 Honors, or Departmental Recommendation
Integrated Math 2		X			1.0	Integrated Math 1 or Algebra 1
Integrated Math 2 Instructional		X			1.0	Integrated Math 1 Instructional or Algebra 1
Integrated Math 2 EL		X			1.0	Integrated Math 1 EL or Algebra 1
Integrated Math 3 Honors			X		1.0	Integrated Math 2 Honors or Geometry Honors
Integrated Math 3			X		1.0	Integrated Math 2 or Geometry
Integrated Math 3 Instructional			X		1.0	Integrated Math 2 Instructional or Geometry
Integrated Math 3 EL			X		1.0	Integrated Math 2 EL or Geometry
Pre-Calculus Honors			X	X	1.0	Integrated Math 3 Honors or Algebra 2 Honors
Business Math				X	0.5	Integrated Math 2 or Geometry
Consumer Math				X	0.5	Administrator Approval only
AP Statistics			X	X	1.0	Integrated Math 3 or Algebra 2
AP Computer Science Principles	X	X	X	X	1.0	Algebra 1, Integrated Math 1, or Administrator Approval
AP Computer Science A			X	X	1.0	Integrated Math 3 or Computer Science Principles
AP Calculus AB			X	X	1.0	Integrated Math 3, Algebra 2, Pre-Calculus Honors, or Administrator Approval
Computer Concepts & Software Applications			X	X	1.0	None
Probability & Statistics			X	X	1.0	Integrated Math 3 (can be taken concurrently) or Algebra 2
Probability & Statistics (Dual Credit) <sup>##</sup>			X	X	1.0	Integrated Math 3 (can be taken concurrently) or Algebra 2
Technical Math (CTE) TM003 <sup>+</sup>				X	1.0	3 years of Math and Administrator Approval - See Decision Chart for Senior Level Math
Quantitative Literacy & Statistics TM002 <sup>+</sup>				X	1.0	3 years of Math and Administrator Approval - See Decision Chart for Senior Level Math
Science, Technology, Engineering, & Math (STEM) TM001				X	1.0	3 years of Math and Administrator Approval - See Decision Chart for Senior Level Math
College Algebra Math 110 (Dual Credit) <sup>##</sup>			X	X	1.0	Pre-Calculus or Higher or Administrator Approval

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>+</sup> These courses satisfy PWR Act Transitional Math requirements and cannot be used to satisfy state graduation requirements

<sup>##</sup> These courses may be eligible for Dual Credit.

## Decision Chart for Senior Level Transitional Math



## Course Descriptions (in alphabetical order)

### AP 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, AP<sup>®</sup> Calculus AB 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-of-change problems); and integral calculus (including antiderivatives and the definite integral). All students are required to take the AP<sup>®</sup> Calculus test. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### AP 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

AP® Computer Science A 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® Computer Science A test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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

AP® Computer Science Principles 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® Computer Principles test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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® 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® Statistics test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **Business Math**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: Integrated Math 2 or Geometry

State Course Code: 02154A000

Proviso Course Code: MAT112154

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

This course introduces students to the areas of cybersecurity and gaming. This course reviews the evolution of technology in each area. Students then develop introductory technologies for each topic. At this juncture, students select an area to study for further design such as developing applications and building appropriate systems to explore future applications. Cybersecurity lays a foundation of understanding cyber law and policy. Linux, networking technology basics, risk assessment, cryptography, and a variety of cybersecurity tools are explored. 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.

**Consumer Math**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: Administrator Approval only

State Course Code: 02157A000

Proviso Course Code: MAT112157

Consumer Math reinforces general math topics such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics as students apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

**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

Integrated Math 1 Instructional 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 1 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 two-dimensional 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 occurs in the native language English, but English language support may be used to clarify concepts if needed.

### **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

Integrated Math 2 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

Integrated Math 2 Instructional 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

Integrated Math 2 EL 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

Integrated Math 3 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

Integrated Math 3 Instructional 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

Integrated Math 3 EL 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 college-level 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.

## Music

*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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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

<sup>#</sup> 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.

## 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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

<sup>#</sup> 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 (Accuplacer, SAT, or ACT completed with recorded math score - no minimum score)

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.

## RESEARCH AND THEORETICAL STUDIES

*These courses can be taken for elective credit only.*

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
AP Seminar*			X	X	1.0	At least 2 English credits (Elective credit only)
AP Research*				X	1.0	AP Seminar (Elective credit only)

<sup>#</sup> 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)

#### 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 AP<sup>®</sup> 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<sup>®</sup> Research course per the College Board. There is no end-of-course exam for this course. This course qualifies students for the AP<sup>®</sup> Capstone when combined with qualifying scores from 3 other AP<sup>®</sup> courses.

#### AP Seminar

Grade: 11-12

Length: 2 semesters

Credit: 1.0 (Elective credit only)

Prerequisite: At least 2 English credits / Must be taken concurrently with a required English course

State Course Code: 22107A000

Proviso Course Code: RTS313110

AP<sup>®</sup> 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.

