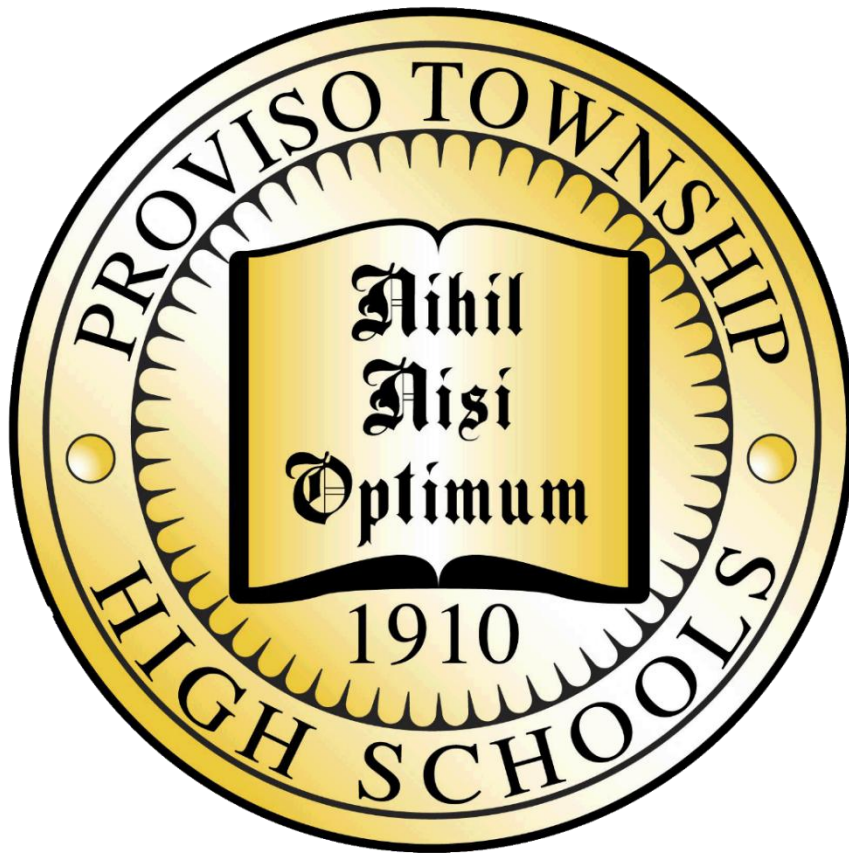


# ACADEMIC PROGRAMS AND COURSE CATALOG 2025 – 2026



*"Pursuit Of Nothing But The Best"*

Last Updated 5.8.25

## PROVISO TOWNSHIP HIGH SCHOOLS DISTRICT 209

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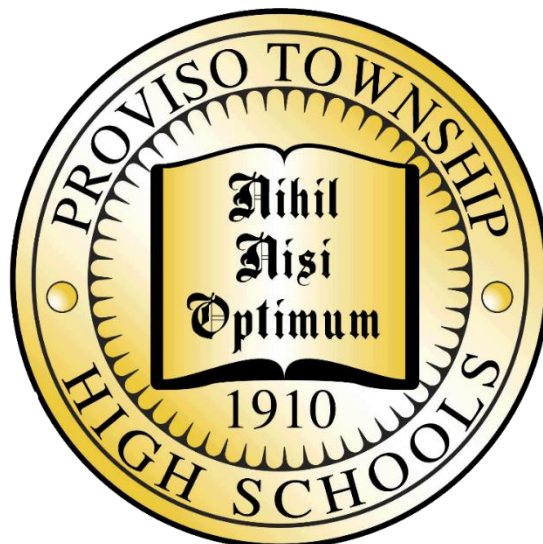
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*"Pursuit Of Nothing But The Best"*

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

# Proviso Township High Schools District 209



## **Proviso East High School / Proviso East Math & Science Academy**

807 S. First Avenue  
Maywood, IL 60152

**Mr. Rodney Hull**  
Principal  
708-202-1611



## **Proviso West High School / Proviso West Math & Science Academy**

4701 W. Harrison Street  
Hillside, IL 60162

**Ms. Elizabeth Martinez**  
Principal  
708-202-6311



## **Proviso Math & Science Academy (PMSA) - Forest Park**

8601 W. Roosevelt Road  
Forest Park, IL 60130

**Ms. Cristin Chiganos**  
Interim Principal  
708-338-4168

## **Central Administration**

***Mr. Krish Mohip, Superintendent of Schools***

***Mr. Alexander Aschoff, Deputy Superintendent for Educational Services***

***Mr. Luke Pavone, Deputy Superintendent of Operational Services***

***Dr. Deborah Watson-Hill, Chief School Business Official***

***Mr. Michael Swanson, Director of Technology***

***Mr. L.T. Taylor, Director of Operations***

***Ms. Kristine Vandenbroek, Public and Community Officer***

***Dr. Alexander J. Brandon, Director of Career and Technical Education (CTE) & Early College, Licensing,  
Dual Credit, Dual Enrollment, and Dual Degree***

***Ms. Athanasia "Sia" Albans, Coordinator I – Performance Management and Professional Development***

***Mr. William Breisch, Coordinator I – Human Resources***

***Ms. Ramonda Fleming, Coordinator I – Special Education***

***Mr. Dimitrios "Jim" Kallieris, Coordinator I – EL, Bilingual Education, and World Languages***

***Ms. Lisa Lazansky-Roach, Coordinator I – Math and Science***

***Ms. Angela K. Marino, Coordinator I – ELA and the Arts***

***Mr. Tony Valente, Coordinator I – Social Studies and PE/Wellness***

***Dr. Shaylon Walker, Coordinator I – State and Federal Programs***

***Ms. Cassandra Turner, Coordinator I – Accounting and Finance***

***TBD, Coordinator I – Network Systems***

***TBD, Coordinator I – Data, Enrollment, and Assessment***

***Ms. Felicia Lee, Coordinator II – Technology Integration***

***Mr. DeJuan Moon, Coordinator II – Student Information System***

***Dr. D. Dianna Thomas, Coordinator II – Multi-Tiered Systems of Support (MTSS)***

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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**

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

## GOALS

- To build a culture of continuous improvement and design equitable systems for school-based and district-wide improvement
- To ensure that all students will have access to and engagement with high-quality, equitable and relevant instruction
- To design, implement, and sustain a technology plan that allows 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 HIGH SCHOOLS

Subjects	Credits Required for Year of Graduation 2028 and earlier	Credits Required for Year of Graduation 2029 and later
English <i>[English 1-4 (or equivalents) are required. Equivalents include AP English Language &amp; Composition, AP English Literature &amp; Composition, EL Foundations, and College Reading and Writing.]</i>	4	4
Mathematics <i>[Integrated Math 1, Integrated Math 2, and Integrated Math 3 (or equivalents) are required.]</i>	3	4
Science <i>[At least 2 years of laboratory science is required.]</i>	3	3
Social Studies <i>[US History, Black History 365, and Civics are required. AP US Gov &amp; Politics meets the Civics requirement. Civics includes required Consumer Education content. Students must also pass the Constitution Test.]</i>	3	3
Physical Education and Wellness <i>[Health is required. Naval Science 1 meets the Health requirement.]</i>	4	4
Consumer Education <i>[This graduation requirement may be satisfied by several courses; e.g., Civics, AP US Government &amp; Politics.]</i>	0.5 or embedded in other courses	0.5 or embedded in other courses
World Languages, Fine Arts, Applied Technology, Engineering & Technology, or Research & Theoretical Studies <i>[2 years of World Language are recommended for college-bound, NCAA.]</i>	1	1
Electives	3.5	3.5
<b>Total</b>	<b>22 credits</b>	<b>23 credits</b>
Community Service	40 hours	40 hours

***Please note: No student shall receive multiple credits for the same course without prior approval by the Superintendent or designee.***

**PROVISO EAST MATH & SCIENCE ACADEMY (PEMSA), PROVISO WEST MATH & SCIENCE ACADEMY (PWMSA), AND PROVISO MATH & SCIENCE ACADEMY (PMSA)**

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

Subject	Credits Required for Graduation	Credits Required for 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 <i>At least 2 years of laboratory science is required.</i>	4	4
Social Studies <i>IH US History (or equivalent) and IH Civics (or its equivalent) including Consumer Education content are requirements. IH Black History (or equivalent) is required. IH Global Studies or AP World History: Modern is required. Students must pass the Constitution Test.</i>	3	3
Consumer Education <i>This graduation requirement may be satisfied by several courses such as IH Civics or AP US Government &amp; Politics.</i>	0.5	0.5 or embedded in other courses
Wellness <i>IH Health Education is required.</i>	4	4
World Languages <i>2 years of the same language are required.</i>	2	2
Elective from Art, Music, Theatre, or Engineering and Technology	1	1
Additional IH, AP, or IB Elective from any department	1	1
Research & Theoretical Studies ( <i>Includes AP Capstone: AP Seminar &amp; AP Research, IH OneGoal, IH Research Core, and IH Research Mentorship - PMSA only</i> )	1	3.5 ( <i>Includes successful completion of AP Capstone or IH Research Mentorship - PMSA only</i> )
<b>Total</b>	<b>25 credits</b>	<b>27.5 credits</b>
Community Service	40 hours	40 hours

**Please note:** No student shall receive multiple credits for the same course without prior approval by the Superintendent or designee.

## **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 thirteen (13) high school credits.
- Grade 12 (Senior): students who have earned a minimum of eighteen (18) high school credits.

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

## **STUDENT ASSIGNMENT/COURSE LOAD**

Students attending Proviso East and Proviso West are assigned seven (7) courses per semester. A student who successfully completes a semester course shall be awarded 0.5 credits.

Students attending Proviso Math and Science Academy (PMSA), Proviso East Math and Science Academy (PEMSA), and Proviso West Math and Science Academy (PWMSA) are assigned seven (7) courses per semester. A student who successfully completes a semester course shall be awarded 0.5 credits.

## **GRADING (Policy 6:280)**

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

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

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

## GRADING SCALE

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

Grading Scale for All							
%	Grade	%	Grade	%	Grade	%	Grade
100	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 Special Education courses that are required for graduation. These courses provide college and career readiness for postsecondary opportunities. The following points are awarded in this category:

A = 4.0                  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 7<sup>th</sup> 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.

Students wishing to graduate early must work with their counselors to submit a completed application by May 1<sup>st</sup> 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 Superintendent of Schools by May 15<sup>th</sup> of the student's junior year if he/she is in agreement of the request. The Superintendent or designee will consider approval and notify the student of the determination. If denied, a written explanation will be provided.

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 7<sup>th</sup> semester. In addition, the student must submit verification of post-secondary plans (college acceptance, employment verification letter) by November 15<sup>th</sup> of their senior year to their counselor. Failure to complete the courses and/or verification of post-secondary plan will void the early graduation agreement.

### **STUDENTS WITH INDIVIDUALIZED EDUCATION PLANS (IEPs)**

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

### **VETERANS OF WORLD WAR II, THE KOREAN CONFLICT, OR THE VIETNAM CONFLICT**

Upon application, an honorably discharged veteran of World War II, the Korean Conflict, or the Vietnam Conflict will be awarded a diploma, if he or she: (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

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

- Promotes student candidacy for scholarships and post-secondary opportunities
- Increases college and career readiness for scholars
- May lead to a reduction in the number of college classes required after high school graduation which can provide cost savings for families

All of our scholars are encouraged to consider taking advantage of these academic opportunities.

### ADVANCED PLACEMENT (AP®)

Advanced Placement (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/universities. Students are expected to take the AP® exam. **Fee:** Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply. Students may take AP courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials.

### AP® CAPSTONE

Created by the College Board, this program includes AP® Seminar (grades 10 or 11) and AP® Research (grades 11 or 12) for elective credit in the Research and Theoretical Studies Department. These two courses offer college level research preparation for high school students and provide AP® coursework and exams that are not content based. Students who successfully complete both courses have the opportunity to earn the AP® Capstone designation on their diploma and transcript. This program is an excellent entry level college preparatory option for sophomores at Proviso East and West High Schools and juniors at PMSA.

### CAREER AND TECHNICAL EDUCATION (CTE)

Career and Technical Education (CTE) is at the forefront of preparing youth to succeed in high wage and high demand industries around the country. According to the [Bureau of Labor Statistics Occupational Outlook Handbook](#), many of the fastest-growing jobs today are 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, Information Technology (IT), and marketing. Proviso Township currently provides instruction for careers in high-wage, high-skill, and high-demand occupations in the areas of Business, Human Development, Culinary Arts (Foods/Hospitality), Engineering/Industrial Technology, and Information Technology (IT). 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. Students may take selected CTE courses for Dual Credit with Triton College based upon submission of an application with Proviso and Triton, staff credentials, and an annual course renewal as required by Triton College. Students are required to submit a Proviso D209 application for all CTE Pathways and must meet program criteria. Administrative approval is required.

### DUAL CREDIT, DUAL ENROLLMENT, AND DUAL DEGREE

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

#### Dual Credit

Students earn college and high school credit for specific classes taken at PTHS 209 for which the school has an approved Dual Credit agreement with 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 all students who are interested in receiving high school and college credit for the class (if they qualify). Courses with a dual credit option are denoted with "(Dual Credit)" next to their titles in this catalog. Students should contact both the Early College office and their counselor for information regarding eligibility and registration.

Students interested in Dual Credit coursework must:

- Submit the Proviso Dual Credit Admission Application and meet program criteria
- Create a Triton College account online

- Submit the Triton College Dual Credit Application using Triton College Student Portal online
- Submit signed Parental Authorization form
- Take the ACCUPLACER Assessment or other college placement test\*\*
- Attend one of the informational meetings for students and parents to learn about the program and the application process
- Review the informational materials provided by the Early College office or the student's counselor prior to submitting the application

\* 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 and meet all pre-course requirements.

+ The assessment may be waived with multiple measures that vary by dept. as determined by Triton College.

### **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 school's College and Career Readiness Counselor (CCRC), the Early College office, and their assigned counselor for information regarding eligibility and registration.

Eligible students must:

- Submit the Proviso Dual Enrollment Admission Application and meet program criteria
- Create a Triton College account online
- Submit the Triton College Dual Enrollment Application using Triton College Student Portal online
- Submit signed Parental Authorization form
- Take the ACCUPLACER Assessment or other college placement test\*\*
- Obtain written permission from a high school administrator and a parent/guardian and meet with a College Advisor

\* All students planning to enroll in the Nursing Assistant Program (CNA) must earn a score of 480 in the reading portion of the placement test to qualify and meet all pre-course requirements. Additionally CNA students will have a checklist of items they will need to complete prior to the first day of class. Please see the CTE and Early College website for more information.

+ The assessment may be waived with multiple measures that vary by dept. as determined by Triton College.

### **Dual Degree**

PTHS 209 is proud to offer rising juniors the opportunity to take classes on campus at Triton College during their junior and senior year. These classes will be equivalent to collegiate level classes. Proviso Township High Schools will pay for their tuition and books while they are completing their coursework. At the completion of their senior year, students shall receive their Associate Degree in Arts or Science from Triton College and will be able to transfer to any four-year university as a transfer student. Concurrently, they will receive their high school diploma from PTHS 209. Although they attend the college campus, they still maintain their enrollment at the high school and may participate in All School Testing Days, athletics, co-curricular, and extra-curricular activities. The college courses taken will fulfill high school requirements but at the collegiate level.

Qualifications for Admission to the program:

- Student must be in good standing with Proviso District 209
- Must be on track to graduate
- Must have a 2.5 or above GPA
- Must have at least 95% attendance
- Must have completed 2 years of math
- Must submit 2 letters of recommendation from 2 teachers
- Must submit letter of recommendation from their counselor

Please note: Students may be required to take additional courses (co-requisite or review-requisite courses) during the regular academic year and summer in order to fulfill Triton College Dual Degree program requirements. All students accepted into this program must take CSG 296 Dual College Bootcamp in July 2024. Classes will take place Monday-Thursday from 10am to 12:50pm on campus at Triton College.

#### Student Benefits

- No cost to students for tuition, fees, books
- Triton College Advisor will check in with students every two weeks
- Director of Early College from PTHS D209 will check in with students weekly
- In-Person and Virtual tutoring will be available through Triton College
- Students can participate in Triton College and/or PTHS D209 athletics and extracurriculars. IHSA and NCAA guidelines must be followed for student athletes in this program.

***Applications are due to the Director of CTE and Early College no later than January 16, 2026.***

#### INTERNATIONAL BACCALAUREATE® PROGRAMME

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 or IB Career-related Programme are eligible to earn an International Baccalaureate® Diploma or Career-related Certificate, respectively. The IB 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 who obtain high scores on the IB® exams may be granted college credit from their selected colleges or universities.

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

Students may enter the IB Diploma Programme at their attending campus in the following way:

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

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

- Apply during sophomore year for the International Baccalaureate® (IB) Career-related Programme (CP) to be eligible to earn an IB Career-related Certificate (taking a minimum of two IB Diploma courses, fulfilling IB core requirements, and successfully completing the requirements of the Career-related field of study).
- Attend one of the informational meetings for students and parents to learn about the program and the application process.
- Review the informational materials provided by the student's counselor prior to submitting the application.

*\* Only schools authorized by the IBO can offer any of its four academic programmes: the Primary Years Programme (PYP), the Middle Years Programme (MYP), the Diploma Programme (DP), or the Career-related Programme (CP).*

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

### ***IB Diploma Programme Course Descriptions<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 be taken for an IB Certificate and require the permission of the current teacher of the course, parent permission, and signed acknowledgement of and adherence to the IB Diploma Programme Preliminary Academic Honesty Policy.

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

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

### ***IB Diploma Programme Student Plan***

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

11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
IH Wellness 3/4 or Physical Education <i>[Unless waiver is granted]</i>	IH Wellness 3/4 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)	MSA Math Elective
IB Theory of Knowledge (TOK) – DP Year 1	IB Theory of Knowledge (TOK) – DP Year 2
[IB Community, Action, Service (CAS) and IB Extended Essay (EE)] <sup>2</sup>	[IB Community, Action, Service (CAS) and IB Extended Essay (EE)] <sup>5</sup>

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

<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.

<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.

**ONEGOAL®**

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

**SEAL OF BILITERACY**

The Seal of Biliteracy is a recognition given to graduating senior students who demonstrate high levels of proficiency in English and another language. Students who qualify will meet the entrance requirement of two years of a foreign language and may receive up to two years of college credit in world 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.



## COURSE DESCRIPTIONS FOR PROVISO EAST AND PROVISO WEST

### APPLIED TECHNOLOGY (TEC)

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.

Credits earned in Applied Technology courses fulfill graduation requirements for Applied Technology or elective credit.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Provisto course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Automotive Service			X		1.0	Foundations of Technology
Automotive Mechanics - Comprehensive				X	1.0	Automotive Service
Career Exploration	X				1.0	None
Emerging Technologies				X	1.0	Mastery of Metals - CNC Design
Foundations of Technology		X			1.0	Career Exploration is recommended.
Mastery of Metals - Manual Mill & Lathe			X		1.0	Foundations of Technology
Mastery of Metals - CNC Design				X	1.0	Mastery of Metals - Manual Mill & Lathe

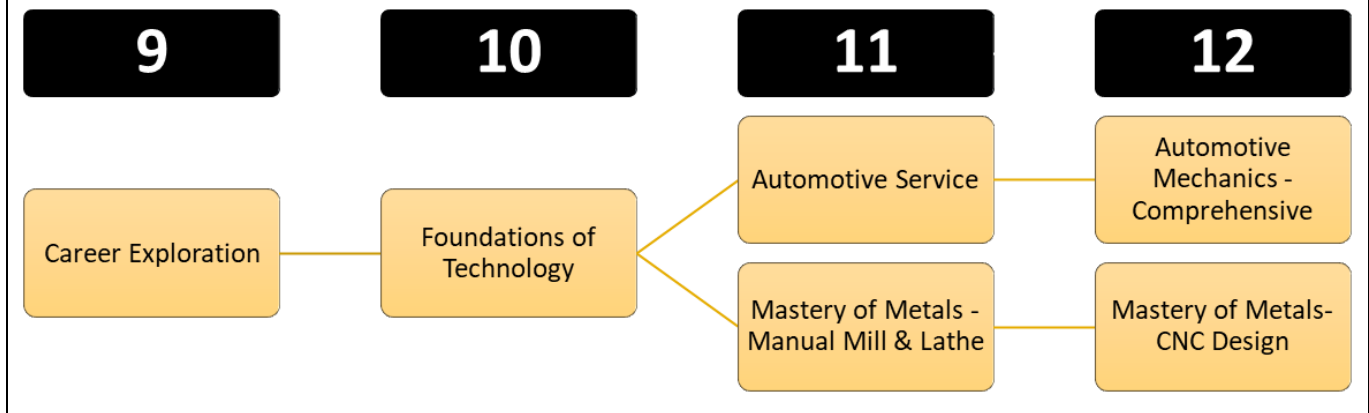
<sup>#</sup> Prerequisite courses must be completed with a passing grade.