## SCIENCE

**3 credits are required.**

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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	X	X	X	1.0	None
Chemistry Honors		X			1.0	Biology Honors and Teacher Recommendation
Chemistry		X			1.0	Biology or equivalent
Chemistry Instructional		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 <sup>^</sup>			X	X	1.0	Biology, Chemistry, and Teacher Recommendation
AP Chemistry <sup>^</sup>			X	X	1.0	Biology, Chemistry, and Teacher Recommendation
AP Environmental Science <sup>^</sup>			X	X	1.0	Biology, Chemistry, and Teacher Recommendation
AP Physics <sup>^</sup>			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
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

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>^</sup> 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 Biology**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology, Chemistry, and Teacher Recommendation

State Course Code: 03056A000

Proviso Course Code: SCI313056

AP<sup>®</sup> 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Chemistry**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology, Chemistry, and Teacher Recommendation

State Course Code: 03106A000

Proviso Course Code: SCI313106

AP<sup>®</sup> 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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

AP<sup>®</sup> 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Physics**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Physics and Math Teacher Recommendations

State Course Code: 03156A000

Proviso Course Code: SCI313165

AP<sup>®</sup> 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 AP Physics B courses and requires the use of calculus to solve the problems posed. Fee: Cost of the AP<sup>®</sup> 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

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

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 pre-professionals. 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.

### **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.

## SOCIAL SCIENCE

**3 credits are required. US History, Black History, and 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 <sup>#</sup>
African American History <sup>+</sup>				X	0.5	World Civilizations
African and African American Thought (Dual Credit) <sup>+</sup>				X	0.5	US History
American Studies Honors			X		2.0	English 2 Honors and World Civilizations Honors, or Teacher Recommendation
AP European History				X	1.0	US History and Teacher Recommendation
AP Human Geography	X				1.0	Placement Test or Teacher Recommendation
AP Psychology				X	1.0	Psychology and Teacher Recommendation
AP US Government & Politics				X	1.0	US History and Teacher Recommendation
AP US History				X	1.0	US History and Teacher Recommendation
AP World History		X			1.0	Placement Test or Teacher Recommendation
World Civilizations Honors	X				1.0	Placement Test or Teacher Recommendation
Black History 365 <sup>+</sup>		X			0.5	World Civilizations
Black History 365 Instructional <sup>+</sup>		X			0.5	World Civilizations Instructional
Black History 365 EL <sup>+</sup>		X			0.5	World Civilizations EL
Civics Honors				X	0.5	US History
Civics				X	0.5	US History
Civics Instructional				X	0.5	US History Instructional
Civics EL				X	0.5	US History EL
Issues in America			X	X	1.0	World Civilizations
Law & Society		X			0.5	World Civilizations
Latin American History		X		X	0.5	World Civilizations
Psychology			X	X	0.5	World Civilizations
Sociology				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			0.5	World Civilizations Honors
World Geography		X			0.5	World Civilizations
World Geography EL		X	X		0.5	World Civilizations EL

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>+</sup> This course satisfies Black History graduation requirement.

## Course Descriptions (in alphabetical order)

### **African and African American Thought (Dual Credit)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History

State Course Code: 04062A000

Proviso Course Code: SOC512260

This dual credit course provides students with a philosophical investigation of African and African American thought studied in the context of intellectual and cultural history of sub-Saharan Africa.

### **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.

### **American Studies Honors**

Grade: 11

Length: 2 semesters (double period)

Credit: 2.0 (1.0 in Social Science, 1.0 in English)

Prerequisite: English 2 Honors and World Civilizations Honors, or Teacher Recommendation

State Course Code: 04301A000

Proviso Course Code: SOC211301

This yearlong course meets two consecutive periods each day, allowing juniors to earn credit for English 3 Honors and US History Honors by emphasizing student inquiry into the cultural, political, economic, social, and intellectual history of the United States. Students participate in extensive discussion, writing, analytical reading, and self-determined projects to prepare them for later academic work. The required examination on the American government is included in the first semester. Students are also required to complete a yearlong community service/action project in which they research an issue within their community, create a solution, and present the solution to the community for consideration.

### **AP 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® European History examines European civilization from the High Renaissance period to the recent past and exposes students to the factual narrative. In addition, this course helps students develop an understanding of some

of the principal themes in modern European history and the ability 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 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 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 methods and tools geographers use in their research and applications. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Psychology**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Psychology and Teacher Recommendation

State Course Code: 04256A000

Proviso Course Code: SOC312256

The AP® 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 AP® Exam. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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® 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. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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® 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® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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, AP® 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® World History highlights the nature of changes in an international context and explores their causes and continuity. Fee: Cost of the AP® 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: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History

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 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 and covers content with more depth and at a faster pace than Civics.

**Civics**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History

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 satisfies a graduation requirement.

**Civics Instructional**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History 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 satisfies a graduation requirement.

### **Civics EL**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History 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.

### **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<sup>th</sup> Century to the present.

### **Latin American History**

Grade: 10, 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: 10

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 charts 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 charts 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: 10

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: 10

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.

## **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 <sup>#</sup>
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 <sup>^</sup>	X	X	X	X	1.0	Alignment to IEP and ACCESS/WIDA Screener Placement/Elective credit only
Strategic Reading <sup>^</sup>	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	Integrated Math 1 Instructional or Algebra 1
Integrated Math 3 Instructional			X		1.0	Integrated Math 2 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 <sup>+</sup>		X			0.5	World Civilizations Instructional or equivalent
US History Instructional			X		1.0	World Civilizations 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 1 (Freshman)*	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
English 2 (Sophomore)*		X			1.0	English 1 (Freshman) or equivalent
English 3 (Junior)*			X		1.0	English 2 (Sophomore) or equivalent
English 4 (Senior)*				X	1.0	English 3 (Junior) or equivalent
Integrated Math 1 (Freshman)*	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
Integrated Math 2 (Sophomore)*		X			1.0	Integrated Math 1 or equivalent
Integrated Math 3 (Junior)*			X		1.0	Integrated Math 2 or equivalent
Biology (Freshman)*	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
Chemistry (Sophomore/Junior)*		X	X		1.0	Biology (Freshman) or equivalent

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Earth Science (Sophomore/Junior)*		X	X		1.0	Biology (Freshman) or equivalent
Physics (Junior/Senior)*			X	X	1.0	Chemistry (Sophomore/Junior) or Earth Science (Sophomore/Junior) or equivalent
World Civilizations (Freshman)*	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
Black History 365* (Sophomore)*		X			1.0	World Civilization (Freshman) or equivalent
World Geography (Sophomore)*		X			1.0	World Civilization (Freshman) or equivalent
Law & Society (Sophomore)*		X			1.0	World Civilization (Freshman) or equivalent
US History (Junior)*			X		1.0	Black History 365 (Sophomore) and Civics (Sophomore) or equivalent
Adaptive PE 1 (Freshman)*	X				1.0	None
Adaptive PE 2 (Sophomore)*		X			1.0	Adaptive PE 1 (Freshman) or equivalent
Adaptive PE 3 (Junior)*			X		1.0	Adaptive PE 2 (Sophomore) or equivalent
Adaptive PE 4 (Senior)*				X	1.0	Adaptive PE 3 (Junior) or equivalent
Consumer Education (Senior)				X	0.5	None
Health Education*			X	X	0.5	None (Diverse Learners will be placed based upon alignment to their IEP.)
Driver's Education – Classroom Only*			X	X	0.5	None (Diverse Learners will be placed based 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

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>\*</sup> This course satisfies the Black History graduation requirement.

<sup>\*</sup> This course is exclusively for the Life Skills Program.

<sup>\*\*</sup> Transitional EL students will be placed by Test Score or Teacher Recommendation.

<sup>^</sup> 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.*

**Life Skills Course Descriptions (sequentially by department)****BUSINESS COURSES****Consumer Education (Senior)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: None

State Course Code: 22210A000

Proviso Course Code: LIF712262

This course 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.

**ENGLISH COURSES****English 1 (Freshman)**

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: LIF709001

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 1 (Freshman) 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 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 2 (Sophomore)**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: English 1 (Freshman) or equivalent

State Course Code: 01002A000

Proviso Course Code: LIF710002

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 2 (Sophomore) is a full-year course that employs a thematic approach to literature including contemporary and traditional novels. Through the study of various literary genres, 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 is part of the Life Skills program. Content will be modified to the students' instructional level.

### **English 3 (Junior)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: English 2 (Sophomore) or equivalent

State Course Code: 01003A000

Proviso Course Code: LIF711003

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 3 (Junior) 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, 18<sup>th</sup> Century, early 19<sup>th</sup> Century, early 20<sup>th</sup> Century, and the latter part of the 20<sup>th</sup> 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. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **English 4 (Senior)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: English 3 (Junior) or equivalent

State Course Code: 01004A000

Proviso Course Code: LIF712004

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 4 (Senior) is 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 is part of the Life Skills program. Content will be modified to the students' instructional level.

## **MATH COURSES**

### **Integrated Math 1 (Freshman)**

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: LIF709062

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 1 (Freshman) 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. 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.

### **Integrated Math 2 (Sophomore)**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1 (Freshman) or equivalent

State Course Code: 02063A000

Proviso Course Code: LIF710063

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 2 (Sophomore) 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. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Integrated Math 3 (Junior)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2 (Sophomore) or equivalent

State Course Code: 02064A000

Proviso Course Code: LIF710064

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Integrated Math 3 (Junior) completes the three-course sequence of Integrated Math and is designed to further explore the principles introduced in Integrated Math 1 and 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. 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**

### **Biology (Freshman)**

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: LIF709051

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Biology (Freshman) 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 is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Earth Science (Sophomore)**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology (Freshman) or equivalent

State Course Code: 03001A000

Proviso Course Code: LIF713001

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Earth Science (Sophomore) 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.