## Applied Technology Course Progression (East/PEMSA, West/PWMSA)

*Students may begin the pathway below in grade 9 or 10.*

*Students are encouraged to begin the pathway in grade 9 in order to complete the full course sequence.*

*Work-Based Learning (WBL) may be embedded within the 12<sup>th</sup> grade course  
or taken as a stand-alone experience in addition to the 12<sup>th</sup> grade course.*



### Course Descriptions (in alphabetical order)

#### **Automotive Mechanics - Comprehensive**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Automotive Service

State Course Code: 20148A002

Proviso Course Code: TEC113148 (If Dual Credit: TEC513148) (If Work Based Learning: TEC112148)

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: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Foundations of Technology

State Course Code: 20104A001

Proviso Course Code: TEC113106 (If Dual Credit: TEC513106)

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.

#### **Career Exploration**

*See Research & Theoretical Studies Department*

### **Emerging Technologies (West only)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Mastery of Metals - CNC Design

State Course Code: 13998A002

Proviso Course Code: TEC113053 (*If Dual Credit: TEC513053*) (*If Work Based Learning: TEC112998*)

This course employs teaching and learning strategies that enable students to build their own understanding of new ideas. It is designed to engage students in exploring and deepening their understanding of “big ideas” regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use, and apply technology in the areas of engineering, design, and manufacturing.

### **Foundations of Technology**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Career Exploration

State Course Code: 21052A001

Proviso Course Code: TEC109056

The course employs teaching and learning strategies that enable students to build their own understanding of new ideas. It is designed to engage students in exploring and deepening their understanding of “big ideas” regarding technology and apply technological processes to solve real problems and develop knowledge and skills to design, modify, use and apply technology in areas that may include engineering design, manufacturing technologies, construction technologies, energy & power, information & communication technologies and emerging technologies.

### **Mastery of Metals – CNC Design (West only)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Mastery of Metals - Manual Mill & Lathe

State Course Code: 13203A002

Proviso Course Code: TEC113210 (*If Dual Credit: TEC513210*)

In Mastery of Metals - CNC Design, students prepare for entry level jobs in manufacturing. This course features instruction in advanced and complex manual machine set-ups. Basic programming is used to produce CNC parts. Students also use advanced inspection equipment to check tolerances for final products. Students have the opportunity to apply these skills to attain industry recognized NIMS credentials in this course.

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Foundations of Technology

State Course Code: 13203A001

Proviso Course Code: TEC113202 (*If Dual Credit: TEC513202*)

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 (ART)

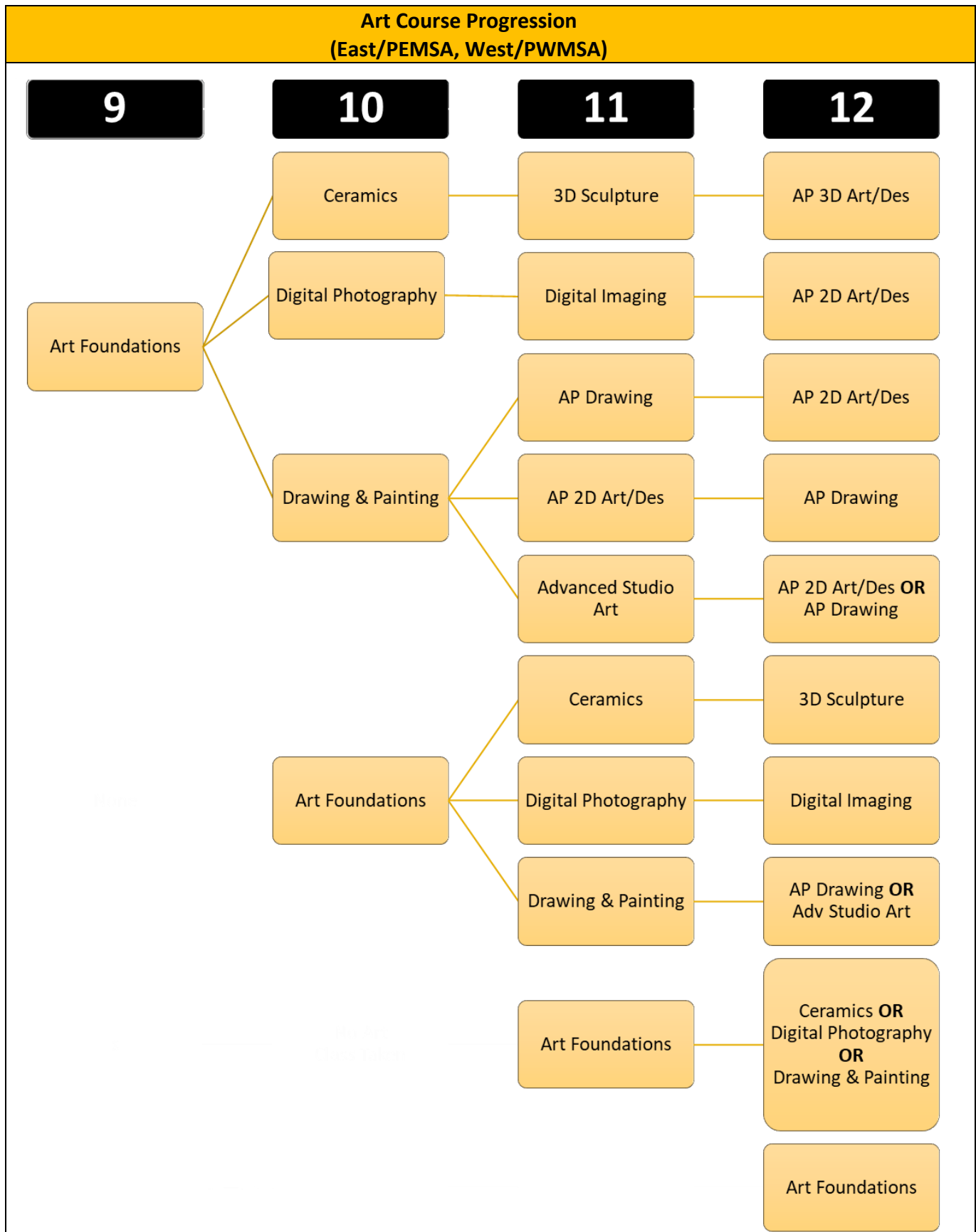
The Art Department provides opportunities for students to engage in art experiences as preparation for creative careers and responsible citizenship. Art courses cultivate students' ability to think, collaborate, and problem-solve in innovative ways.

Credits earned in Art courses fulfill graduation requirements for Fine Arts or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
3-D Sculpture			X	X	1.0	Ceramics
Advanced Studio Art			X	X	1.0	At least 2.0 Art credits <u>or</u> Teacher Recommendation
Art Foundations	X	X	X	X	1.0	None
AP Drawing			X	X	1.0	Advanced Studio Art <u>or</u> Drawing & Painting <u>or</u> Teacher Recommendation
AP 2-D Art & Design			X	X	1.0	Advanced Studio Art <u>or</u> Drawing & Painting <u>or</u> Digital Imaging <u>or</u> Teacher Recommendation
AP 3-D Art & Design			X	X	1.0	3-D Sculpture <u>or</u> 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

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

**Art Course Progression  
(East/PEMSA, West/PWMSA)**



## 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 2.0 Art credits or Teacher Recommendation

State Course Code: 05170A000

Proviso Course Code: ART113170

This course is designed for the serious artist who is creating a personalized body of work. The student's collection of artwork may be used in preparation for AP Drawing, AP 2-D Art & Design, and AP 3-D Art & Design.

### **AP® 2-D Art & Design**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Advanced Studio Art, Drawing & Painting, or Teacher Recommendation

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: Advanced Studio Art or Drawing & Painting or Teacher Recommendation

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. Content includes the language, materials, processes and design elements and principles supporting a work of art. Students focus on the creation of art and may also study major artists, art movements, contemporary themes, and styles of art.

**Ceramics**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Art Foundations

State Course Code: 05159A000

Proviso Course Code: ART113159

Ceramics focuses on creating three-dimensional works out of clay and ceramic material using hand-building techniques. Particular attention is paid to the characteristics of the raw materials, their transformation under heat, and the various methods used to create and finish objects. Students explore various artists, themes, movements, and styles of ceramic art in this course.

**Digital Imaging**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Digital Photography

State Course Code: 05251A000

Proviso Course Code: ART113251

This class builds on students' knowledge of tools, techniques, and processes of video and digital photography. Students create and edit their own photos and videos using digital editing software. They view and critique their own work as well as professional artists' work. In this course, students consider how media affects their lives.

**Digital Photography**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Art Foundations

State Course Code: 05167A000

Proviso Course Code: ART113167

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

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.

Credits earned in Business courses fulfill graduation requirements for elective credit.

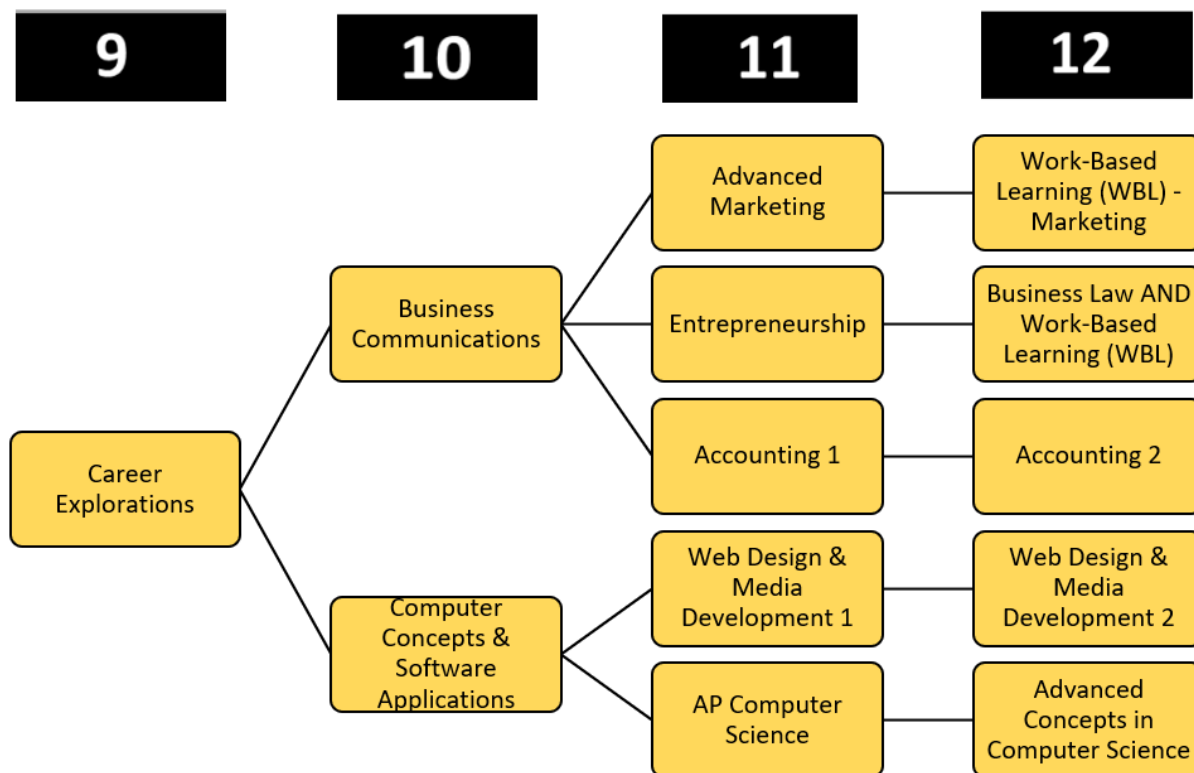
Course Name	9	10	11	12	Credit	Prerequisite #
Accounting 1			X		1.0	Computer Concepts & Software Applications
Accounting 2				X	1.0	Accounting 1
Advanced Concepts in Computer Science			X	X	1.0	AP Computer Science Principles
Advanced Marketing			X		1.0	Computer Concepts & Software Applications
Business Communications	X	X				Career Exploration is recommended.
Business Law				X	0.5	Entrepreneurship
Career Exploration	X				1.0	None
Computer Concepts and Software Applications		X			1.0	Career Exploration is recommended.
Consumer Education				X	0.5	None
Entrepreneurship			X		1.0	Computer Concepts & Software Applications
Web Design & Media Development 1			X		1.0	Computer Concepts & Software Applications
Web Design & Media Development 2				X	1.0	Web Design & Media Development 1
Work-Based Learning (WBL)				X	1.0	Any sequence of at least two Business Pathway courses
AP Computer Science Principles			X		1.0	Computer Concepts & Software Applications

# Prerequisite courses must be completed with a passing grade.

## Business Course Progression (East/PEMSA, West/PWMSA)

*Students may begin the pathway below in grade 9 or 10.*

*Students are encouraged to begin the pathway in grade 9 in order to complete the full course sequence. Work-Based Learning (WBL) may be embedded within the 12<sup>th</sup> grade course or taken as a stand-alone experience in addition to the 12<sup>th</sup> grade course.*



### Course Descriptions (in alphabetical order)

#### **AP® Computer Science Principles**

See Math Department section—This course can be taken in the Business Pathway above.

#### **Accounting 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Business Communications

State Course Code: 12104A001

Proviso Course Code: BUS113104

Accounting 1 assists students pursuing a career in business, marketing, and management. Students develop basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to give assistance to management for decision making.

#### **Accounting 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Accounting 1

State Course Code: 12104A002

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.

### **Advanced Concepts in Computer Science**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP Computer Science Principles

State Course Code: 10011A001

Proviso Course Code: BUS113302

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.

### **Advanced Marketing**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Business Communications

State Course Code: 12152A001

Proviso Course Code: BUS112163

Advanced 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.

### **Business Communications**

Grade: 9-10

Length: 2 semesters

Credit: 1.0

Prerequisite: Career Exploration is recommended.

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: 12

Length: 1 semester

Credit: 0.5

Prerequisite: Entrepreneurship

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.

### **Career Exploration**

*See Research & Theoretical Studies Department*

### **Computer Concepts & Software Applications**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Career Exploration is recommended.

State Course Code: 10004A001

Proviso Course Code: BUS113020

Computer Concepts and Software Applications is an introductory course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The topics that will be discussed are introduction to web development, interactive animations and gaming, creating apps with devices, as well as AI and machine learning.

### **Consumer Education**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: None

State Course Code: 22210A000

Proviso Course Code: BUS113262

Consumer Education provides students with an understanding of the concepts and principals involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. This course may also provide an overview of the American economy. (Note: Consumer Education will be phased out by the 2025-2026 school year as a stand-alone course and will be satisfied in Civics or AP® US Government & Politics.)

### **Entrepreneurship**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Business Communications

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.

### **Web Design & Media Development 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Computer Concepts & Software Applications

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: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Web Design & Media Development 1

State Course Code: 10201A002

Proviso Course Code: BUS113264

This course is for students who have completed Web Design and Media Development 1. Students will use multimedia authoring applications and programming tools such as JavaScript to create a website that combines text, hyperlinks, images, video, and sound. They will use hardware and software to capture, edit, create, and compress audio/video clips as well as create animated text, graphics, and images. Other topics include using tables to align images with text, creating newspaper-style columns, and inserting side menus and callouts. Students learn how to use templates, cascading style sheets and interactive elements to enhance web pages. They learn to create dynamic forms including multiple-choice questions, comment boxes, and buttons and how to connect to a database to retrieve/write data. Students develop a portfolio project that demonstrates their expertise in multimedia authoring, web development, audio/video editing, or advanced JavaScript applications to create interactive web pages.

### **Work-Based Learning (WBL)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Any sequence of at least two Business Pathway courses

State Course Code: Entrepreneurship: 12098A002, Accounting: 12148A003, Marketing: 12198A002, Web Design: 10998A002

Proviso Course Code: Entrepreneurship: BUS112098, Accounting: BUS112148, Marketing: BUS112198, Web Design: BUS112998 (Generic Code: CRD112000)

This course provides students with work experience in fields related to business including accounting, entrepreneurship, information technology, marketing, and web design. Goals are typically set cooperatively by the student, teacher, and employer. These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

### ENGINEERING AND TECHNOLOGY (NGI)

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.

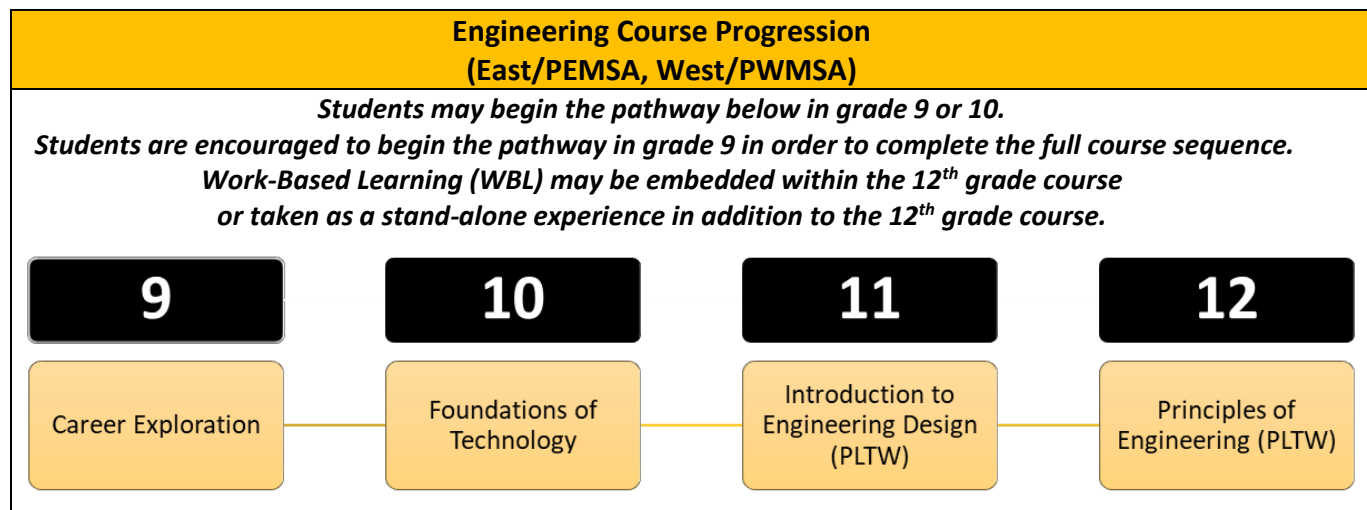
Credits earned in Engineering and Technology courses fulfill graduation requirements for Engineering and Technology or elective credit.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Advanced Concepts in Computer Science			X	X	1.0	AP Computer Science Principles
Career Exploration	X				1.0	None
Foundations of Technology		X			1.0	Career Exploration is recommended.
Introduction to Engineering Design (PLTW*)			X		1.0	Foundations of Technology
Principles of Engineering (PLTW*)				X	1.0	Introduction to Engineering Design (PLTW)

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

\* PLTW = Project Lead The Way



## Course Descriptions (in alphabetical order)

### **Career Exploration**

*See Research & Theoretical Studies Department*

### **Foundations of Technology**

*See Applied Technology Department section*

### **Introduction to Engineering Design (PLTW)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Foundations of Technology

State Course Code: 21006A001

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: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Introduction to Engineering Design (PLTW)

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 (ENG)

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, EL Foundations, and College Reading and Writing.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
College Reading and Writing (CRW)				X	1.0	At least 3.0 English credits <b>and</b> Teacher Recommendation
EL Foundations	X	X	X	X	1.0	New to the country. (English Learners will be placed based on ACCESS/WIDA Screener scores.)
English 1 Honors	X				1.0	None (Students will be placed by Test Score or Teacher Recommendation.)
English 1	X				1.0	None
English 1 Instructional	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
English 1 EL Bridging	X				1.0	None (English Learners will be placed based on ACCESS/WIDA Screener scores.)
English 1 EL Bilingual	X				1.0	None (English Learners will be placed based on ACCESS/WIDA Screener scores)
English 2 Honors		X			1.0	English 1 Honors <b>or</b> Teacher Recommendation
English 2		X			1.0	English 1 or equivalent
English 2 Instructional		X			1.0	English 1 Instructional or equivalent
English 2 EL Bridging		X			1.0	English 1 EL Bridging or equivalent
English 2 EL Bilingual		X			1.0	English 1 EL Bilingual or equivalent
English 3 Honors			X		1.0	English 2 Honors <b>or</b> Teacher Recommendation
English 3			X		1.0	English 2 or equivalent
English 3 Instructional			X		1.0	English 2 Instructional or equivalent
English 3 EL Bridging			X		1.0	English 2 EL Bridging or equivalent
English 3 EL Bilingual			X		1.0	English 2 EL Bilingual or equivalent
English 4 Honors				X	1.0	English 3 Honors <b>or</b> Teacher Recommendation
English 4				X	1.0	English 3 or equivalent
English 4 Instructional				X	1.0	English 3 Instructional or equivalent
English 4 EL Bridging				X	1.0	English 3 EL Bridging or equivalent
English 4 EL Bilingual				X	1.0	English 3 EL Bilingual or equivalent
Film as Humanities*		X	X	X	0.5	At least 1.0 English credits