### **Chemistry (Sophomore/Junior)**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology (Freshman) or equivalent

State Course Code: 03101A000

Proviso Course Code: LIF710101

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Chemistry (Sophomore/Junior) 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 is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Physics (Junior/Senior)**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology (Freshman) or equivalent

State Course Code: 03151A000

Proviso Course Code: LIF711151

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Physics (Junior/Senior) 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**

### **World Civilizations (Freshman)**

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: LIF709052

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. World Civilizations (Freshman) 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. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Black History 365 (Sophomore)**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations (Freshman)

State Course Code: 04107A000

Proviso Course Code: LIF710107

This semester 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 serve as a gateway to connecting history to daily life, engaging students of all ethnicities in an inclusive account of American history. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **World Geography (Sophomore)**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations (Freshman)

State Course Code: 04001A000

Proviso Course Code: LIF710001

In this semester 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. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Law & Society (Sophomore)**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations (Freshman)

State Course Code: 04163A000

Proviso Course Code: LIF710165

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. Students learn the differences between tort and criminal law and are introduced to constitutional and civil law. A variety of different formats are used to explain their viewpoint on issues through argumentative literacy, moot court and DBQ projects. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **US History (Junior)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Black History (Sophomore)

State Course Code: 04101A000

Proviso Course Code: LIF711101

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. US History (Juniors) 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 charts as historical evidence. The curriculum is designed to prepare students for later academic work by emphasizing analytical and discussion skills development. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Civics (Senior)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: US History (Junior)

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 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 1 (Freshman)**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 08001A000

Proviso Course Code: LIF709005

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.

### **Adaptive PE 2 (Sophomore)**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Adaptive PE 1 (Freshman) or equivalent

State Course Code: 08001A000

Proviso Course Code: LIF710006

This is a full year 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. Students improve their fitness levels through the application of personal fitness strategies. They continue their basic skill development in aquatics with a focus on stroke development, deep water swimming, and underwater swimming.

### **Adaptive PE 3 (Junior)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Adaptive PE 2 (Sophomore) or equivalent

State Course Code: 08001A000

Proviso Course Code: LIF711007

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.

### **Adaptive PE 4 (Senior)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Adaptive PE 3 (Junior) or equivalent

State Course Code: 08001A000

Proviso Course Code: LIF712008

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.

### **Health Education**

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 Only**

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

*These courses can be taken for elective credit only.*

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Theatre*	X	X	X	X	1.0	None (Elective credit only)

<sup>#</sup> 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)

#### 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

**4 credits are required. Health is required.**

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Freshman Physical Education	X				0.5	None
Modified Physical Education	X	X	X	X	0.5	Medically required/Alignment to IEP
Health Education	X	X	X	X	0.5	None
Health Education Instructional	X	X			0.5	Alignment to IEP
Sophomore Physical 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 Classroom		X			0.5	Must have at least 6 credits at the start of year 2 in high school, 80% attendance rate during previous school year, and Freshman Physical Education or equivalent
Driver's Education: In the Classroom Instructional		X			0.5	Alignment to IEP
Driver's Education: Behind the Wheel		X			0.5	15 years of age, Driver's Education: In the Classroom, and Driving Permit
Introduction to Aquatics		X	X	X	1.0	Passing grade in previous semester of PE
Junior/Senior Physical Education			X	X	0.5	Sophomore Physical Education or equivalent
Lifetime Fitness			X	X	0.5	Freshman and Sophomore Physical Education or equivalents
PE Activities			X	X	0.5	Freshman and Sophomore Physical Education or equivalents
PE Leaders			X		1.0	Sophomore Physical Education with an A or B, Teacher Recommendation, and Application
Senior Leaders				X	1.0	PE Leaders
PE 106 (Dual Credit) <sup>##</sup>				X	0.5	Consent of Instructor

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>##</sup> 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

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

Length: 1 semester

Credit: 0.5

Prerequisite: Must have at least 6 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.

### **Driver's Education: In the Classroom Instructional**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: Alignment to IEP

State Course Code: 08151A000

Proviso Course Code: WEL710151

Driver's Education: In the Classroom Instructional 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.

### **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.

### **Health Education Instructional**

Grade: 9-10

Length: 1 semester

Credit: 0.5

Prerequisite: Alignment to IEP

State Course Code: 08051A000

Proviso Course Code: WEL713051

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. The courses may also include brief studies of environmental health, personal development, and/or community resources.

### **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.

**PE 106 (Dual Credit)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: Consent of Instructor

State Course Code: 08009A000

Proviso Course Code: WEL512203

This is a one-semester dual credit class that emphasizes the safe, effective, and efficient use of strength and cardio exercise equipment to improve cardio-respiratory fitness, body composition, physical strength, and flexibility.

**Senior Leaders**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: PE Leaders

State Course Code: 08049A000

Proviso Course Code: WEL112202

Students who successfully complete the PE Leaders course are enrolled as a Senior Leader the following year. Students enrolled in this course utilize their leadership qualities by assisting a Physical Education teacher in a freshman or sophomore PE class. Responsibilities include leading warm-up activities, officiating game play, helping students with skill development, and being a positive role model to younger students.

**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.

## WORLD LANGUAGES

***Students who are taking a world language course for the first time are strongly encouraged 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 <sup>#</sup>
French 1	X	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
Spanish 1	X	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 or Spanish 3 Literature & Culture or Teacher Recommendation
AP Spanish Literature & Culture				X	1.0	Spanish 4 or Spanish 3 Literature & Culture and AP Spanish Language & Culture or Teacher Recommendation

<sup>#</sup>*Prerequisite courses must be completed with a passing grade.*

### Course Descriptions (in alphabetical order by language)

#### FRENCH

##### French 1

Grade: 9-12

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.

## **SPANISH**

### **AP Spanish Language & Culture**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 4 or 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, AP® 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 AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Spanish Literature & Culture**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 4 or Spanish 3 Literature & Culture and AP Spanish Language & Culture or Teacher

Recommendation

State Course Code: 06113A000

Proviso Course Code: WLA313065

AP® 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 college-level. 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.

### **Spanish 1**

Grade: 9-12

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

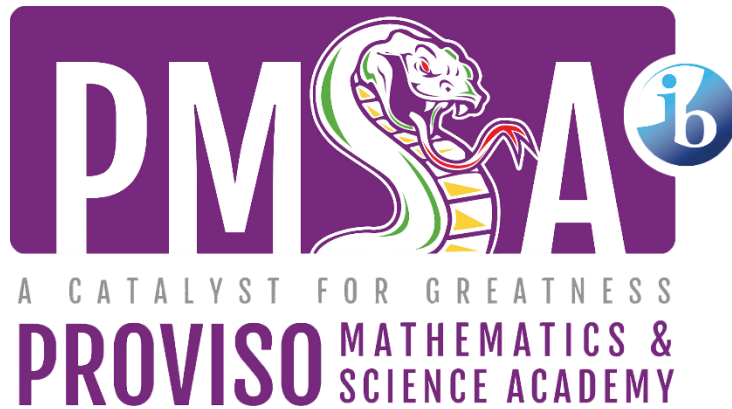
Credit: 1.0

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.



**PROVISO MATHEMATICS AND SCIENCE ACADEMY**

**PROVISO EAST MATHEMATICS AND SCIENCE ACADEMY**

**PROVISO WEST MATHEMATICS AND SCIENCE ACADEMY**

# **COURSE DESCRIPTIONS FOR PMSA, PEMSA, PWMSA**

## MATHEMATICS AND SCIENCE ACADEMY PROGRAMS

*ALL COURSES AT PMSA, PEMSA, and PWMSA ARE CLASSIFIED AS HONORS, DUAL CREDIT, INTERNATIONAL HONORS (IH), INTERNATIONAL BACCALAUREATE (IB), OR ADVANCED PLACEMENT (AP) WITH THE EXCEPTION OF CREDIT RECOVERY COURSES.*

### **Advanced Placement (AP) Coursework**

All students are required to complete a minimum of one Advanced Placement (AP) course prior to graduation.

### **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. Additionally, these courses are developed with an emphasis on global awareness and international mindedness.

#### ***Please Note:***

- *Students in IH Math courses may be required to complete Accelerated Summer School courses as determined by departmental recommendation.*
- *9<sup>th</sup> Grade Research Core will be offered to PEMSA and PWMSA to enhance writing and research 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 wellness courses.*

### **IB Diploma Programme Course Descriptions<sup>1</sup>**

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 wellness courses.

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

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<sup>1</sup> 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.

## IB Diploma Programme Student Plan

The chart below outlines a sample course progression and yearly requirements designed to meet PMSA, PEMSA, and PWMSA as well as IB Diploma Programme requirements.

11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
IH Wellness 3 or Physical Education <i>[Unless waiver is granted]</i>	IH Wellness 4 or Physical Education <i>[Unless waiver is granted]</i>
IB Language A - Language & Literature 1 HL (English)	IB Language A - Language & Literature 2 HL (English)
IB World Language 1 French B SL or Spanish B SL/HL	IB World Language 2 French B SL or Spanish B SL/HL
IB History 1 HL	IB History 2 HL
IB Biology 1 HL	IB Biology 2 HL
IB Math: Applications & Interpretation - DP Year 1 or IB Math: Analysis & Approaches - DP Year 1	IB Math: Applications & Interpretation - DP Year 2 or IB Math: Analysis & Approaches - DP Year 2
IB Elective (Art, Economics, Psychology, Physics)	PMSA Math Elective
TOK 1	TOK 2
[CAS]/[EE] <sup>2</sup>	[CAS]/[EE] <sup>5</sup>

<sup>2</sup> 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.