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Journalism*		X	X	X	0.5	At least 1.0 English credits
Learning Strategies*	X	X	X	X	1.0	Alignment to IEP / Elective credit only
Multicultural Literature*		X	X	X	0.5	At least 1.0 English credits
Public Speaking*		X	X	X	0.5	At least 1.0 English credits
Reading 1*	X				1.0	Placement by Assessment Measures
Reading 2*		X			1.0	Placement by Assessment Measures
Strategic Reading**	X	X	X	X	1.0	Placement by English Learners Department / Elective credit only
AP English Language & Composition			X	X	1.0	At least 2.0 English credits
AP English Literature & Composition				X	1.0	At least 3.0 English credits
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

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

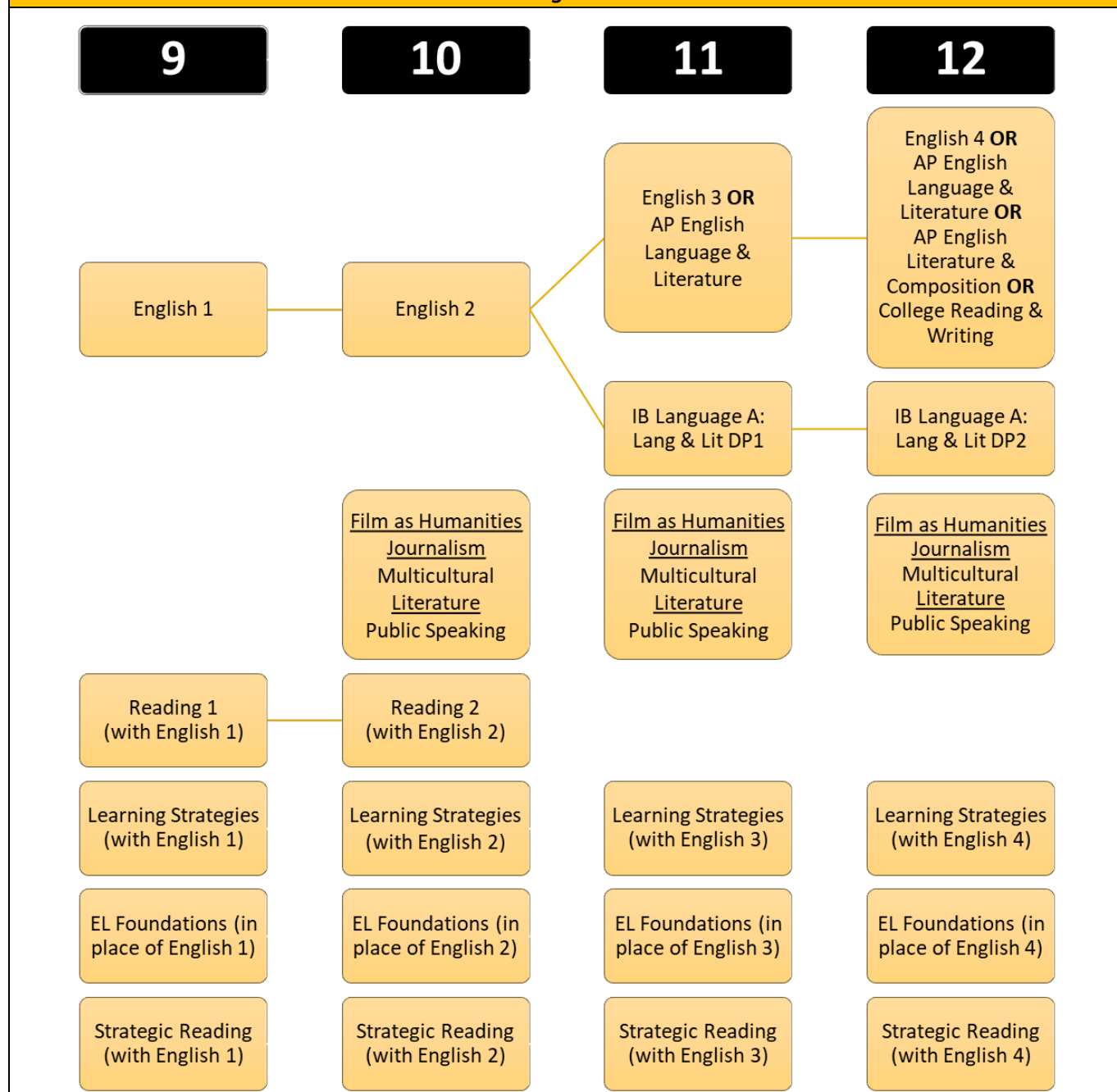
\* Students can earn elective credit for this course in concurrence with the required English course or equivalent.

\*\*This elective credit course is for English Learners and Dual-Identified students (English Learners and Diverse Learners with IEPs)

## English Course Progression

(East, West)

*PEMSA and PWMSA students will follow the PMSA English Course Progression for grades 9-10.  
PEMSA and PWMSA students will follow the East & West Course Progression below for AP and IB English courses in grades 11-12.*



### Course Descriptions (in alphabetical order)

#### AP English Language & Composition

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 English credits

State Course Code: 01005A000

Proviso Course Code: ENG313005 (*If Dual Credit: ENG513005*)

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

### **AP English Literature & Composition**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 3.0 English credits

State Course Code: 01006A000

Proviso Course Code: ENG312006 (*If Dual Credit: ENG512006*)

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.

### **College Reading and Writing (CRW)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 3.0 English credits and Teacher Recommendation

State Course Code: 01004A001

Proviso Course Code: ENG112102

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

### **EL Foundations**

Grade: 9-12

Length: 2 semesters

Credit: 1.0 (This course satisfies 1.0 English graduation required credits.)

Prerequisite: New to the country. (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.4 or below.)

State Course Code: 01008A000

Proviso Course Code: ENG813017

EL Foundations is a course for English Learners new to the country will concentrate on acquiring high frequency academic vocabulary, developing reading strategies and fluency, and phonics skills, responding to literary passages from various genres, writing simple sentences across the curriculum, and practicing grammar. Content and standards in this course will be embedded with high linguistic supports that provide a foundation of the basic structures of the English language, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles, to succeed in content

classrooms, and to move into English 1, 2, 3, or 4 EL Bilingual or Bridging. 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 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. English 1 Honors demands analysis and higher order thinking skills through a rigorous selection of texts.

### **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.

### **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 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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **English 1 EL Bridging**

Grade: 9

Length: 2 semesters

Credit: 1.0 (This course meets the English 1 graduation required credit.)

Prerequisite: None (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)

State Course Code: 01008A000

Proviso Course Code: ENG809013

English 1 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **English 1 EL Bilingual**

Grade: 9

Length: 2 semesters

Credit: 1.0 (This course meets the English 1 graduation required credit.)

Prerequisite: None (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)

State Course Code: 01008A000

Proviso Course Code: ENG809001

English 1 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **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 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. English 2 Honors demands analysis and higher order thinking skills through a rigorous selection of texts.

**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.

**English 2 Instructional**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: English 1 Instructional or equivalent

State Course Code: 01002A000

Proviso Course Code: ENG710002

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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

**English 2 EL Bridging**

Grade: 10

Length: 2 semesters

Credit: 1.0 (This course meets the English 2 graduation required credit.)

Prerequisite: English 1 Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)

State Course Code: 01008A000

Proviso Course Code: ENG810014

English 2 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

**English 2 EL Bilingual**

Grade: 10

Length: 2 semesters

Credit: 1.0 (This course meets the English 2 graduation required credit.)

Prerequisite: English 1 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)

State Course Code: 01008A000

Proviso Course Code: ENG810002

English 2 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **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 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. English 3 Honors demands analysis and higher order thinking skills through a rigorous selection of texts.

### **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.

### **English 3 Instructional**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: English 2 Instructional or equivalent

State Course Code: 01003A000

Proviso Course Code: ENG711003

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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **English 3 EL Bridging**

Grade: 11

Length: 2 semesters

Credit: 1.0 (This course meets the English 3 graduation required credit.)

Prerequisite: English 2 EL Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)

State Course Code: 01008A000

Proviso Course Code: ENG811015

English 3 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **English 3 EL Bilingual**

Grade: 11

Length: 2 semesters

Credit: 1.0 (This course meets the English 3 graduation required credit.)

Prerequisite: English 2 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)

State Course Code: 01008A000

Proviso Course Code: ENG811003

English 3 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **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 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. English 4 Honors demands analysis and higher order thinking skills through a rigorous selection of texts.

### **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.

#### **English 4 Instructional**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: English 3 Instructional or equivalent

State Course Code: 01004A000

Proviso Course Code: ENG712004

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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

#### **English 4 EL Bridging**

Grade: 12

Length: 2 semesters

Credit: 1.0 (This course meets the English 4 graduation required credit.)

Prerequisite: English 3 EL Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.)

State Course Code: 01008A000

Proviso Course Code: ENG812016

English 4 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

#### **English 4 EL Bilingual**

Grade: 12

Length: 2 semesters

Credit: 1.0 (This course meets the English 4 graduation required credit.)

Prerequisite: English 3 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.)

State Course Code: 01008A000

Proviso Course Code: ENG812004

English 4 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

**Film as Humanities**

Grade: 10-12

Length: 1 semester

Credit: 0.5

Prerequisite: At least 1.0 English credits / Must be taken in concurrence with required English course / Elective credit only

State Course Code: 05203A000

Proviso Course Code: ENG613203

Film as Humanities 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.

**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 in this course, 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 in this course. Year 2 topics include: critical study of literature, literary terminology, the influence of formal elements of the text, genre, and structure, understanding attitudes and values and their impact on readers, close reading, the changing historical cultural and social contexts in which texts are written. Formal assessments include an individual oral commentary and a further oral activity. Additionally, students are required to sit the IB examinations in May which include a comparative textual analysis, an essay, and two written tasks.

**Journalism**

Grade: 10-12

Length: 1 semester

Credit: 0.5

Prerequisite: At least 1.0 English credits / 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 / 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: At least 1.0 English credits / 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: At least 1.0 English credits / 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: Placement by English Learners Department / Must be taken in concurrence with required English course / Elective credit only

State Course Code: 01067A000

Proviso Course Code: ENG813066

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 and Common Core Standards are used in high school content for English Learners at PTHS 209. These standards focus on English language development and academic skills attainment. EL students take the same content and are assessed on the same skills as their grade level peers. 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	EL Foundations	X	X	X	X	1.0	New to the country. (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1-1.9 composite.)
English	English 1 EL Bridging	X				1.0	None (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.5-4.7 composite.)
English	English 1 EL Bilingual	X				1.0	None (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.)
English	English 2 EL Bridging		X			1.0	English 1 EL Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.5-4.7 composite.)
English	English 2 EL Bilingual		X			1.0	English 1 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.)
English	English 3 EL Bridging			X		1.0	English 2 EL Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.5-4.7 composite.)
English	English 3 EL Bilingual			X		1.0	English 2 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.)
English	English 4 EL Bridging				X	1.0	English 3 EL Bridging or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 3.5-4.7 composite.)
English	English 4 EL Bilingual				X	1.0	English 3 EL Bilingual or equivalent (Placement based on ACCESS/WIDA Screener English language proficiency assessment scores of 1.0-3.4 composite.)
English	Strategic Reading	X	X	X	X	1.0	Placement by the Department of English Learners / Elective credit only
Mathematics	Integrated Math 1 EL Bridging	X				1.0	Placement by the Department of English Learners
Mathematics	Integrated Math 1 EL Bilingual	X				1.0	Placement by the Department of English Learners
Mathematics	Integrated Math 2 EL Bridging		X			1.0	Integrated Math 1 EL Bridging or equivalent

Content Area <sup>+</sup>	Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Mathematics	Integrated Math 2 EL Bilingual		X			1.0	Integrated Math 1 EL Bilingual or equivalent
Mathematics	Integrated Math 3 EL Bridging			X		1.0	Integrated Math 2 EL Bridging or equivalent
Mathematics	Integrated Math 3 EL Bilingual			X		1.0	Integrated Math 2 EL Bilingual or equivalent
Science	Biology EL Bridging	X				1.0	Placement by the Department of English Learners
Science	Biology EL Bilingual	X				1.0	Placement by the Department of English Learners
Science	Chemistry EL Bridging		X	X		1.0	Biology EL Bridging or equivalent
Science	Chemistry EL Bilingual		X	X		1.0	Biology EL Bilingual or equivalent
Science	Earth Science EL Bridging		X	X		1.0	Chemistry EL Bridging or equivalent
Science	Earth Science EL Bilingual		X	X		1.0	Chemistry EL Bilingual or equivalent
Social Science	World Civilizations EL Bridging	X				1.0	Placement by the Department of English Learners
Social Science	World Civilizations EL Bilingual	X				1.0	Placement by the Department of English Learners
Social Science	Civics EL Bridging		X		X	0.5	World Civilizations EL Bridging or equivalent
Social Science	Civics EL Bilingual		X		X	0.5	World Civilizations EL Bilingual or equivalent
Social Science	Black History EL Bridging		X			0.5	World Civilizations EL Bridging or equivalent
Social Science	Black History EL Bilingual		X			0.5	World Civilizations EL Bilingual or equivalent
Social Science	US History EL Bridging			X		1.0	World Civilizations EL Bridging or equivalent
Social Science	US History EL Bilingual			X		1.0	World Civilizations EL Bilingual or equivalent

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

*\*Course Descriptions can be found in the corresponding Department sections of this document.*

### FAMILY AND CONSUMER SCIENCE (FCS)

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.

Credits earned in Family and Consumer Science courses fulfill graduation requirements for elective credit.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Barbering 1			X		3.0	None
Barbering 2				X	3.0	Barbering 1
Career Exploration	X				1.0	None
Cosmetology 1			X		3.0	None
Cosmetology 2				X	3.0	Cosmetology 1
Culinary Occupations 1			X		1.0	Nutrition & Culinary Arts
Culinary Occupations 2				X	1.0	Culinary Occupations 1
Child Development		X			1.0	Career Exploration is recommended.
Early Childhood Education 1			X		1.0	Child Development
Early Childhood Education 2				X	1.0	Early Childhood Education 1
Nutrition & Culinary Arts		X			1.0	Career Exploration is recommended.
Work-Based Learning (WBL)				X	1.0	At least 2.0 credits in a(n) FCS Pathway

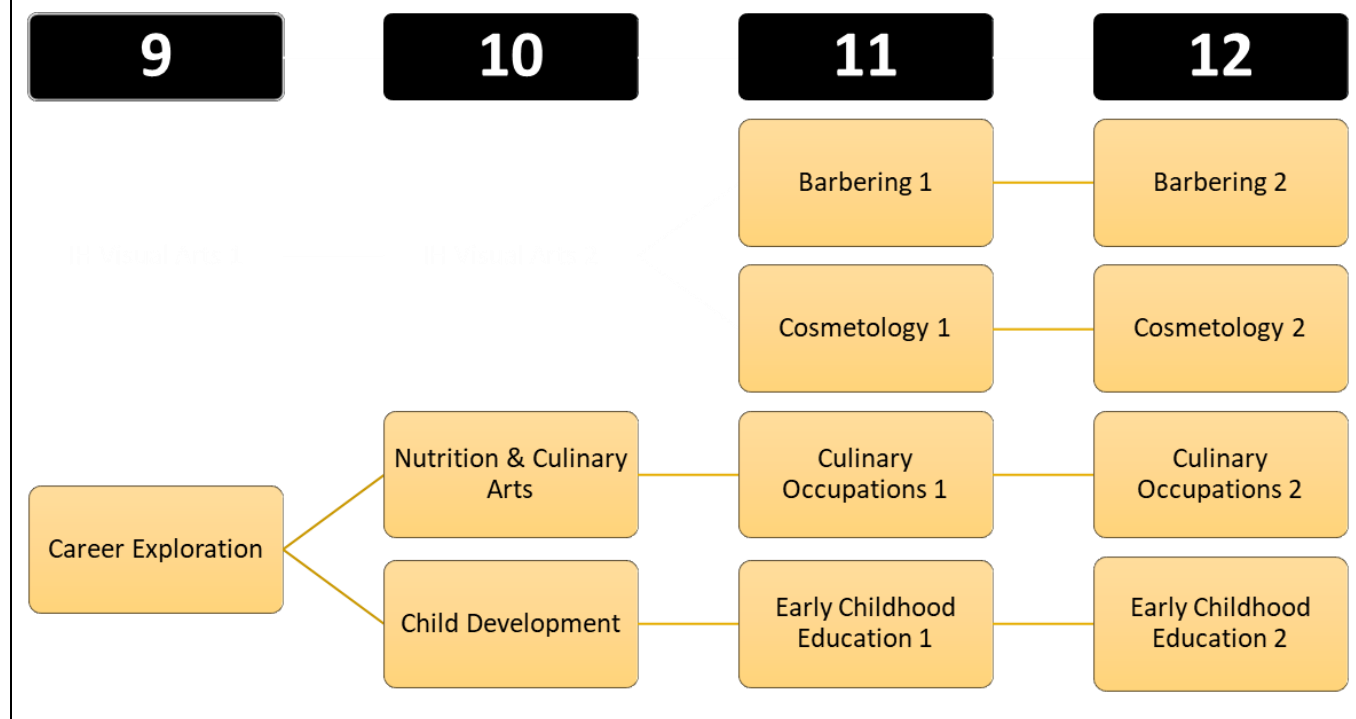
<sup>#</sup> Prerequisite courses must be completed with a passing grade.

## Family & Consumer Science Course Progression (East/PEMSA, West/PWMSA)

*Students may begin the pathway below in grade 9 or 10.*

*Students are encouraged to begin the pathway in grade 9 in order to complete the full course sequence.*

*Work-Based Learning (WBL) may be embedded within the 12<sup>th</sup> grade course  
or taken as a stand-alone experience in addition to the 12<sup>th</sup> grade course.*



### 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. Number of annual seats available is dependent on program capacity. Students must complete the application process to enroll in this course.

**Barbering 2**

Grade: 12

Length: 2 semesters

Credit: 3.0

Prerequisite: Barbering 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.

**Career Exploration**

*See Research & Theoretical Studies Department*

**Child Development**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Career Exploration is recommended.

State Course Code: 19052A001

Proviso Course Code: FCS113255

The Child Development and Parenting part of the course addresses the knowledge, skills, attitudes, and behaviors associated with supporting and promoting optimal growth and development of infants and children. The focus is on research-based nurturing and parenting practices and skills, including brain development research, that support positive development of children. Students explore opportunities in human services and education-related careers and develop a career portfolio. The second part of the course focuses on the development and wellness of individuals and families throughout the life cycle. Topics include human development and wellness theories, principles and practices; life cycle expectations and issues, including biological, physiological, social, and psychological needs and concerns of aging adults; community services, agencies, and resources; roles, responsibilities, and functions of families, family members and caregivers; family issues, including ethics, human worth and dignity, change, stress, neglect and abuse, and care of the caregiver; individual and family wellness planning; and fostering intergenerational relationships. Practical experiences related to these topics are included through a variety of activities such as volunteer experiences, service learning, and intergenerational event planning opportunities. Information on a variety of human and family services careers is incorporated in the course.

**Cosmetology 1**

Grade: 11

Length: 2 semesters

Credit: 3.0

Prerequisite: None

State Course Code: 19101A001

Proviso Course Code: FCS111101

The Cosmetology program must be approved and licensed by the Illinois Department of Financial and Professional Regulations, Division of Professional Regulation, and meet all state and federal regulations. Cosmetology 1 introduces students to the requirements to become a licensed cosmetologist. It offers students instruction in both theory and practical application in the following areas: tools and their use, shampoo, understanding chemicals and use, types of hair, sanitation, hygiene, skin diseases and conditions, anatomy and physiology, electricity, ethics, nail technology and esthetics as they relate to the Barber, Cosmetology, Esthetics, and Nail Technology Act. Knowledge, skills, and activities completed in this course help prepare students for Cosmetology II while earning hours towards licensure. Number of annual seats available is dependent on program capacity. Students must complete the application process to enroll in this course.

## **Cosmetology 2**

Grade: 12

Length: 2 semesters

Credit: 3.0

Prerequisite: Cosmetology 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

Length: 2 semesters

Credit: 1.0

Prerequisite: Nutrition & Culinary Arts

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

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**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Child Development

State Course Code: 19153A001

Proviso Course Code: FCS113153 (*If Dual Credit: 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**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Early Childhood Education 1

State Course Code: 19154A001

Proviso Course Code: FCS112156 (*If Dual Credit: 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)

### **Nutrition & Culinary Arts**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Career Exploration is recommended.

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.

**Work-Based Learning (WBL)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 3.0 credits in a(n) FCS Pathway

State Course Code: Culinary: 16998A001, Early Childhood: 19198A003

Proviso Course Code: Culinary: FCS112998, Early Childhood: FCS112198 (Generic Code: CRD112000)

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

## MATH (MAT)

The Math Department offers opportunities for students to explore mathematics such as integrated math (algebra & geometry), calculus, probability & statistics, computer science, college algebra, and technical math. 3 credits are required which must include Integrated Math 1 and Integrated Math 2 (or Algebra & Geometry prior to SY 2019-2020).

Intensive computer literacy content will be embedded into all Integrated Math classes to meet the ISBE graduation requirement beginning with SY 2024-2025.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Integrated Math 1 Honors	X				1.0	Placement Test <u>or</u> Teacher Recommendation
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 Bridging	X				1.0	Placement by Department of English Learners
Integrated Math 1 EL Bilingual	X				1.0	Placement by Department of English Learners
Integrated Math 1-S	X				1.0	Placement Test <u>or</u> Teacher Recommendation
Integrated Math 2 Honors		X			1.0	IM1 Honors <u>or</u> Teacher Recommendation
Integrated Math 2		X			1.0	IM1 or equivalent
Integrated Math 2 Instructional		X			1.0	IM1 Instructional or equivalent
Integrated Math 2 EL Bridging		X			1.0	IM1 EL Bridging or equivalent
Integrated Math 2 EL Bilingual		X			1.0	IM1 EL Bilingual or equivalent
Integrated Math 2-S		X			1.0	Integrated Math 1-S or equivalent
Integrated Math 3 Honors			X		1.0	IM2 Honors <u>or</u> Teacher Recommendation
Integrated Math 3			X		1.0	IM2 or equivalent
Integrated Math 3 Instructional			X		1.0	IM2 Instructional or equivalent
Integrated Math 3 EL Bridging			X		1.0	IM2 EL Bridging or equivalent
Integrated Math 3 EL Bilingual			X		1.0	IM2 EL Bilingual or equivalent
Integrated Math 3-S			X		1.0	Integrated Math 2-S or equivalent
Pre-Calculus Honors			X	X	1.0	IM3 Honors <u>or</u> Teacher Recommendation
Probability & Statistics			X	X	1.0	IM3 or equivalent (Can be taken concurrently)
Quantitative Literacy & Statistics TM002 <sup>+</sup>				X	1.0	At least 3.0 Math credits <u>and</u> Administrator Approval ( <i>See Decision Chart for Senior Level Math</i> )
AP Statistics			X	X	1.0	IM3 or equivalent
AP Computer Science Principles*			X	X	1.0	At least 2.0 Math credits <u>or</u> Administrator Approval
AP Computer Science A				X	1.0	IM3 <u>or</u> AP Computer Science Principles
AP Calculus AB				X	1.0	IM3, Pre-Calculus Honors <u>or</u> Administrator Approval

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IB Math: Applications & Interpretation - DP 1			X		1.0	Acceptance into the IB Diploma <u>or</u> Certificate Programme <u>and</u> IH Integrated Math 3
IB Math: Applications & Interpretation - DP 2				X	1.0	IB Math: Applications & Interpretation - DP 1

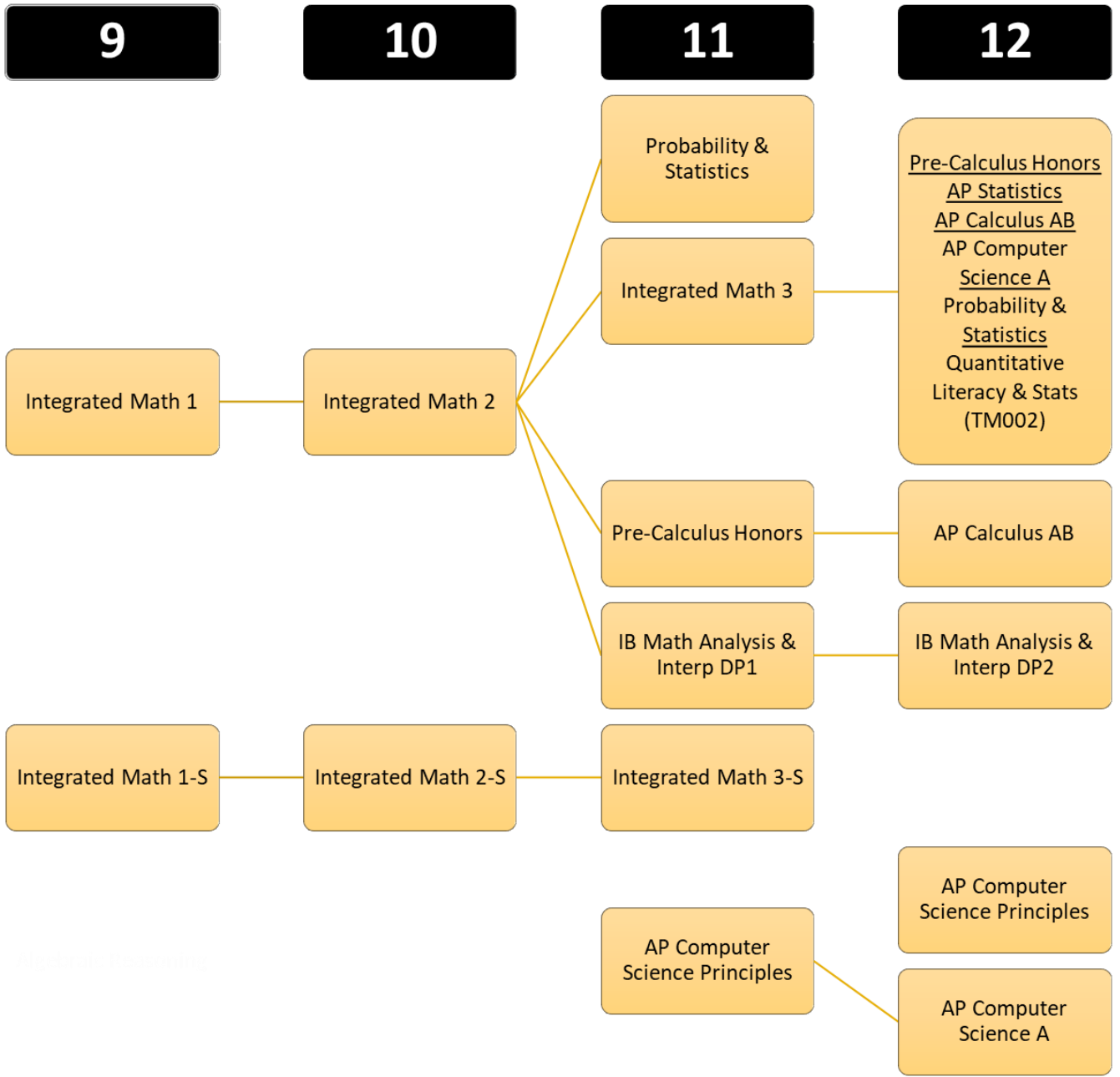
<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>\*</sup> These courses satisfy The Postsecondary and Workforce Readiness Act (PWR Act) Transitional Math requirements, cannot be used to satisfy state graduation requirements

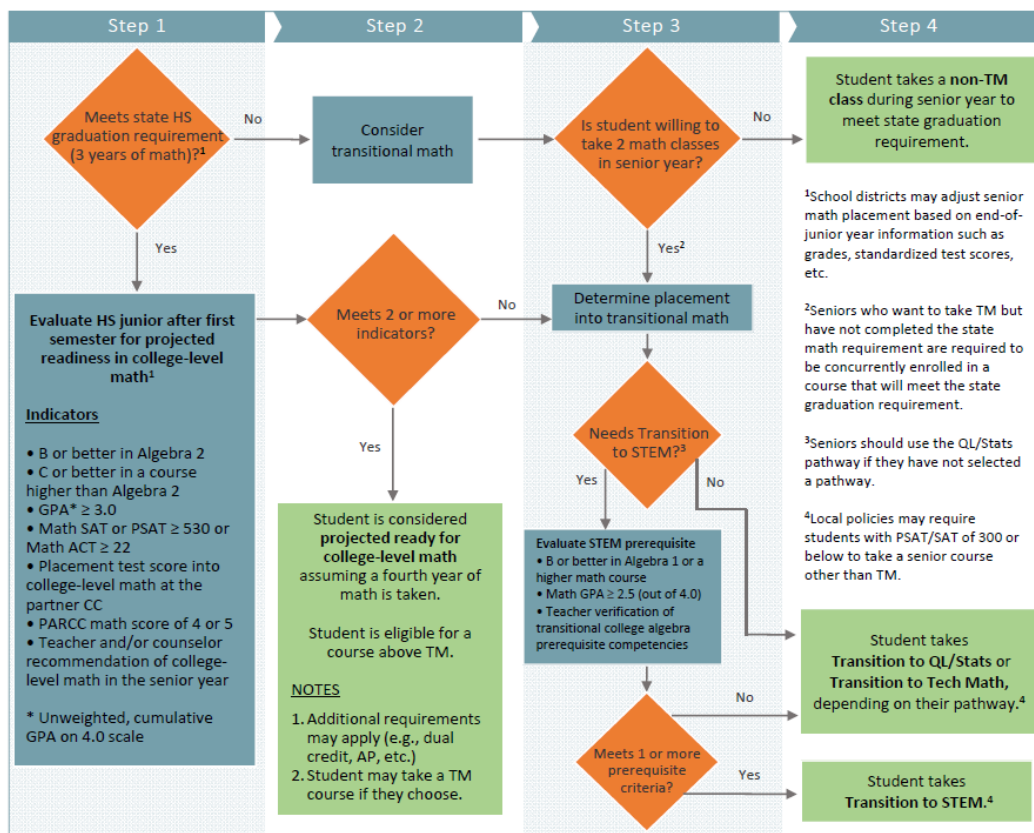
<sup>\*</sup> This course can be taken in grades 10-11 as part of the Business Pathway – See Business Department section

**Math Course Progression  
(East, West)**

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



## Decision Chart for Senior Level Transitional Math



## Course Descriptions (in alphabetical order)

### AP® Calculus AB

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

### AP® Computer Science A

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 3 or AP Computer Science Principles

State Course Code: 10157A000

Proviso Course Code: MAT313157

This course emphasizes object-oriented programming methodology with an emphasis on problem solving and

algorithm development and is meant to be the equivalent of a first-semester course in computer science. It also includes the study of data structures and abstraction. All students are required to take the AP® 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: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Math credits or Administrator Approval

State Course Code: 10019A001

Proviso Course Code: MAT313019

This course offers a multidisciplinary approach to teaching the underlying principles of computation. The course introduces students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. All students are required to take the AP® Computer Principles test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply. *This course can be taken in grades 10-11 as part of a Business Pathway – See Business Department section.*

### **AP® Statistics**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 3 or equivalent

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.

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme and IH Integrated Math 3

State Course Code: 02131A000

Proviso Course Code: MAT411139

IB Math emphasizes the applications of math with a focus on statistical techniques. This course is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics (including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus). Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Math: Applications & Interpretation - DP Year 1

State Course Code: 02131A000

Proviso Course Code: MAT412139

This course emphasizes the applications of math with a focus on statistical techniques. It is designed for students of varied mathematical backgrounds and abilities, giving them the opportunity to gain understanding and learn the concepts and techniques to enable them to solve problems in a variety of settings. Students learn important concepts and techniques and gain an understanding of various mathematical topics including number and algebra, descriptive statistics, logic/sets/probability, statistical applications, geometry and trigonometry, mathematical models, intro to differential calculus. Students undertake a project involving the collection of information or the generation of measurements, and the analysis and evaluation of the information or measurements. Additionally, students are required to take the IB examinations in May which include short response and extended response questions.

### **Integrated Math 1 Honors**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test **or** Teacher Recommendation

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

The purpose of this course is to extend the mathematics that students learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

### **Integrated Math 1-S**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test **or** Teacher Recommendation

State Course Code: 02062A000

Proviso Course Code: MAT110162

The purpose of this course is to extend the mathematics that students learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. The (S) instructional model of this course allows for additional pacing built in to meet the academic needs of the students starting with Algebraic Reasoning content and skills interwoven throughout the school year.

**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

The purpose of this course is to extend the mathematics that students learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

**Integrated Math 1 EL Bridging**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 02062A000

Proviso Course Code: MAT809162

The purpose of this course is to extend the mathematics that students learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

**Integrated Math 1 EL Bilingual**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 02062A000

Proviso Course Code: MAT809062

The purpose of this course is to extend the mathematics that students learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

**Integrated Math 2 Honors**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1 Honors or Teacher 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 or equivalent

State Course Code: 02063A000

Proviso Course Code: MAT110063

This course builds upon the foundation established in Integrated Math 1. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

### **Integrated Math 2-S**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1-S or equivalent

State Course Code: 02063A000

Proviso Course Code: MAT101163

This course builds upon the foundation established in Integrated Math 1-S. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. The (S) instructional model of this course allows for additional pacing built in to meet the academic needs of the students.

### **Integrated Math 2 Instructional**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1 Instructional or equivalent

State Course Code: 02063A000

Proviso Course Code: MAT710063

This course builds upon the foundation established in Integrated Math 1. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **Integrated Math 2 EL Bridging**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1 EL Bridging or equivalent. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 02063A000

Proviso Course Code: MAT810163

This course builds upon the foundation established in Integrated Math 1. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **Integrated Math 2 EL Bilingual**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 1 EL Bilingual or equivalent. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 02063A000

Proviso Course Code: MAT810063

This course builds upon the foundation established in Integrated Math 1. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **Integrated Math 3 Honors**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2 Honors or Teacher Recommendation

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 equivalent

State Course Code: 02064A000

Proviso Course Code: MAT111064

This course builds upon the foundation established in Integrated Math 1 and 2. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

### **Integrated Math 3-S**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2-S or equivalent

State Course Code: 02064A000

Proviso Course Code: MAT112164

This course builds upon the foundation established in Integrated Math 1-S and 2-S. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. The (S) instructional model of this course allows for additional pacing built in to meet the academic needs of the students.

### **Integrated Math 3 Instructional**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2 Instructional or equivalent

State Course Code: 02064A000

Proviso Course Code: MAT711064

This course builds upon the foundation established in Integrated Math 1 and 2. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **Integrated Math 3 EL Bilingual**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2 EL Bilingual or equivalent. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 02064A000

Proviso Course Code: MAT811064

This course builds upon the foundation established in Integrated Math 1 and 2. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **Integrated Math 3 EL Bridging**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 2 EL Bridging or equivalent. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 02064A000

Proviso Course Code: MAT811164

This course builds upon the foundation established in Integrated Math 1 and 2. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and

conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **Pre-Calculus Honors**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Integrated Math 3 Honors or Teacher Recommendation

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 or equivalent (Can be taken concurrently)

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.

### **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: At least 3.0 Math credits and Administrator Approval

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.

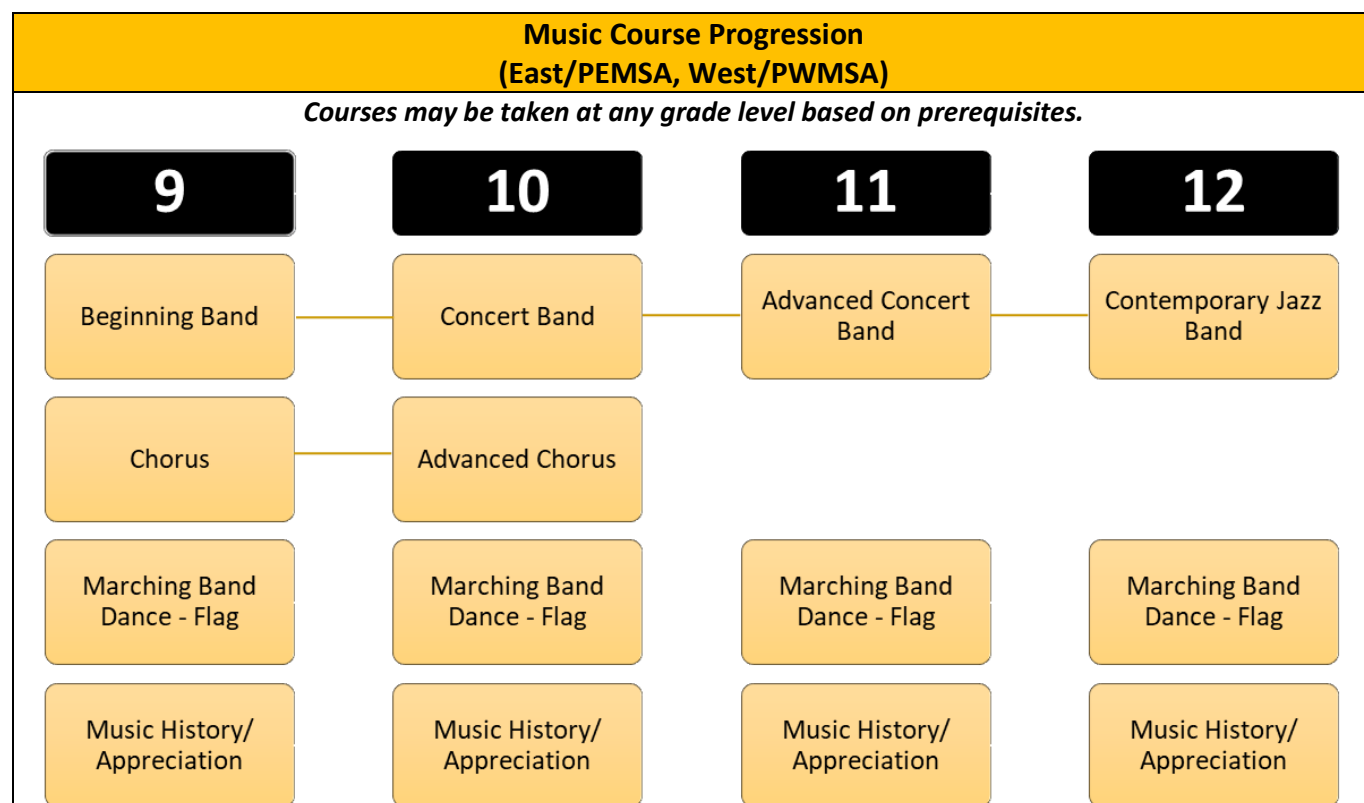
## Music (mus)

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.

Credits earned in Music courses fulfill graduation requirements for Fine Arts or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Advanced Chorus		X	X	X	1.0	Chorus, Audition, <u>or</u> Teacher Recommendation
Advanced Concert Band			X	X	1.0	Concert Band, Audition, <u>or</u> Teacher Recommendation
Beginning Band	X	X	X	X	1.0	None
Chorus	X	X	X	X	1.0	None
Concert Band	X	X	X	X	1.0	Beginning Band, Audition, <u>or</u> Teacher Recommendation
Contemporary Jazz Band			X	X	1.0	Advanced Concert Band, Audition, <u>or</u> Teacher Recommendation
Dance - Flag	X	X	X	X	1.0	Audition <u>and/or</u> Teacher Recommendation
Marching Band	X	X	X	X	1.0	Audition <u>and/or</u> Teacher Recommendation
Music History/Appreciation	X	X	X	X	1.0	None

<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, Audition, or Teacher Recommendation

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, Audition, or Teacher Recommendation

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, Audition, or Teacher Recommendation

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, Audition, or Teacher Recommendation

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 and/or Teacher Recommendation

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 and/or Teacher Recommendation

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.

## NJROTC (NAV)

The Naval Junior Reserve Officers Training Corp (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.