# MATHEMATICS AND 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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
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 Programme and Visual Arts 1
IB Visual Arts - DP Year 2				X	1.0	IB Visual Arts - DP Year 1

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

### Course Descriptions (in alphabetical order)

#### AP 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<sup>®</sup> 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<sup>®</sup> 2-D Art & Design evaluations require submission of artwork exemplifying talent in drawing, painting, photography, or digital design. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

#### AP 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> Drawing evaluations require submission of artwork exemplifying talent in drawing. Fee: Cost of the AP<sup>®</sup> 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 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.

## 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Robotics (Dual Credit)*	X	X	X	X	1.0	None
IH Introduction to Engineering Design (PLTW) <sup>^</sup>	X	X			1.0	None
IH Principles of Engineering (PLTW) <sup>^</sup>	X	X			1.0	None
IH Engineering Design & Development (PLTW) <sup>^</sup>			X	X	1.0	IH Introduction to Engineering Design (PLTW) or IH Principles of Engineering (PLTW)
IH Aerospace Engineering (PLTW) <sup>^</sup>			X	X	1.0	None

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

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

<sup>^</sup> 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 hands-on 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.

## ENGLISH

**4 credits are required which must include IH Survey of Literature and IH World Literature.**

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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)* <sup>##</sup>				X	1.0	3 years of English
AP English Language & Composition <sup>##</sup>			X	X	1.0	2 years of English or Administrator Approval
AP English Literature & Composition <sup>##</sup>				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 Creative Writing				X	0.5	3 years of English / Elective credit only
Creative Writing (Dual Credit)* <sup>##</sup>				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)* <sup>##</sup>				X	0.5	3 years of English / Elective credit only

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>\*</sup> All Dual Credit courses require students to meet qualifications established by Triton College.

<sup>##</sup> This course may be offered for Dual Credit from Triton College.

### Course Descriptions (in alphabetical order)

#### AP 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

AP<sup>®</sup> 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<sup>®</sup> English Language & Composition Exam. Students in this course are required to take the AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

#### AP English Literature & Composition

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP English Language & Composition or Administrator Approval

State Course Code: 01006A000

Proviso Course Code: ENG312006

AP® 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® Exam in Literature and Composition. Students in this course are required to take the AP® Exam associated with this content area. Fee: Cost of the AP® 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 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.

## 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 <sup>#</sup>
IH Integrated Math 1	X				1.0	None
IH Integrated Math 2	X	X			1.0	IH Integrated Math 1 and IH Summer Accelerated Integrated Math 2 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	IH Integrated Math 1
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

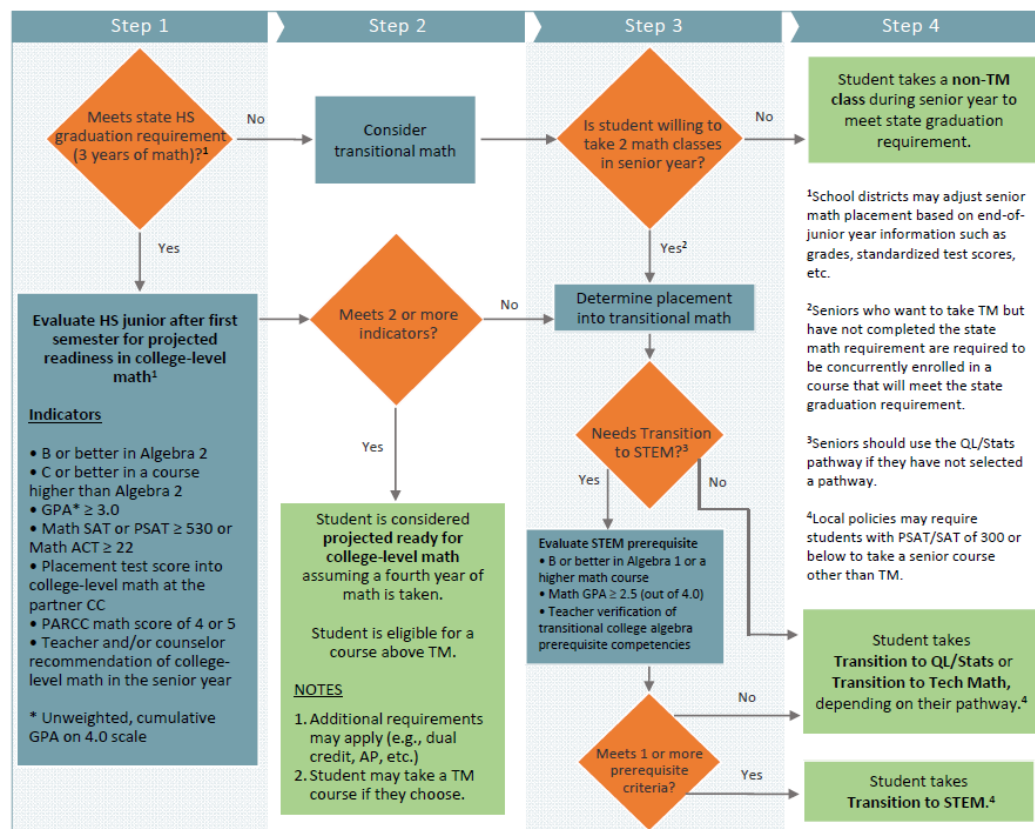
Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IB Math: Applications & Interpretation - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3
IB Math: Analysis & Approaches - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3
IB Math: Applications & Interpretation - DP Year 2				X	1.0	IB Math: Applications & Interpretation - DP Year 1
IB Math: Analysis & Approaches - DP Year 2				X	1.0	IB Math: Analysis & Approaches - DP Year 1
Science, Technology, Engineering, & Math (STEM) TM001				X	1.0	Administrator Approval - See Decision Chart for Senior Level Math