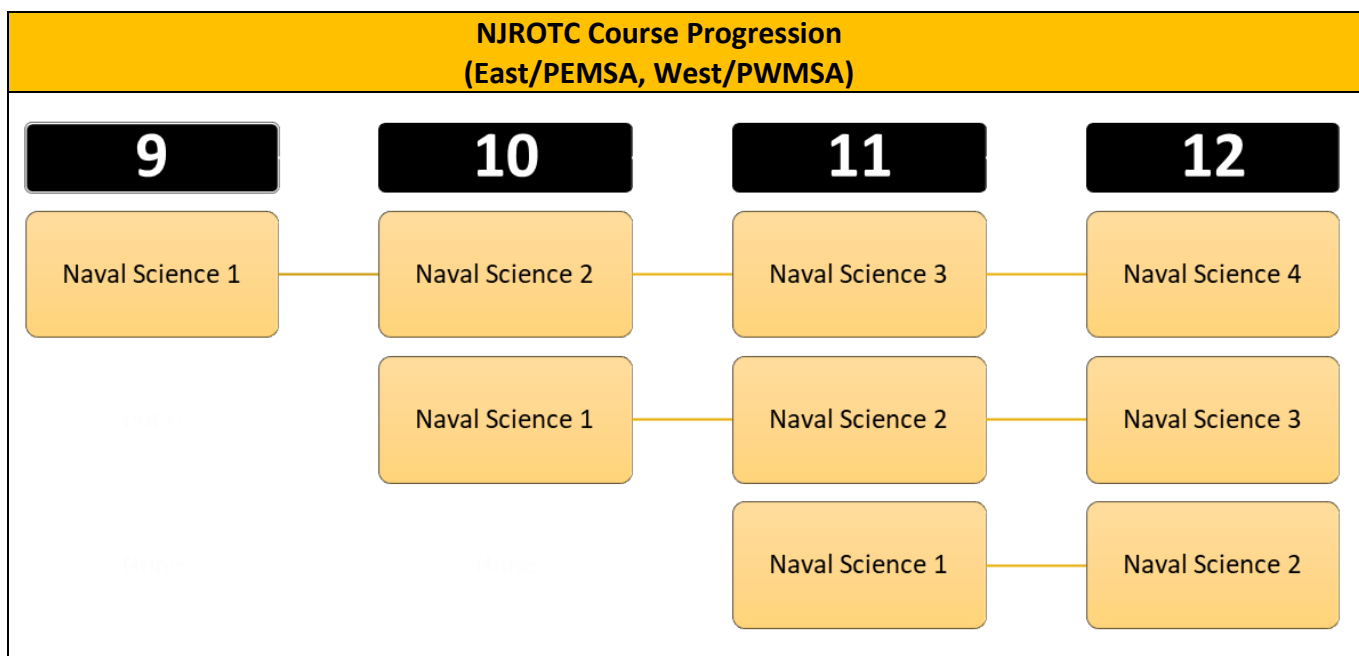
### Participation in the NJROTC:

- 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

Credits earned in NJROTC courses fulfill graduation requirements for Physical Education. Naval Science 1 fulfills the graduation requirement for Health Education.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Naval Science 1	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: 9-11

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 09101A000

Proviso Course Code: NAV113101

Naval Science 1 introduces students to the meaning of citizenship, the elements of leadership, and the value of scholarship in reaching life goals; promote an awareness of the importance of a healthy lifestyle, including physical fitness, a proper diet, and managing stress; drug awareness; providing the principles of health and first aid, geography, and survival skills; and an overview of Naval ships and aircraft. These elements are pursued at the fundamental level. This course meets the graduation requirement for Health Education.

#### 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 (RTS)

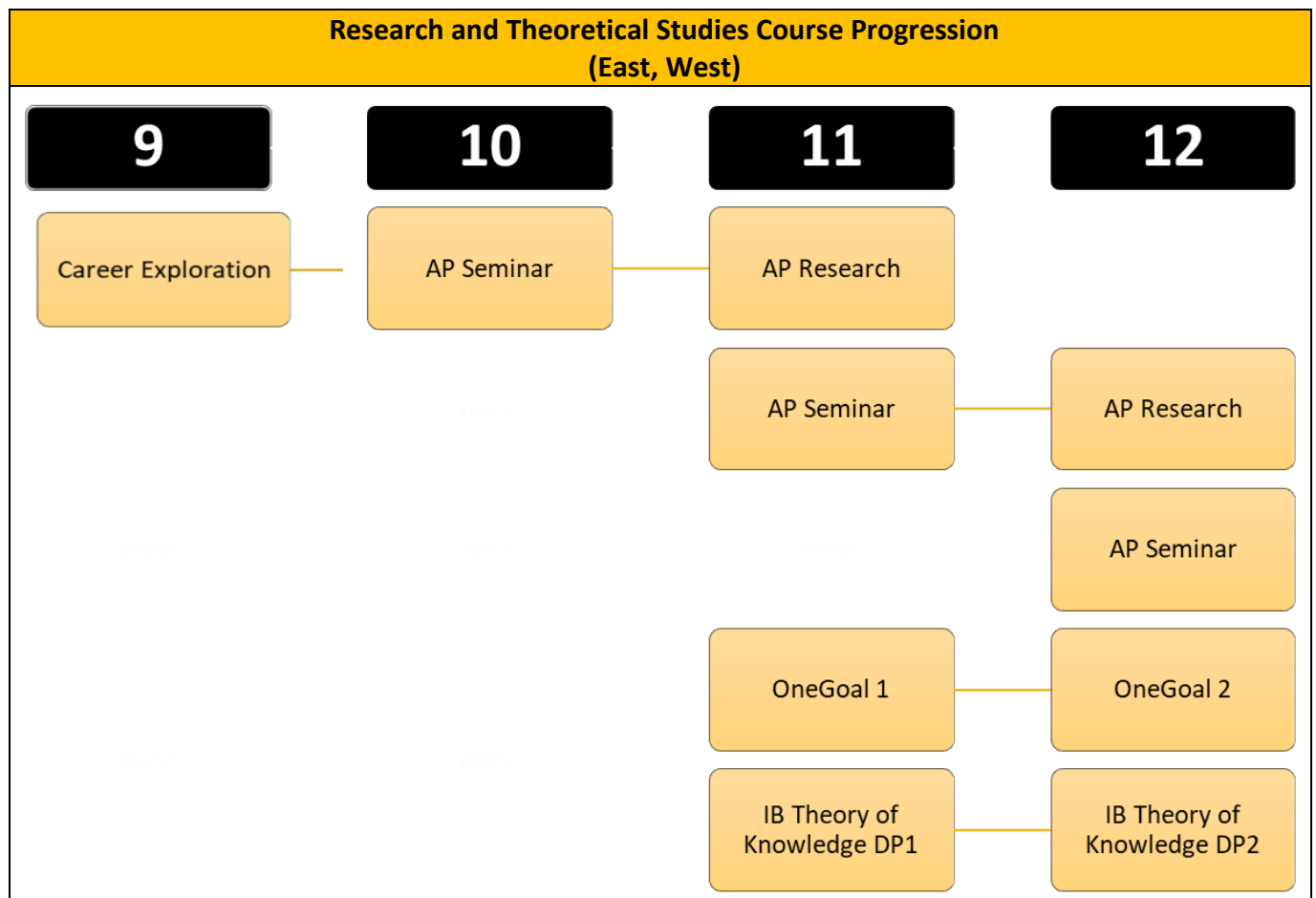
These courses offer students opportunities in academic research and preparation for college and career.

Credits earned in Research and Theoretical Studies courses fulfill graduation requirements for Research and Theoretical Studies or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Career Exploration*	X				1.0	None
OneGoal Year 1			X		1.0	None
OneGoal Year 2				X	1.0	OneGoal Year 1
AP Seminar		X	X	X	1.0	At least 1.0 English credits / Part of AP Capstone Program (except Grade 12)
AP Research			X	X	1.0	AP Seminar / Part of AP Capstone Program
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

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

\* This course leads into CTE pathways in the Applied Technology, Business, Family & Consumer Science, and Engineering & Technology departments.



## Course Descriptions (in alphabetical order)

### **AP® Research**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP Seminar / Must be taken concurrently with a required English course / Part of AP® Capstone Program

State Course Code: 01106A000

Proviso Course Code: RTS312112

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

### **AP® Seminar**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 1.0 English credits / Must be taken concurrently with a required English course / Part of AP® Capstone Program (except Grade 12)

State Course Code: 22107A000

Proviso Course Code: RTS313110

AP® 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.

### **Career Exploration**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 22151A001

Proviso Course Code: RTS109151

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose 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 the foundational class for all CTE pathways.

### **IB Theory of Knowledge - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme

State Course Code: 04304A000

Proviso Course Code: RTS411304

What do we know? How do we know that we know it? What are the different ways in which we know? This course uses critical thinking and inquiry-based instruction to delve deeply into the nature and process of knowing. Students explore the distinction between personal and shared knowledge, identify eight different ways of knowing and connect them to areas of knowledge.

### **IB Theory of Knowledge - DP Year 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Theory of Knowledge - DP Year 1

State Course Code: 04304A000

Proviso Course Code: RTS412304

This course continues the exploration of the nature of knowledge and ways of knowing as well as the development of students' critical and analytic skills. Students are required to complete an essay on an IB title (from a list of six prescribed by the IB) and are required to present upon a knowledge question raised by a substantive real-life situation of their own interest. The presentation can be done individually or in a small group (3 person maximum).

### **OneGoal® Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 22106A001

Proviso Course Code: RTS111106

OneGoal® is a two-year program (11<sup>th</sup>-12<sup>th</sup> grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

### **OneGoal® Year 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: One Goal Year 1

State Course Code: 22106A002

Proviso Course Code: RTS112106

OneGoal® is a two-year program (11<sup>th</sup>-12<sup>th</sup> grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal's mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

## SCIENCE (SCI)

The Science Department offers opportunities for students to explore the sciences (Biology, Chemistry, Physics, Earth Science, Anatomy & Physiology, Astronomy & Space Science, and Forensics). 3 credits are required with at least two years in a laboratory science.

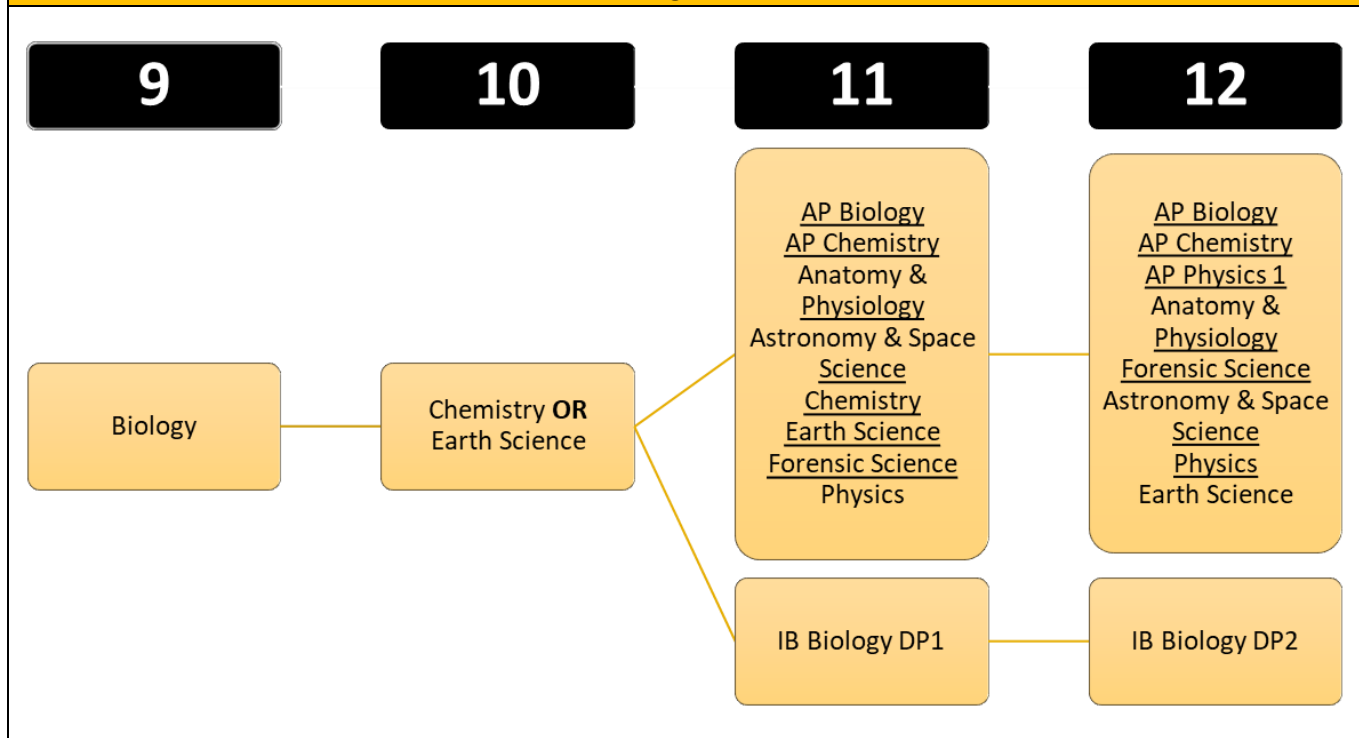
Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Anatomy & Physiology			X	X	1.0	Biology <u>and</u> Chemistry
Astronomy & Space Science			X	X	1.0	None
Biology Honors	X				1.0	Placement Test <u>or</u> Teacher Recommendation
Biology	X				1.0	None
Biology Instructional	X				1.0	None (Diverse Learners will be placed based upon alignment to their IEP.)
Biology EL Bridging	X				1.0	Placement by Department of English Learners
Biology EL Bilingual	X				1.0	Placement by Department of English Learners
Chemistry Honors		X			1.0	Biology Honors <u>or</u> Teacher Recommendation
Chemistry		X	X		1.0	Biology
Chemistry Instructional		X	X		1.0	Biology Instructional
Chemistry EL Bridging		X	X		1.0	Biology EL Bridging
Chemistry EL Bilingual		X	X		1.0	Biology EL Bilingual
Earth Science		X	X	X	1.0	Biology
Earth Science Instructional		X	X	X	1.0	Biology Instructional
Earth Science EL Bridging		X	X	X	1.0	Biology EL Bridging
Earth Science EL Bilingual		X	X	X	1.0	Biology EL Bilingual
Forensic Science			X	X	1.0	Biology <u>and</u> Chemistry
Physics			X	X	1.0	Biology <u>and</u> Chemistry
Physics Honors			X	X	1.0	Biology Honors <u>and</u> Chemistry Honors, <u>or</u> Teacher Recommendation
AP Biology <sup>^</sup>			X	X	1.0	Biology <u>and</u> Chemistry
AP Chemistry <sup>^</sup>			X	X	1.0	Biology <u>and</u> Chemistry
AP Physics 1				X	1.0	Physics
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

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

<sup>^</sup> These courses may be offered on a yearly rotating schedule.

## Science Course Progression (East/PEMSA, West/PWMSA)

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



### Course Descriptions (in alphabetical order)

#### **Anatomy & Physiology**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology **and** Chemistry

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 **and** Chemistry

State Course Code: 03056A000

Proviso Course Code: SCI133056

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

**AP® Chemistry**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology **and** Chemistry

State Course Code: 03106A000

Proviso Course Code: SCI313106

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

**AP® Physics 1**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Physics

State Course Code: 03156A000

Proviso Course Code: SCI312165

Designed by the College Board, AP® Physics 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® Exam. Fee: Cost of the AP® 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.

**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 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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

**Biology EL Bridging**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5 -4.7.

State Course Code: 03051A000

Proviso Course Code: SCI809151

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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

**Biology EL Bilingual**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 03051A000

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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

**Chemistry Honors**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology Honors or Teacher Recommendation

State Course Code: 03101A000

Proviso Course Code: SCI210101

This course 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. Chemistry Honors is heavily oriented toward laboratory investigation and critical thinking skills.

### **Chemistry**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology

State Course Code: 03101A000

Proviso Course Code: SCI110101

This course involves studying the composition, properties, and reactions of substances. The class explores such concepts as the behaviors of solids, liquids, and gases, acid/base and oxidation/reduction reactions, atomic structure, chemical formulas and equations, thermochemistry, and nuclear chemistry.

### **Chemistry Instructional**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology Instructional

State Course Code: 03101A000

Proviso Course Code: SCI710101

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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **Chemistry EL Bridging**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology EL Bridging. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5 to 4.7.

State Course Code: 03101A000

Proviso Course Code: SCI813201

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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **Chemistry EL Bilingual**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology EL Bilingual. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 03101A000

Proviso Course Code: SCI813101

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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

#### **Earth Science**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology

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

State Course Code: 03001A000

Proviso Course Code: SCI713001

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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

#### **Earth Science EL Bridging**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology EL Bridging. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 03001A000

Proviso Course Code: SCI813101

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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

#### **Earth Science EL Bilingual**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology EL Bilingual. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 03001A000

Proviso Course Code: SCI813001

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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **Forensic Science**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology **and** Chemistry

State Course Code: 15055A000

Proviso Course Code: SCI113214

This course investigates the history of forensic science, methods of investigating a crime scene, types of evidence, analysis of fingerprints, hair, fibers, drugs, glass, soil, and blood. In addition, students explore agencies that offer forensics services typical of labs and careers in forensic science. The class relies heavily on labs, text readings of forensic journals, and videos.

### **IB Biology - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme

State Course Code: 03057A000

Proviso Course Code: SCI411057

In this course, students study the living world from the molecular level through the ecosystem level and investigate the way living systems function. Through the study of sciences, students become aware of how scientists work and communicate with each other. They approach the scientific method in a practical manner although possibly in different forms. Through the overarching theme of the "Nature of Science," their knowledge and skills are applied to the context of the way science and scientists work in the 21<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.

### **Physics Honors**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Biology Honors **and** Chemistry Honors, **or** 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

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.

## SOCIAL SCIENCE (soc)

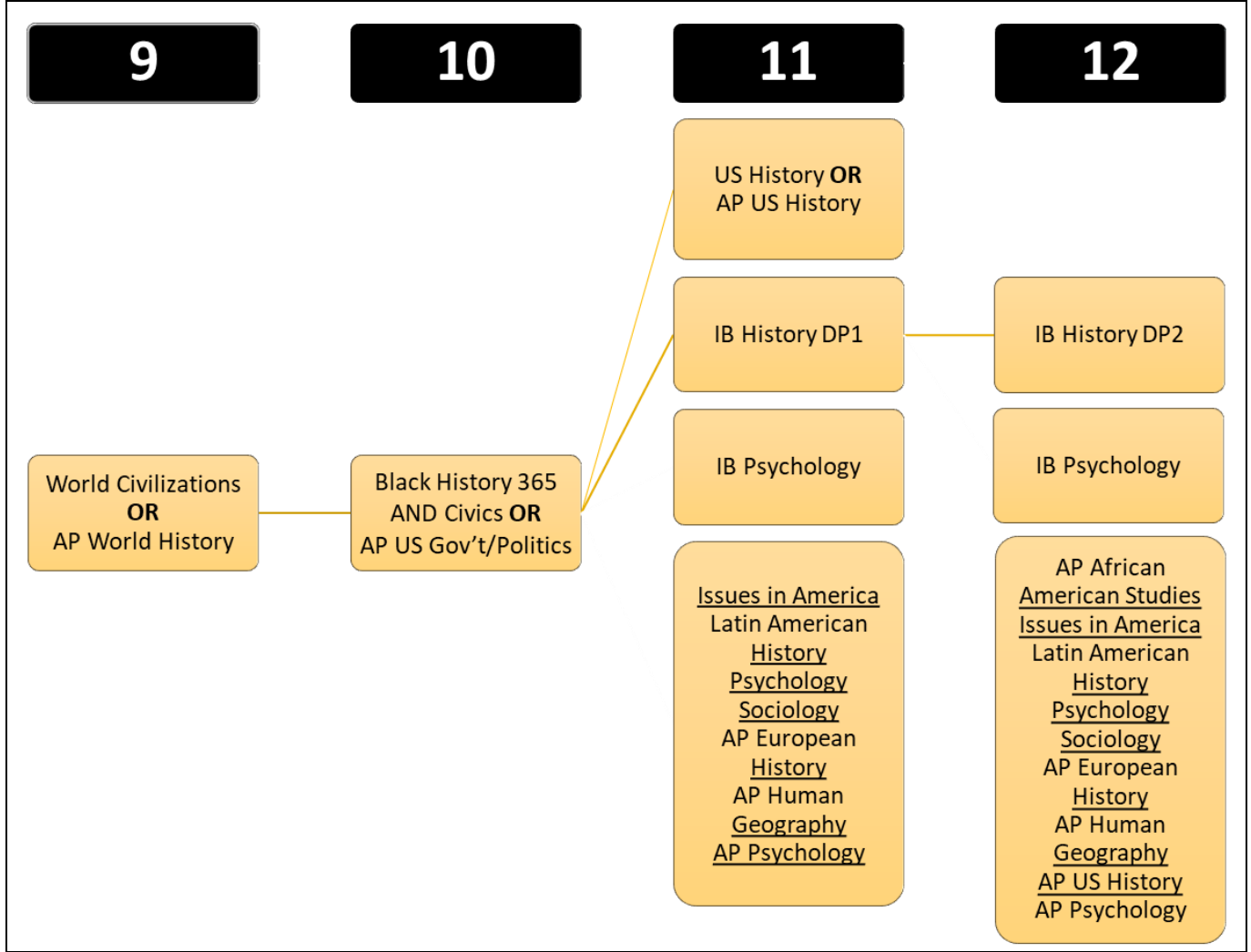
The Social Science Department offers opportunities for students in the social sciences and humanities. 3 credits are required. US History, Black History 365, and Civics are required. AP US Government & Politics meets the Civics requirement. AP African American Studies meets the Black History requirement.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Black History 365 Honors		X			0.5	World Civilizations Honors
Black History 365		X			0.5	World Civilizations
Black History 365 Instructional		X			0.5	World Civilizations Instructional
Black History 365 EL Bridging		X			0.5	World Civilizations EL Bridging
Black History 365 EL Bilingual		X			0.5	World Civilizations EL Bilingual
Civics Honors		X		X	0.5	World Civilizations Honors
Civics		X		X	0.5	World Civilizations
Civics Instructional		X		X	0.5	World Civilizations Instructional
Civics EL Bridging		X		X	0.5	World Civilizations EL Bridging
Civics EL Bilingual		X		X	0.5	World Civilizations EL Bilingual
Issues in America			X	X	1.0	World Civilizations
Latin American History			X	X	0.5	World Civilizations
Law & Society			X	X	0.5	World Civilizations
Psychology			X	X	0.5	World Civilizations
Sociology			X	X	0.5	World Civilizations
US History Honors			X		1.0	World Civilizations Honors
US History			X		1.0	World Civilizations
US History Instructional			X		1.0	World Civilizations Instructional
US History EL Bridging			X		1.0	World Civilizations EL Bridging
US History EL Bilingual			X		1.0	World Civilizations EL Bilingual
World Civilizations Honors	X				1.0	Placement Test
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 Bridging	X				1.0	None
World Civilizations EL Bilingual	X				1.0	None
AP African American Studies				X	1.0	At least 2.0 Social Science credits
AP European History			X	X	1.0	At least 2.0 Social Science credits
AP Human Geography			X	X	1.0	At least 2.0 Social Science credits
AP Psychology			X	X	1.0	At least 2.0 Social Science credits
AP US Government & Politics		X			1.0	At least 1.0 Social Science credits
AP US History			X	X	1.0	At least 2.0 Social Science credits
AP World History: Modern	X				1.0	None
IB History - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB History - DP Year 2				X	1.0	IB History - DP Year 1
IB Psychology			X	X	1.0	Acceptance into the IB Diploma or Certificate Programme

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

## Social Science Course Progression (East/PEMSA, West/PWMSA)

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



### Course Descriptions (in alphabetical order)

#### **AP® African American Studies**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: TBD by ISBE

Proviso Course Code: SOC312107

**AP® African American Studies** is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course satisfies the Black History 365 graduation requirement.

**AP® European History**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04056A000

Proviso Course Code: SOC313056

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. Additionally, this course helps students develop an understanding of principal themes in modern European history in order to analyze historical evidence and express that understanding and analysis in writing. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

**AP® Human Geography**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04004A000

Proviso Course Code: SOC313004 (*If Dual Credit: SOC513004*)

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: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04256A000

Proviso Course Code: SOC313256

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: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 1.0 Social Science credits

State Course Code: 04157A000

Proviso Course Code: SOC310157

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. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP® US History**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04104A000

Proviso Course Code: SOC313104

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: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 04057A000

Proviso Course Code: SOC309067

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 Honors**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations Honors

State Course Code: 04107A000

Proviso Course Code: SOC210108

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 Honors includes more depth and at a faster pace than Black History 365.

### **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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **Black History 365 EL Bridging**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations EL Bridging. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 04107A000

Proviso Course Code: SOC810207

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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **Black History 365 EL Bilingual**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations EL Bilingual. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

**Civics Honors**

Grade: 10, 12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations Honors

State Course Code: 04161A000

Proviso Course Code: SOC210161

This course examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government with powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Civics Honors includes more depth and at a faster pace than Civics.

**Civics**

Grade: 10, 12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations

State Course Code: 04161A000

Proviso Course Code: SOC110161

This course examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

**Civics Instructional**

Grade: 10, 12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations Instructional

State Course Code: 04161A000

Proviso Course Code: SOC710161

This course examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

**Civics EL Bridging**

Grade: 10, 12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations EL Bridging. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 04161A000

Proviso Course Code: SOC810261

This course examines 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Instruction primarily occurs in English with native language support as needed.

### **Civics EL Bilingual**

Grade: 10, 12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations EL Bilingual. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 04161A000

Proviso Course Code: SOC810161

This course examines 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

### **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: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme

State Course Code: 04257A000

Proviso Course Code: SOC413257

Psychology is the systemic study of behavior and mental processes. With roots in both natural and social science, it uses a variety of research methodologies to develop an understanding of modern society. Students examine the biological, cognitive, and sociocultural influences on human behavior and explore various ethical implications of psychological research. Students become aware of the benefits of psychological research, follow ethical practices in their own research, and study alternative explanations of behavior. They are required to conduct an experiment and produce a report on it. Additionally, students are required to sit the IB examinations in May.

### **Issues in America**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: World Civilizations

State Course Code: 04106A000

Proviso Course Code: SOC113199

Issues in America studies the political, economic, and social issues facing the United States, with or without an emphasis on state and local issues. This course may focus on current issues or may examine selected issues that span throughout the 20<sup>th</sup> Century to the present.

### **Latin American History**

Grade: 11-12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations

State Course Code: 04155A000

Proviso Course Code: SOC113299

Latin American History examines the history, politics, society, and culture of countries located in Latin America. This course may focus primarily on the history of individuals and groups of people in Latin America and/or take a concentrated focus on the contemporary issues affecting Latin Americans and Hispanics.

### **Law & Society**

Grade: 11-12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations

State Course Code: 04163A000

Proviso Course Code: SOC113165

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: 11-12

Length: 1 semester

Credit: 0.5

Prerequisite: World Civilizations

State Course Code: 04258A000

Proviso Course Code: SOC113258

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 Honors**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: World Civilizations Honors

State Course Code: 04101A000

Proviso Course Code: SOC21110

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. 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 Honors covers each unit of US History with more depth and at a faster pace than US History.

### **US History**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: World Civilizations

State Course Code: 04101A000

Proviso Course Code: SOC111101

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. 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 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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **US History EL Bridging**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: World Civilizations EL Bridging. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 04101A000

Proviso Course Code: SOC813201

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. 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

### **US History EL Bilingual**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: World Civilizations EL Bilingual. Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

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. 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

### **World Civilizations Honors**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test

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

This course 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 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. Diverse learners will receive direct instruction and daily interventions by a Special Education teacher.

### **World Civilizations EL Bridging**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 3.5-4.7.

State Course Code: 04051A000

Proviso Course Code: SOC809151

This course 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. Instruction in EL Bridging courses primarily occurs in English with native language support as needed.

**World Civilizations EL Bilingual**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement based on ACCESS/WIDA Screener English language proficiency assessment composite scores of 1.0-3.4.

State Course Code: 04051A000

Proviso Course Code: SOC809051

This course 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. Instruction in EL Bilingual courses primarily occurs in Spanish with an emphasis on the development of cognates and academic vocabulary in English.

## SPECIAL EDUCATION FOR DIVERSE LEARNERS (DL)

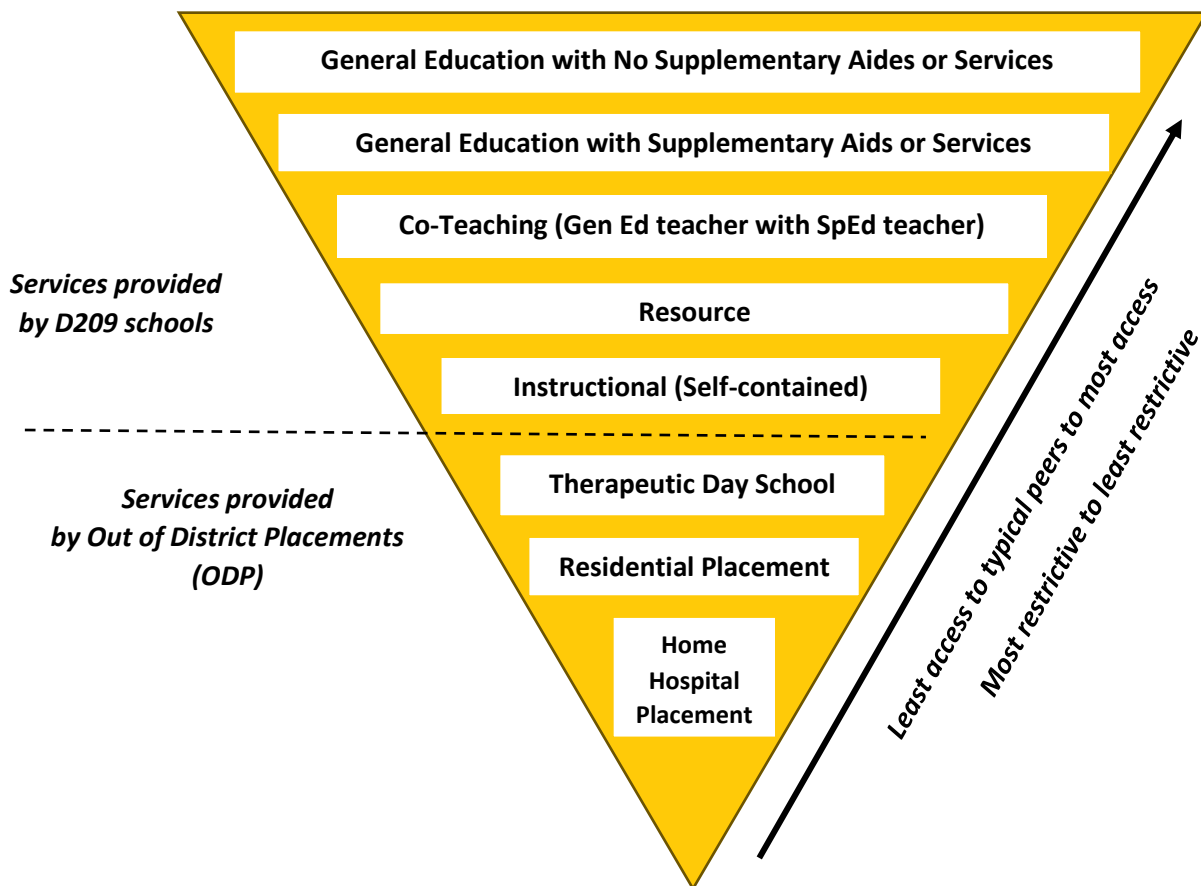
Proviso Township High School District 209 is committed to providing a comprehensive and inclusive special education program that meets the diverse needs of all students with disabilities. Our goal is to ensure that every student receives the support and services they need to succeed academically, socially, and emotionally in a welcoming and respectful environment.

We offer a full continuum of services designed to meet their individualized needs of students, as outlined in their Individualized Education Plan (IEP). The student services department offers a full continuum of services and placements from support in the general education environment to specialized instructional courses, and /or related services. The primary focus and goal of the department are to assist students in becoming independent effective self-advocates.

Our dedicated team of special education teachers, related service providers, and support staff work closely with students, parents, and general education teachers to ensure that each student's IEP is followed, their progress is monitored, and their unique needs are met. Parent involvement is a cornerstone of our program, and we encourage ongoing collaboration between families and the school to promote the success of each student.

At Proviso Township High Schools District 209, we are committed to fostering a supportive and inclusive educational experience where all students can reach their full potential.

### Continuum of Special Education Services



## **Life Skills Program**

### **Purpose**

The purpose of the Life Skills Program is to provide instruction within a 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 IEP Team that a functional curriculum and life skills services are appropriate.
- Determination by the 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 IEP Team's determination that a different program would better address the student's needs.
- Students will exit the Life Skills Program upon acceptance of a high school diploma.
- Students will exit the Life Skills Program if the 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 COURSES

Course Name <sup>##</sup>	9	10	11	12	Credit	Prerequisite <sup>#</sup>
English 1 Instructional	X				1.0	None (Alignment to IEP)
English 2 Instructional		X			1.0	English 1 Instructional
English 3 Instructional			X		1.0	English 2 Instructional
English 4 Instructional				X	1.0	English 3 Instructional
Learning Strategies	X	X	X	X	1.0	Alignment to IEP / Elective credit only
Strategic Reading	X	X	X	X	1.0	Placement by the Department of English Learners / Elective credit only
Integrated Math 1 Instructional	X				1.0	None (Alignment to IEP)
Integrated Math 2 Instructional		X			1.0	IM1 Instructional
Integrated Math 3 Instructional			X		1.0	IM2 Instructional
Biology Instructional	X				1.0	None (Alignment to IEP)
Chemistry Instructional		X			1.0	Biology Instructional
Earth Science Instructional		X	X	X	1.0	Biology Instructional
World Civilizations Instructional	X				1.0	None (Alignment to IEP)
Black History 365 Instructional <sup>+</sup>		X			0.5	World Civilizations Instructional
Civics Instructional		X			0.5	World Civilizations Instructional
US History Instructional			X		1.0	World Civilizations Instructional
English 9/10 Functional <sup>*</sup>	X	X			1.0	Alignment to IEP
English 11/12 Functional <sup>*</sup>			X	X	1.0	Alignment to IEP
Math 9/10 Functional <sup>*</sup>	X	X			1.0	Alignment to IEP
Math 11/12 Functional <sup>*</sup>			X	X	1.0	Alignment to IEP
Science 9/10 Functional <sup>*</sup>	X	X			1.0	Alignment to IEP
Science 11/12 Functional <sup>*</sup>			X	X	1.0	Alignment to IEP
Social Science 9/10 Functional <sup>*</sup>	X	X			1.0	Alignment to IEP
Social Science 11/12 Functional <sup>*</sup>			X	X	1.0	Alignment to IEP
Adaptive Physical Education	X				0.5	Medically required / Alignment to IEP
Adaptive Physical Education		X	X	X	1.0	Medically required / Alignment to IEP
Health Education	X				0.5	None (General Education course)
Career Exploration Functional <sup>*</sup>	X	X			1.0	Alignment to IEP
Employability Skills <sup>*</sup>		X	X		1.0	Alignment to IEP
Vocational Cooperative Education <sup>*</sup>			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> These courses are exclusively for the Life Skills Program.

<sup>##</sup> Course Descriptions can be found in the corresponding Department sections of this document.

## **Life Skills Course Descriptions (sequentially by department)**

### **ENGLISH COURSES**

#### **English 9/10 Functional**

Grade: 9/10

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 01001A000/01002A000

Proviso Course Code: LIF713011

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

#### **English 11/12 Functional**

Grade: 11/12

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 01003A000/01004A000

Proviso Course Code: LIF713021

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. English 11/12 Functional is a required junior-level course designed to introduce students to American literature and provide students with a foundation for further literary study at the collegiate level. Students explore a variety of literature while answering essential questions that provide a framework for relating the literature to their worlds. Units of study are divided into the following time periods: early America, 18<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. Preparing students to be both career and college ready, this in-depth survey course requires students to write critical and comparative analyses through novels, poetry, drama, and film and real-world applications. Enrichment opportunities are provided to students to prepare them for college level writing through research. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **MATH COURSES**

#### **Math 9/10 Functional**

Grade: 9/10

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 02062A000

Proviso Course Code: LIF713062

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

### **Math 11/12 Functional**

Grade: 11/12

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 02064A000

Proviso Course Code: LIF713064

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Math 11/12 Functional completes the course sequence of Math 9/10 Functional and is designed to further explore the principles introduced in Math 9/10 Functional in preparation for enrolling in advanced math courses. Students expand their knowledge of linear, exponential, and quadratic functions to polynomial, rational, and trigonometric functions. They extend their previous work with circles to other conic sections, their understanding of trigonometry to all triangles, and experiences with data as they solve sophisticated problems. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

## **SCIENCE COURSES**

### **Science 9/10 Functional**

Grade: 9/10

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 03051A000/03001A000

Proviso Course Code: LIF713012

This course is geared for diverse learners who require direct instruction and daily interventions by a Special Education teacher. Science 9/10 Functional includes the fundamental concepts of life and life processes. The course includes but is not limited to such topics as cell structure and function, plant and animal physiology, genetics, and taxonomy. This course also offers insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this class explores oceanography, geology, astronomy, meteorology, and geography. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

### **Science 11/12 Functional**

Grade: 11/12

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 03101A000/03151A000

Proviso Course Code: LIF713121

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

## **SOCIAL SCIENCE COURSES**

### **Social Science 9/10 Functional**

Grade: 9/10

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 04051A000

Proviso Course Code: LIF713052

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

### **Social Science 11/12 Functional**

Grade: 11/12

Length: 2 semesters

Credit: 1.0

Prerequisite: Diverse Learners will be placed based upon alignment to their IEP.

State Course Code: 04101A000

Proviso Course Code: LIF713101

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

## **WELLNESS CLASSES**

### **TRANSITION COURSES**

#### **Functional Career Exploration**

Grade: 9-10

Length: 2 semesters

Credit: 1.0

Prerequisite: Alignment to IEP

State Course Code: 22151A000

Proviso Course Code: LIF713151

Career Exploration helps students identify and evaluate personal goals, priorities, aptitudes, and interests to help them make informed decisions about their careers. This course exposes students to various sources of information on career and training options and may also assist them in developing job search and employability skills. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

#### **Employability Skills**

Grade: 10-11

Length: 2 semesters

Credit: 1.0

Prerequisite: Alignment to IEP

State Course Code: 22152A000

Proviso Course Code: LIF713152

Employability Skills helps students match their interests and aptitudes to career options with a focus on using employment information effectively, acquiring and improving job-seeking and interview skills, composing job applications and resumes, and learning the skills needed to remain in an advance within the workplace. Course content may also include consumer education and personal money management topics. This course is part of the Life Skills program. Content will be modified to the students' instructional level.

#### **Vocational Cooperative Education**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Alignment to IEP

State Course Code: 22998A000

Proviso Course Code: LIF713998

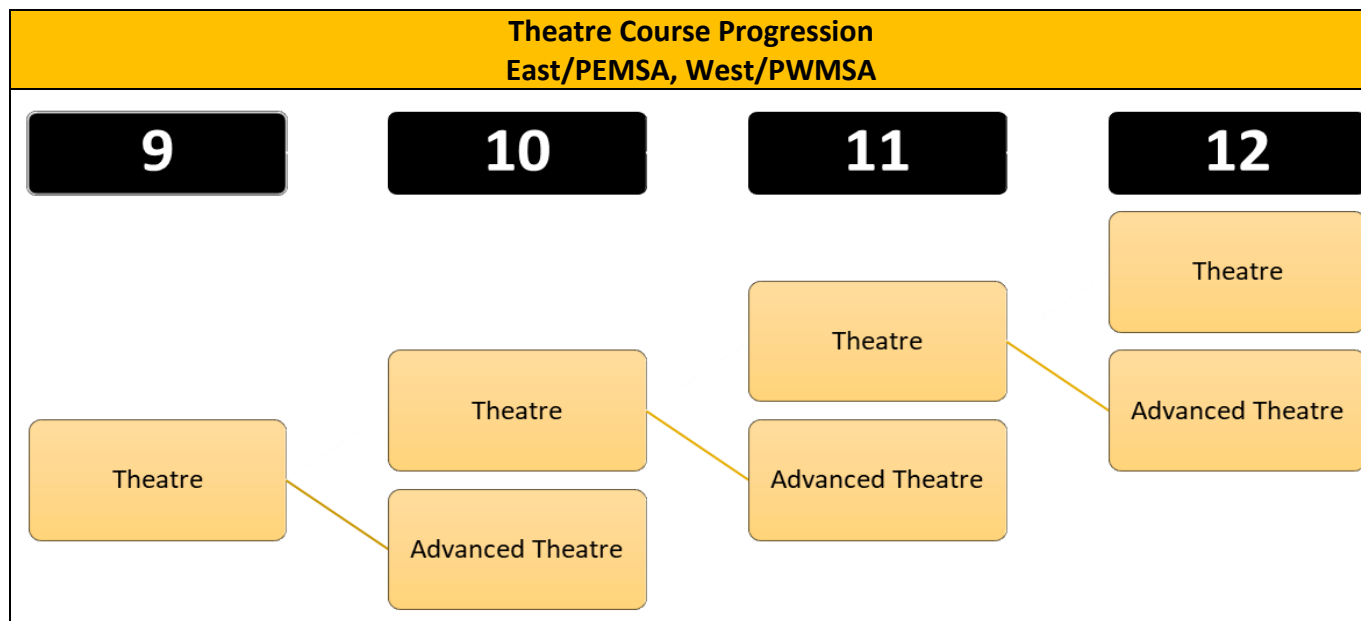
This course provides students with work experience in a field related to their interests. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). Vocational Cooperative Education may include classroom activities as well, involving further study of the field or discussion of experiences that students encounter in the workplace. This course is part of the Life Skills program. This course satisfies the consumer education state requirement. Content will be modified to the students' instructional level.

## THEATRE (THE)

The Theatre Department provides opportunities for students to explore the performing arts. Credits earned in Theatre courses fulfill graduation requirements for Fine Arts or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Advanced Theatre		X	X	X	1.0	Theatre, Audition, <u>or</u> Teacher Recommendation
Theatre	X	X	X	X	1.0	None

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



### Course Descriptions (in alphabetical order)

#### Advanced Theatre

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Theatre, Audition, or Teacher Recommendation

State Course Code: 05053A000

Proviso Course Code: THE113055

In this course, students continue to develop their skills in acting, play production, and creative writing. They present one public performance of a play or other scripted performance each semester.