<sup>#</sup> 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 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



AP<sup>®</sup> Calculus AB 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Calculus BC**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP<sup>®</sup> Calculus AB 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 AP<sup>®</sup> Calculus AB (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<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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

AP<sup>®</sup> 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 object-oriented 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Computer Science Principles**

Grade: 9-12

Length: 2 semesters

Credit: 1.0



Prerequisite: IH Integrated Math 1

State Course Code: 10161A000

Proviso Course Code: MAT313019

AP<sup>®</sup> 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

### **AP 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 AP<sup>®</sup> 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 AP<sup>®</sup> Exam associated with this content area. Fee: Cost of the AP<sup>®</sup> 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 and IH Summer Accelerated Integrated Math 2 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.

**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.

## MUSIC

*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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Beginning Band	X	X	X	X	1.0	None
IH Concert Band - Brass/Percussion	X	X	X	X	1.0	IH Beginning Band, Audition, and/or Teacher Recommendation
IH Concert Band - Woodwinds	X	X	X	X	1.0	IH Beginning Band, Audition, and/or Teacher 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 Theory	X	X	X	X	1.0	None
AP Music Theory		X	X	X	1.0	IH Music Theory, Placement Test, and/or Teacher Recommendation

<sup>#</sup> 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<sup>®</sup> 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 sight-singing 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<sup>th</sup> Century art, music, jazz, popular music, and the music of non-Western cultures. Students are required to take the AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> 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 Theory**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

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
- AP Seminar (Per College Board approval)
- IH Engineering Design & Development (PLTW)

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

- 9<sup>th</sup> Grade Research Core

### **Required Course for IB Diploma Students:**

- IB Theory of Knowledge - DP1 and DP2

**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 9<sup>th</sup> 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 <sup>#</sup>
9 <sup>th</sup> 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 Engineering Design & Development (PLTW)			X		1.0	IH Principles of Engineering (PLTW) and IH Introduction to Engineering Design (PLTW)

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

### **Course Descriptions (in alphabetical order)**

#### **9<sup>th</sup> 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.

### **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 AP® 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® 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 AP® Capstone when combined with qualifying scores from 3 other AP® courses.

### **AP 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

AP® 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® 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 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."

## 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 <sup>#</sup>
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	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

<sup>#</sup> 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)

#### AP 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: SCI313056

AP<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

**AP Chemistry**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Department Recommendation

State Course Code: 03101A000

Proviso Course Code: SCI313106

AP<sup>®</sup> 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 (AP<sup>®</sup>) 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

**AP 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

AP<sup>®</sup> 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 AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

**AP Physics 1**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Department Recommendation

State Course Code: 03163A000

Proviso Course Code: SCI312165

Designed by the College Board, AP<sup>®</sup> 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> 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: 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<sup>st</sup> 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: SCI411107

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<sup>st</sup> 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<sup>st</sup> 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: SCI213214

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.



## SOCIAL SCIENCE

**3 credits are required.**

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

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
AP World History	X	X	X	X	1.0	Placement Test and/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			0.5	AP World History or Teacher Recommendation
IH American Government		X			0.5	IH Global Studies or AP World History
IH Black History 365 <sup>+</sup>		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

<sup>#</sup> 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 European History**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher Recommendation

State Course Code: 04056A000

Proviso Course Code: SOC313056

In AP® 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 AP® Exam. Fee: Cost of the AP® Exam fee per the College Board rate. Reduced fee waivers may apply.

### **AP 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 AP® 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 AP® Exam. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP Macroeconomics**

Grade: 11-12

Length: 1 semester

Credit: 0.5

Prerequisite: Teacher Recommendation

State Course Code: 04204A000

Proviso Course Code: SOC313204

In AP® 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 AP® Exam. Fee: Cost of the AP® Exam fee per the College Board rate. Reduced fee waivers may apply.