#### Theatre

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None/Must be taken in concurrence with required English course or equivalent

State Course Code: 05052A000

Proviso Course Code: THE113051

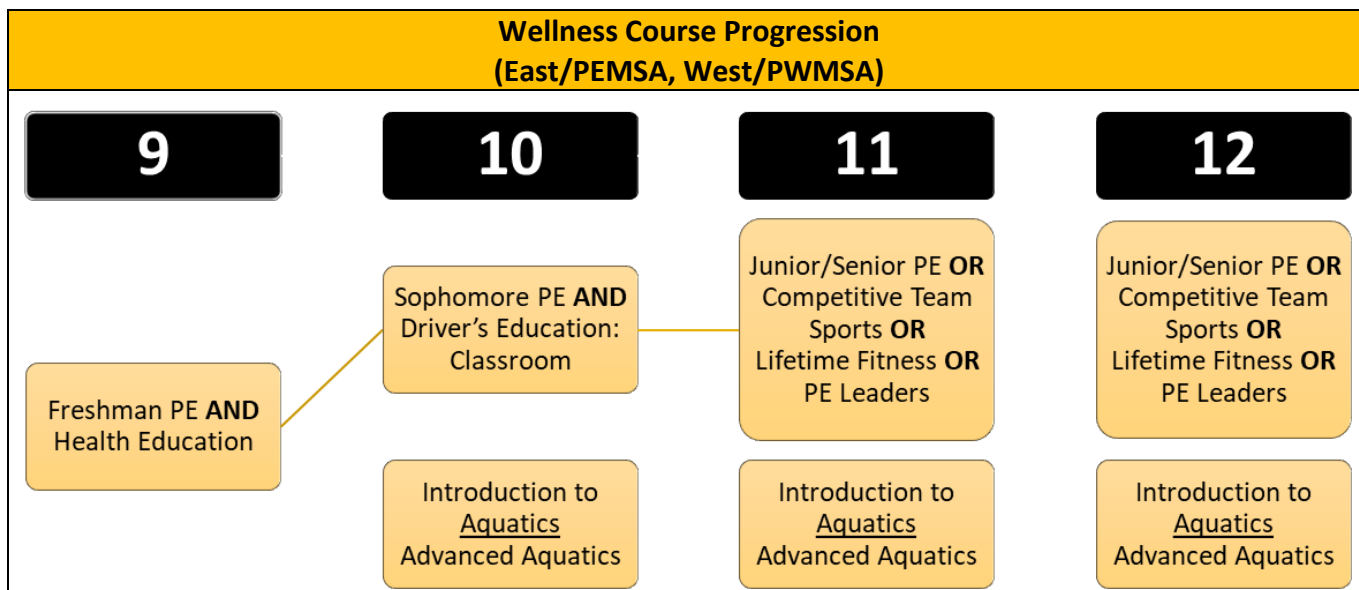
This course is an introduction to theatre and basic acting and designed to increase students' understanding and appreciation of theatre. Principles of improvisation, theatre history, and theatre as an art form are covered during the first semester. Stage blocking, monologues, ensemble acting, short dramas, 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 (WEL)

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

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
Adaptive Physical Education	X				0.5	Medically required / Alignment to IEP
Adaptive Physical Education		X	X	X	1.0	Medically required / Alignment to IEP
Advanced Aquatics		X	X	X	0.5	Basic swimming skills
Competitive Team Sports			X	X	1.0	Freshman Physical Education or equivalent
Driver's Education: In the Classroom		X	X	X	0.5	Must receive a passing grade in at least eight (8) semester courses during the previous two (2) semesters prior to enrolling in the Driver's Education program <b>and</b> must have Sophomore, Junior, or Senior standing
Driver's Education: Behind the Wheel		X	X	X	0	15 years of age, Driver's Education: In the Classroom, <b>and</b> Driving Permit
Freshmen Physical Education	X				0.5	None
Health Education	X				0.5	None
Introduction to Aquatics		X	X	X	0.5	Passing grade in previous semester of PE
Junior/Senior Physical Education			X	X	1.0	Sophomore Physical Education or equivalent
Lifetime Fitness			X	X	1.0	Freshman <b>and</b> Sophomore Physical Education or equivalents
PE Leaders			X	X	1.0	Sophomore Physical Education with an A or B, Teacher Recommendation, <b>and</b> Application
Sophomore Physical Education		X			0.5	Freshman Physical Education or equivalent

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



### Course Descriptions (in alphabetical order)

#### Adaptive Physical Education

Grade: 9-12

Length: 1 semester (grade 9) / 2 semesters (grades 10-12)

Credit: 0.5 (grades 9) / 1.0 (grades 10-12)

Prerequisite: Medically required / Alignment to IEP

State Course Code: 08007A000

Proviso Course Code: WEL113049

Adaptive PE classes are for students with permanent or 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 sports activities.

#### 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: 11-12

Length: 2 semesters

Credit: 1.0

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 (BTW)**

Grade: 10-12

Length: 6 hours

Credit: 0 (Non-credit bearing course)

Prerequisite: 15 years of age, Driver's Education: In the Classroom, **and** Driving Permit

State Course Code: N/A

Proviso Course Code: WEL610152

Driver's Education: Behind-the-Wheel (BTW) 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 (BTW) instruction with their parent/guardian and the 6-hour behind-the-wheel school phase either before or after school, during the school day, on weekends, or during the summer. Fees: \$150.00 user fee payable to Proviso Township High Schools and a \$20.00 application fee for permit payable to the Secretary of State which covers the cost of the permit and a 3-year driver's license (if the student does not currently hold a valid permit). All fees are subject to change. Two or more absences will disqualify a student from completing BTW; in turn, the student will be dropped from the course and put at the bottom of the waitlist. Students will not be allowed to drive without a permit or glasses when glasses are required. Being unable to drive will count as an absence.

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

Grade: 10-12

Length: 1 semester

Credit: 0.5

Prerequisite: Must receive a passing grade in at least eight (8) semester courses during the previous two (2) semesters prior to enrolling in the Driver's Education program **and** must have Sophomore, Junior, or Senior standing

State Course Code: 08151A000

Proviso Course Code: WEL610151

This 3-phased course is based on an integrated curriculum of classroom theory, simulation activities, and actual behind-the-wheel (BTW) experience in a dual-controlled vehicle (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 safe and legal operation of a vehicle. At the beginning of the course, students will receive their permit, which must be held a minimum of nine (9) months (plus 1 day) before they can be issued a license. The permit is valid for two (2) years from the date of issue. The Illinois Secretary of State will allow any student age 15-17 to obtain their permit within 30 days of starting an approved Driver's Education course. Sophomores enrolling in first semester must be born on or before 03/15 of the year the course begins and those born on or after 03/16 of that same year will be enrolled in second semester unless circumstances based on need warrant prior consideration. These cut-off dates may vary based on enrollment numbers with priority being given to the oldest students. Repeat enrollment may be restricted to summer sessions only. Fees: \$20.00 application fee for permit payable to the Secretary of State which covers the cost of the permit and a 3-year driver's license. All fees are subject to change.

#### **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

Length: 1 semester

Credit: 0.5

Prerequisite: None

State Course Code: 08051A000

Proviso Course Code: WEL113051

This course fulfills the health education requirement for graduation as stipulated in Section 861 of The School Code of Illinois. Students study human ecology and health, human growth and development, human sexuality, prevention, and control of disease (including HIV/AIDS education), public and environmental health, consumer health, mental health and illness, personal health habits, nutrition, and dental health. Other topics include the use and abuse of alcohol, drugs, and tobacco and their short- and long-term effects on one's health and wellness.

### **Introduction to Aquatics**

Grade: 10-12

Length: 1 semester

Credit: 0.5

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: 2 semesters

Credit: 1.0

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: 2 semesters

Credit: 1.0

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.

### **PE Leaders**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Sophomore Physical Education with an A or B, Teacher Recommendation, **and** Application

State Course Code: 22101A000

Proviso Course Code: WEL111201

This yearlong course is offered to students who are interested in developing leadership skills within a physical education environment. Students concentrate on skill development, game strategies, skill analysis, officiating rules and techniques, teaching progressions and methods of organizing and administering various types of activity classes. Special emphasis is placed upon the development of responsibility for self and others, leadership skills, and peer teaching. This course is a prerequisite for the Senior Leaders course.

### **Sophomore Physical Education**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: Freshman Physical Education or equivalent

State Course Code: 08001A000

Proviso Course Code: WEL110001

This is a semester course with an enhancement to team and individual sports, fitness strategies, and aquatics. In this course, students develop team-building skills through the connection of team sports. They improve their fitness levels through the application of personal fitness strategies. Students continue their basic skill development in aquatics with a focus on stroke development, deep water swimming, and underwater swimming.

### WORLD LANGUAGES (WLA)

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

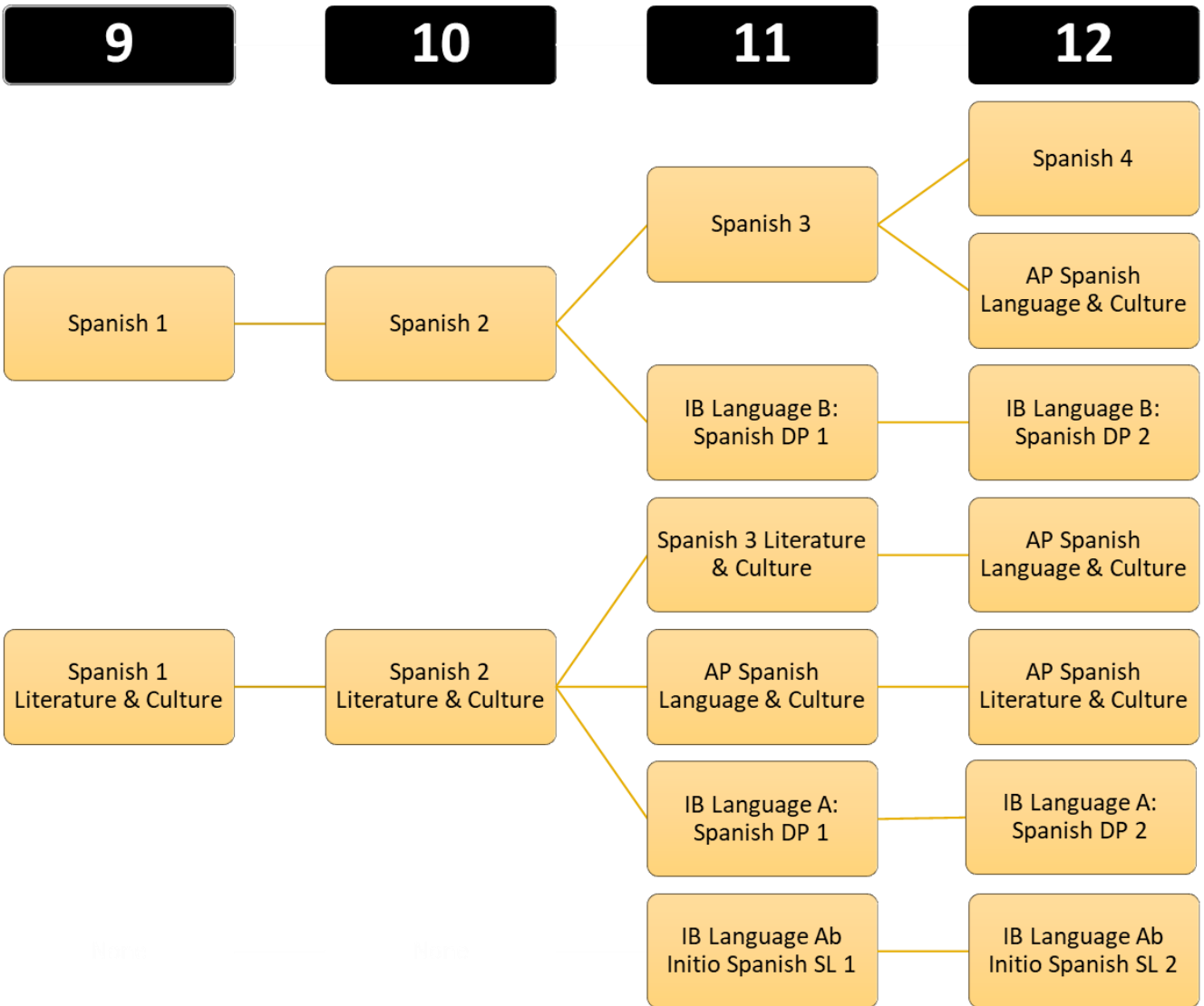
Credits earned in World Languages courses fulfill graduation requirements for World Languages or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
French 1	X	X	X		1.0	None
French 2		X	X	X	1.0	French 1 or Placement Test
French 3		X	X	X	1.0	French 2 or Placement Test
French 4			X	X	1.0	French 3 or Placement Test
IB Language Ab Initio French SL Year 1			X		1.0	New to language, IB application submitted
IB Language Ab Initio French SL Year 2				X	1.0	IB Language Ab Initio French SL Year 1
Spanish 1	X	X	X		1.0	None
Spanish 1 Literature & Culture	X	X	X		1.0	Placement Test
Spanish 2	X	X	X	X	1.0	Spanish 1 <u>or</u> Placement Test
Spanish 2 Literature & Culture	X	X	X	X	1.0	Spanish 1 Literature & Culture <u>or</u> 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 <u>or</u> Placement Test
Spanish 4			X	X	1.0	Spanish 3 <u>or</u> Placement Test
AP Spanish Language & Culture			X	X	1.0	Spanish 4, Spanish 3 Literature & Culture, <u>or</u> Teacher Recommendation
AP Spanish Literature & Culture				X	1.0	Spanish 4, AP Spanish Language & Culture, <u>or</u> Teacher Recommendation
IB Language Ab Initio Spanish SL Year 1			X		1.0	New to language, IB application submitted
IB Language Ab Initio Spanish SL Year 2				X	1.0	IB Language Ab Initio Spanish SL Year 1
IB Language A Spanish - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB Language A Spanish - DP Year 2				X	1.0	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

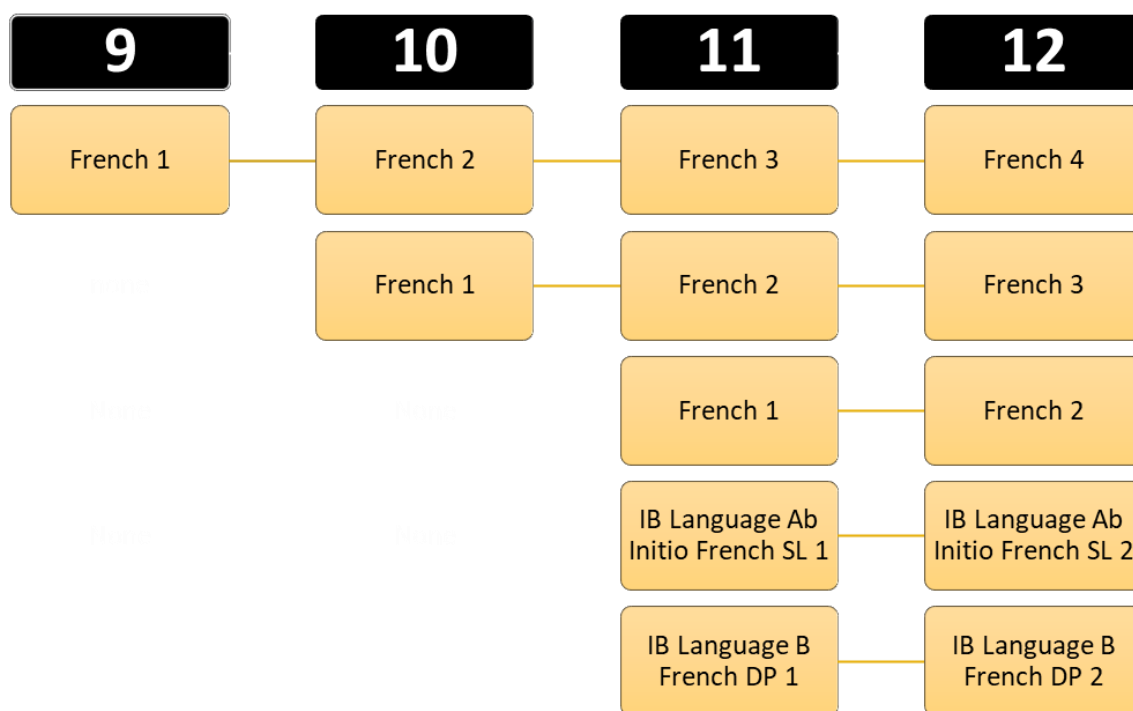
<sup>#</sup>Prerequisite courses must be completed with a passing grade.

**World Languages: Spanish Course Progression**  
**(East/PEMSA, West/PWMSA)**

Students will be placed in either Spanish 1, Spanish 1 Literature & Culture, or Spanish 2 based on placement testing. Students may begin their World Language sequence in grades 9, 10, or 11.



**World Languages: French Course Progression  
(East/PEMSA, West/PWMSA)**



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

**FRENCH**

**French 1**

Grade: 9-11

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 06121A000

Proviso Course Code: WLA113102

Designed to introduce students to French language and culture, French 1 emphasizes basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. French culture is introduced through the art, literature, customs, and history of the French-speaking people.

**French 2**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: French 1 or Placement Test

State Course Code: 06122A000

Proviso Course Code: WLA113103

French 2 builds upon skills developed in French 1, extending students' ability to understand and express themselves in French and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of

grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of French-speaking people to deepen their understanding of the culture(s).

### **French 3**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: French 2 **or** Placement Test

State Course Code: 06123A000

Proviso Course Code: WLA113104

French 3 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

### **French 4**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: French 3 **or** Placement Test

State Course Code: 06124A000

Proviso Course Code: WLA113105

French 4 focuses on expressing concepts both verbally and in writing while showing spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages with greater accuracy and speed and conversing easily in a variety of situations.

### **IB Language Ab Initio French SL Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: New to language, IB application submitted

State Course Code: 24118A000

Proviso Course Code: WLA411118

French Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

### **IB Language Ab Initio French Year 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language Ab Initio French SL Year 1

State Course Code: 24118A000

Proviso Course Code: WLA412118

Students continue to develop the ability to communicate in French through the study of language, themes and texts. They also develop conceptual understandings of how language works. Communication is evidenced through receptive, productive and interactive skills across a range of contexts and purposes that are appropriate to the level of the course. The language ab initio syllabus is organized into five prescribed themes: identities, experiences,

human ingenuity, social organization and sharing the planet. The language ab initio syllabus prescribes four topics for each of the five prescribed themes for a total of 20 topics that must be addressed in the language ab initio course. The internal assessment is an individual oral interview completed during the second year of the course. Students are also required to sit the IB examinations in May which include text-handling exercises, a written exercise, and a separate section for listening.

## **SPANISH**

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

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 4, Spanish 3 Literature & Culture, or Teacher Recommendation

State Course Code: 06112A000

Proviso Course Code: WLA313064

Designed by the College Board to parallel third-year college-level courses in Spanish Composition and Conversation, 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, AP® Spanish Language & Culture, or Teacher Recommendation

State Course Code: 24064A000

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.

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: New to language, IB application submitted

State Course Code: 24068A000

Proviso Course Code: WLA411068

Spanish Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language Ab Initio Spanish SL Year 1

State Course Code: 24068A000

Proviso Course Code: WLA412068

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

### **IB Language A Spanish - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme

State Course Code: 24067A000

Proviso Course Code: WLA411067

Spanish courses prepare students to take the IB Language A: Language & Literature exams. Course content includes in-depth study of composition for purpose and audience, forms of mass communication and the media, and the context and elements of literature.

### **IB Language A Spanish - DP Year 2**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language A Spanish - DP Year 1

State Course Code: 24067A000

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: 24063A000

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: 24063A000

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.

**Spanish 1**

Grade: 9-11

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 06101A000

Proviso Course Code: WLA113052

Designed to introduce students to Spanish language and culture, this course emphasizes basic grammar and syntax, vocabulary, and the spoken accent so students can read, write, speak, and understand Spanish at a basic level using customary courtesies and conventions. Spanish culture is introduced through art, literature, customs, and the history of Spanish-speaking people.

**Spanish 1 Literature & Culture**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test

State Course Code: 06106A000

Proviso Course Code: WLA113099

This course supports, reinforces, and expands students' knowledge of Spanish. Because students understand the rudiments and structure of the language and have a working vocabulary in Spanish, Spanish 1 Literature & Culture moves faster than regular Spanish courses. Literary development is emphasized with a study of literature and composition as well as translation skills. It also may include the culture or history of Spanish-speaking peoples.

**Spanish 2**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 1 or Placement Test

State Course Code: 06102A000

Proviso Course Code: WLA113053

Spanish 2 builds upon skills developed in Spanish 1, extending students' ability to understand and express themselves in Spanish. Students learn how to engage in informative and social dialogue, write in Spanish to show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly through increased vocabulary. Students may explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of Spanish cultures.

### **Spanish 2 Literature & Culture**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 1 Literature & Culture or Placement Test

State Course Code: 06108A000

Proviso Course Code: WLA113059

This course supports, reinforces, and expands students' knowledge of Spanish. Because students understand the rudiments and structure of the language and have a working vocabulary, Spanish 2 Literature & Culture moves faster than regular Spanish courses. Literary development is emphasized with a study of literature and composition as well as translation skills. It may also include the culture or history of Spanish-speaking peoples.