**AP Microeconomics**

Grade: 11-12

Length: 1 semester

Credit: 0.5

Prerequisite: Teacher Recommendation

State Course Code: 04203A000

Proviso Course Code: SOC313203

AP<sup>®</sup> 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam fee per the College Board rate. Reduced fee waivers may apply.

**AP Psychology**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher Recommendation

State Course Code: 04256A000

Proviso Course Code: SOC313256

The AP<sup>®</sup> 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 psychologists 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 AP<sup>®</sup> Exam. Fee: Cost of the AP<sup>®</sup> Exam fee per the College Board rate. Reduced fee waivers may apply.

**AP US Government & Politics**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: AP World History or Teacher Recommendation

State Course Code: 04157A000

Proviso Course Code: SOC310157

AP<sup>®</sup> 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. Fee: Cost of the AP<sup>®</sup> Exam per the College Board rate. Reduced fee waivers may apply.

**AP 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® 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® Exam fee per the College Board rate. Reduced fee waivers may apply. This course satisfies Illinois Public Law 195 Consumer Education requirements.

### **AP World History**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test and/or Teacher Recommendation

State Course Code: 04057A000

Proviso Course Code: SOC313067

The purpose of the AP® 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 AP® Exam. Fee: Cost of the AP® 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<sup>th</sup> 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 American Government**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: IH Global Studies or AP World History

State Course Code: 04151A000

Proviso Course Code: SOC210151

This course is designed to study American government and politics including the fundamental principles of government, the role of the President and Congress, American political culture, public opinion, political participation, elections and campaigns, interest groups, the media and the policy making process. Additionally, emphasis is placed on developing a sound understanding of the philosophical and institutional foundations of the American political system. Students examine the structures and processes of other selected governments and political philosophies in preparation for more in-depth studies of selected topics in subsequent years. Development of analytical and evaluative skill is emphasized as well as the application of theory to contemporary issues and events. This course satisfies Illinois Public Law 195 (Constitution Test).

### **IH Applied Anthropology**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher Recommendation

State Course Code: 04251A000

Proviso Course Code: SOC213251

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 pre-colonial 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. This course satisfies Illinois Public Law 195 Consumer Education requirements.

### **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 pre-colonial 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. This course satisfies Illinois Public Law 195 Consumer Education requirements.

## 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
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 Recommendation (Elective credit only)

<sup>#</sup> 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	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Wellness 1	X				0.5	None
IH Health Education	X				0.5	None
IH Driver's Education Behind-the-Wheel		X			0.5	15 years of age, IH Driver's Education: In the Classroom, and Driving Permit
IH Wellness 2		X			0.5	IH Wellness 1
IH Driver's Education: In the Classroom		X			0.5	IH Wellness 1 and must successfully complete 8 classes in the previous 2 semesters of coursework
IH Wellness 3			X		1.0	IH Wellness 2
IB CAS Wellness			X	X	1.0	Acceptance into the IB Diploma or Certificate Programme
IH Wellness 4				X	1.0	IH Wellness 3
Wellness 4 (Dual Credit)*				X	1.0	IH Wellness 3

<sup>#</sup> 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-the-wheel 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.

## WORLD LANGUAGES

**2 credits are required - 2 credits of the same language**

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH French 1	X	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
AP French Language & Culture			X	X	1.0	IH French 3
IB Language B French - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB Language B French - DP Year 2				X	1.0	IB Language B French - DP Year 1
IH Spanish 1	X	X	X	X	1.0	None
IH Spanish 2	X	X	X	X	1.0	IH Spanish 1 or Placement Test
IH Advanced Spanish 2 Immersion	X	X	X	X	1.0	Placement Test
IH Spanish 3	X	X	X	X	1.0	IH Spanish 2 or Placement Test
IH Advanced Spanish 3 Immersion		X	X	X	1.0	IH Advanced Spanish 2 Immersion or Teacher Recommendation
IH Spanish 4		X	X	X	1.0	IH Spanish 3 or Placement Test
AP Spanish Language & Culture		X	X	X	1.0	IH Spanish 4, IH Advanced Spanish 3 Immersion, or Teacher Recommendation
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

<sup>#</sup> Prerequisite courses must be completed with a passing grade.

### Course Descriptions (in alphabetical order by language)

#### FRENCH

##### AP 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® 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 AP® Exam. Fee: Cost of the AP® Exam fee per the College Board rate. Reduced fee waivers may apply.

### **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: 9-12

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

State Course Code: 06123A000

Proviso Course Code: WLA213104

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 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 AP® 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® Exam. Fee: Cost of the AP® Exam fee per the College Board rate. Reduced fee waivers may apply.

### **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 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 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: 9-12

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.

# **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 Nothing But The Best"*