### **Spanish 3**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 2 or Placement Test

State Course Code: 06103A000

Proviso Course Code: WLA113054

Spanish 3 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

### **Spanish 3 Literature & Culture**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Spanish 2 Literature & Culture or Placement Test

State Course Code: 06109A000

Proviso Course Code: WLA113060

This course focuses on having students express increasingly complex concepts both verbally and in writing while showing spontaneity. Comprehension goals for students include attaining more facility and faster understanding when listening to the language spoken at normal rates, ability to paraphrase or summarize written passages, and conversing easily within a variety of situations.

### **Spanish 4**

Grade: 11-12

Length: 2 semesters

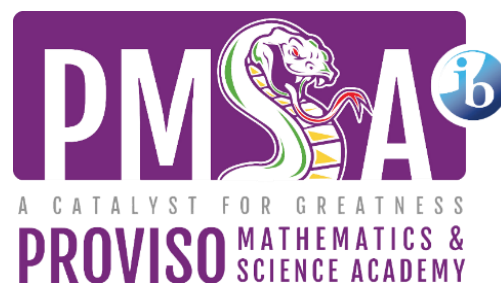
Credit: 1.0

Prerequisite: Spanish 3 or Placement Test

State Course Code: 06104A000

Proviso Course Code: WLA113055

Spanish 4 focuses on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.



## MATH & SCIENCE ACADEMY PROGRAM AND COURSE DESCRIPTIONS

### Proviso East Math & Science Academy (PEMSA)

### Proviso West Math & Science Academy (PWMSA)

### Proviso Math & Science Academy (PMSA)

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

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

All students are required to complete a minimum of one Advanced Placement (AP®) course prior to graduation as part of the Math and Science Academy Program at Proviso East High School (PEMSA), Proviso West High School (PWMSA), and Proviso Math and Science Academy (PMSA).

#### \*\* International Honors (IH) Course Descriptions

These courses mirror the core honors courses in English, Science, Math, and Social Sciences and are designed to further prepare students for more rigorous academic work and assessments. IH courses focus on in-depth exploration of themes and topics in the various academic areas, are student-centered, and include project-based experiential learning components.

#### Please Note:

- IH 9<sup>th</sup> Grade Research Core will be offered to PEMSAs and PWMSAs to enhance research and writing skills that are needed for the Honors and Advanced classes in the academy program.
- Except for those students exempted by state or District 209 Board of Education waiver, students must take Physical Education (PE) / Wellness courses.

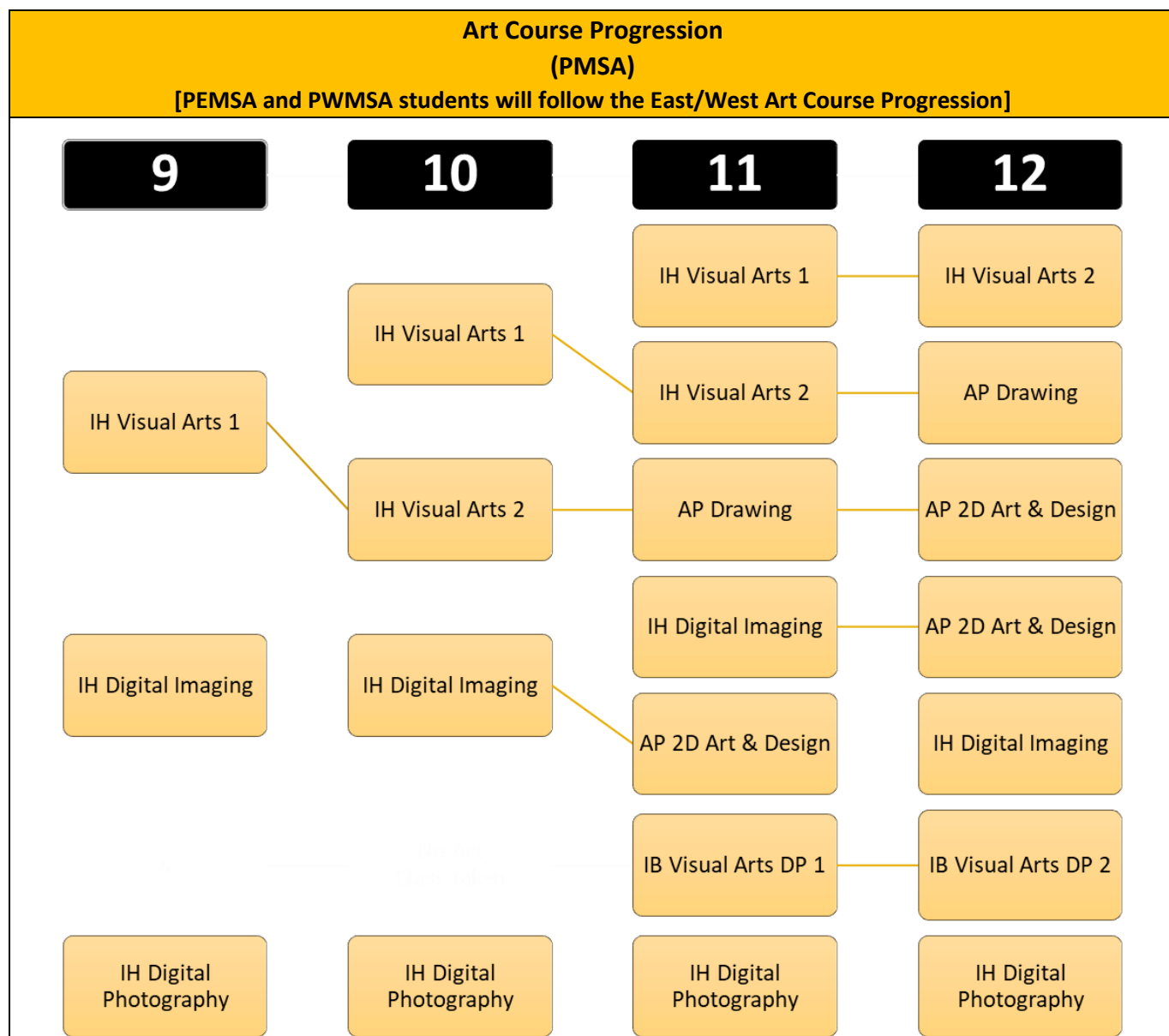
## ART (ART)

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

Credits earned in Art courses fulfill graduation requirements for Fine Arts or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Visual Arts 1	X	X	X		1.0	None
IH Visual Arts 2		X	X	X	1.0	IH Visual Arts 1 <u>or</u> Teacher Recommendation
IH Digital Imaging	X	X	X	X	1.0	None
IH Digital Photography	X	X	X	X	1.0	None
AP Drawing			X	X	1.0	IH Visual Arts 2 <u>or</u> Teacher Recommendation
AP 2-D Art & Design			X	X	1.0	IH Digital Imaging <u>or</u> Teacher Recommendation
IB Visual Arts - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme <u>and</u> IH 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® 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® 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® 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.

### **IB Visual Arts - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme and IH 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 course is for students with some photography experience. In this course, students learn to apply effective compositional strategies as well as the elements and principles of design to their digital artwork. Students learn to use Adobe Photoshop to edit their photos in order to create original works of art. This course also includes a digital drawing component with Adobe Illustrator.

### **IH Digital Photography**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 05167A000

Proviso Course Code: ART213167

This is a beginning level course focused on the fine art of photography. Students learn how the elements and principles of design are represented in photography along with different photography compositions. Students also learn about past and present photographers and relevant contemporary themes in order to create personalized and meaningful work. In this course, students edit photos using Photoshop and the Adobe Suite to further develop their artistic style. This course can be taken as a stand-alone Art elective for upperclassmen or as part of the Digital Art Pathway (recommended for grade 9).

### **IH Visual Arts 1**

Grade: 9-11

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 (NGI)

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.

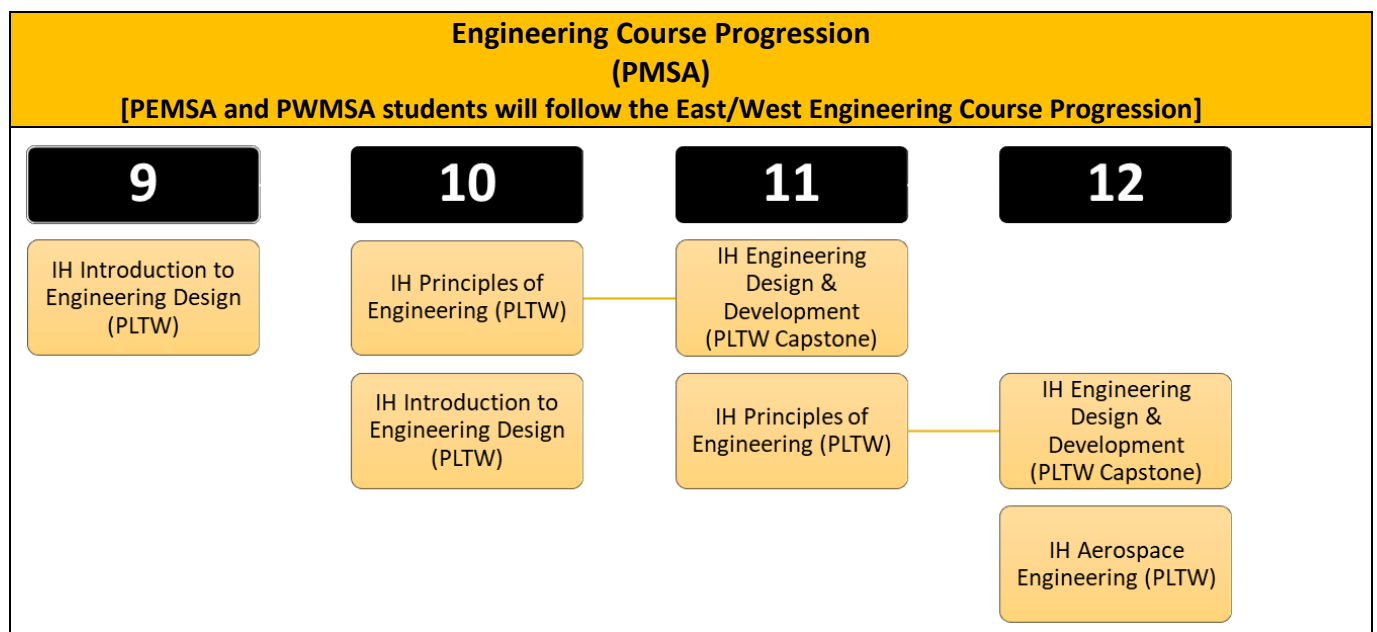
Credits earned in Engineering and Technology courses fulfill graduation requirements for elective credit.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Introduction to Engineering Design (PLTW*)	X	X			1.0	None
IH Principles of Engineering (PLTW*)		X	X	X	1.0	IH Introduction to Engineering Design (PLTW*) is recommended.
IH Engineering Design & Development (PLTW*)			X	X	1.0	IH Principles of Engineering (PLTW*)
IH Aerospace Engineering (PLTW*)				X	1.0	None

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

\* PLTW = Project Lead The Way



### Course Descriptions (in alphabetical order)

#### **IH Aerospace Engineering (PLTW)**

Grade: 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. This course can be taken as a stand-alone Engineering elective senior year or as part of the Engineering (PLTW) Pathway (recommended for grades 11-12).

### **IH Engineering Design & Development (PLTW Capstone)**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Principles of Engineering (PLTW)

State Course Code: 21007A002

Proviso Course Code: NGI213018 *(If Dual Credit: NGI513017)*

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 Principles of Engineering (PLTW) come together in IH Engineering Design & Development (PLTW Capstone) 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 (PLTW Capstone) ready to take on any post-secondary program or career. This course fulfills the research requirement for PMSA.

### **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 *(If Dual Credit: NGI513017)*

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: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Introduction to Engineering (PLTW) is recommended.

State Course Code: 21004A001

Proviso Course Code: NGI213049 *(If Dual Credit: NGI513049)*

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. This course may be used toward fulfilling the five-year math requirement for PMSA. This course cannot replace IH Integrated Math 1, 2, or 3.

## ENGLISH (ENG)

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

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

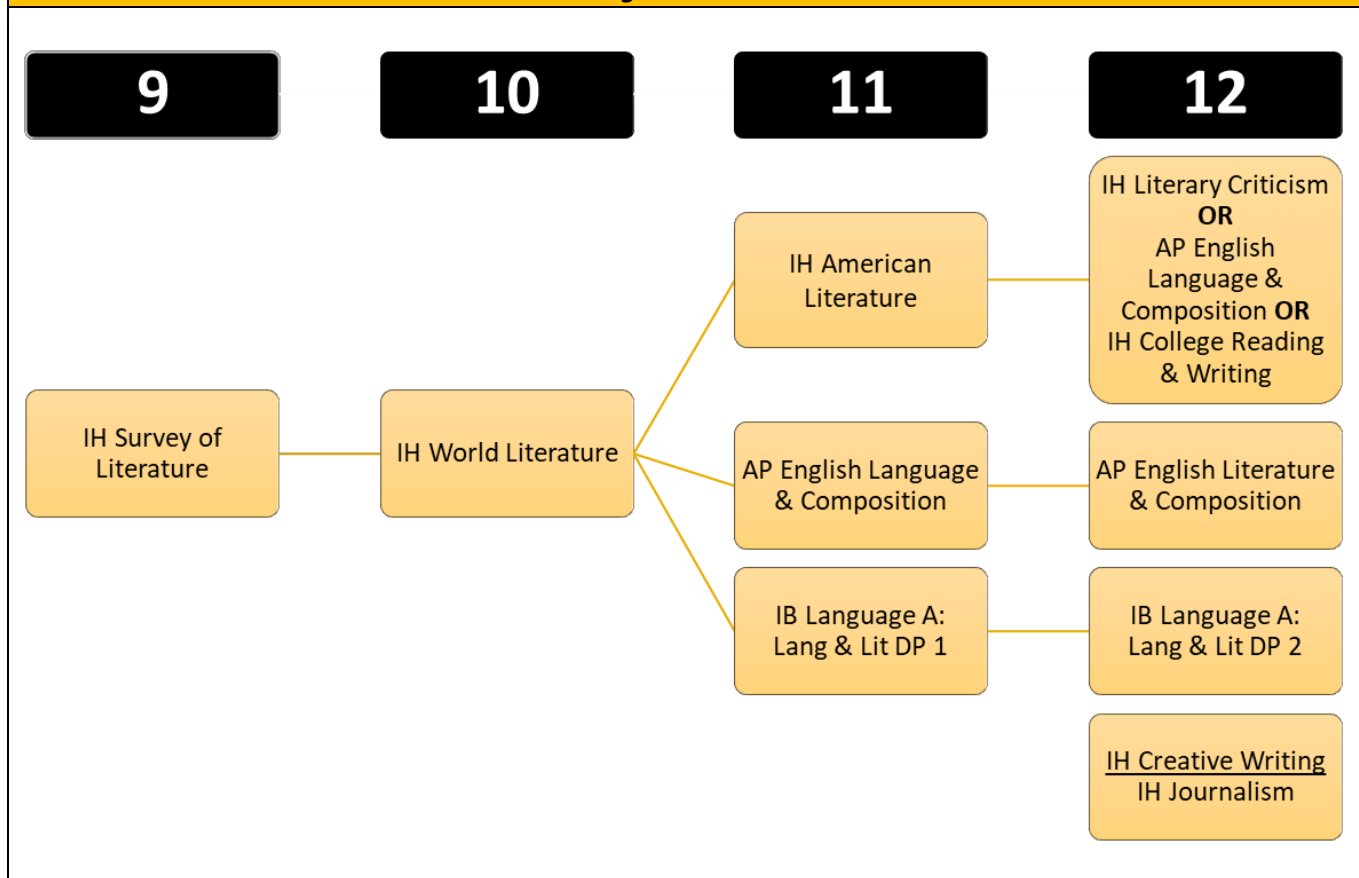
Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Survey of Literature	X				1.0	None
IH World Literature		X			1.0	IH Survey of Literature
IH American Literature			X		1.0	IH World Literature
IH Literary Criticism				X	1.0	IH American Literature
AP English Language & Composition			X	X	1.0	At least 2.0 English credits
AP English Literature & Composition				X	1.0	AP English Language & Composition
IB Language A: Language & Literature - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB Language A: Language & Literature - DP Year 2				X	1.0	IB Language A: Language & Literature - DP Year 1
IH College Reading and Writing (CRW)				X	1.0	At least 3.0 English credits <b>and</b> Teacher Recommendation
IH Creative Writing*				X	0.5	At least 3.0 English credits
IH Journalism*				X	0.5	At least 3.0 English credits

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

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

## English Course Progression (PEMSA, PWMSA, PMSA)

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



### Course Descriptions (in alphabetical order)

#### **AP® English Language & Composition**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 English credits

State Course Code: 01005A000

Proviso Course Code: ENG313005 *(If Dual Credit: ENG513005)*

AP® 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® English Language & Composition Exam. 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® English Literature & Composition**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP® English Language & Composition

State Course Code: 01006A000

Proviso Course Code: ENG312006 (*If Dual Credit: ENG512006*)

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.

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme

State Course Code: 01007A000

Proviso Course Code: ENG411011

Through a study of language and literature, students are better able to see and understand the world in which they live. Students are encouraged to question meaning by focusing on the language of texts. They critically study and interpret written and oral, literary, and non-literary texts. Students conduct a formal analysis of texts to include the idea that meaning is contextual. They undertake the study of the cultural development and usage of the English language as well as its media and literature. Students are required to analyze texts and to present their ideas. Year 1 topics include language and the individual, language and social relations, language and power, textual bias, stereotypes, and persuasive language.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language A: Language and Literature - DP Year 1

State Course Code: 01007A000

Proviso Course Code: ENG412011

Students continue to critically study and interpret various types of texts, questioning meaning and focusing on language. Year 2 topics include: critical study of literature, literary terminology, the influence of formal elements of the text, genre, and structure, understanding attitudes and values and their impact on readers, close reading, the changing historical cultural and social contexts in which texts are written. Formal assessments include an individual oral commentary and a further oral activity. Additionally, students are required to sit the IB examinations in May which include a comparative textual analysis, an essay, and two written tasks.

### **IH College Reading and Writing (CRW) (PMSA only)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 3.0 English credits and Teacher Recommendation

State Course Code: 01004A001

Proviso Course Code: ENG212102

This course is designed to introduce students to the conventions of academic writing and critical thinking to prepare for the rigor of college rhetoric coursework. In this writing-intensive course, students read, analyze, discuss and

critically respond to nonfiction texts centered around themes, critical issues, and larger ideas. Students write in a variety of modes, both formal and informal, for a variety of audiences, developing a sense of personal style and an ability to analyze arguments and synthesize information. A grade of C or better both semesters will exempt students from taking the English placement exam with Triton College.

### **IH American Literature (PMSA only)**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: IH World Literature

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 (PMSA only)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: At least 3.0 English credits / Elective credit only

State Course Code: 01104A000

Proviso Course Code: ENG612104 (*If Dual Credit: ENG512104*)

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 (PMSA only)**

Grade: 12

Length: 1 semester

Credit: 0.5

Prerequisite: At least 3.0 English credits / Elective credit only

State Course Code: 01155A000

Proviso Course Code: ENG612101 (*If Dual Credit: ENG512101*)

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 (PMSA only)**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH American Literature

State Course Code: 01004A000

Proviso Course Code: ENG212099 (*If Dual Credit: ENG512099*)

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.

## MATH (MAT)

5 credits are required.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH College Algebra			X	X	1.0	IH Integrated Math 3
IH Integrated Math 1	X				1.0	None
IH Integrated Math 2	X	X			1.0	IH Integrated Math 1 <u>or</u> Placement Test
IH Integrated Math 3		X	X		1.0	IH Integrated Math 2 <u>or</u> Placement Test
IH Math Studies			X	X	1.0	IH Integrated Math 2
IH Pre-Calculus			X	X	1.0	IH Integrated Math 3
Science, Technology, Engineering, & Math (STEM) TM001				X	1.0	Administrator Approval ( <i>See Decision Chart for Senior Level Math</i> )
AP Calculus AB			X	X	1.0	Pre-Calculus (Dual Credit), IH Math Studies, <u>or</u> IH Integrated Math 3 <u>and</u> Teacher Recommendation
AP Calculus BC			X	X	1.0	AP Calculus AB or IH Pre-Calculus <u>and</u> Teacher Recommendation
AP Computer Science A			X	X	1.0	At least 2.0 Math credits <u>or</u> Teacher Recommendation
AP Computer Science Principles			X	X	1.0	At least 2.0 Math credits <u>or</u> Teacher Recommendation
AP Statistics			X	X	1.0	IH Integrated Math 2 <u>or</u> Teacher Recommendation
IB Math: Applications & Interpretation - DP Yr 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme <u>and</u> IH IM 3
IB Math: Applications & Interpretation - DP Yr 2				X	1.0	IB Math: Applications & Interpretation – DP Yr 1
IB Math: Analysis & Approaches - DP Yr 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme and IH IM 3
IB Math: Analysis & Approaches - DP Yr 2				X	1.0	IB Math: Analysis & Approaches - DP Yr 1

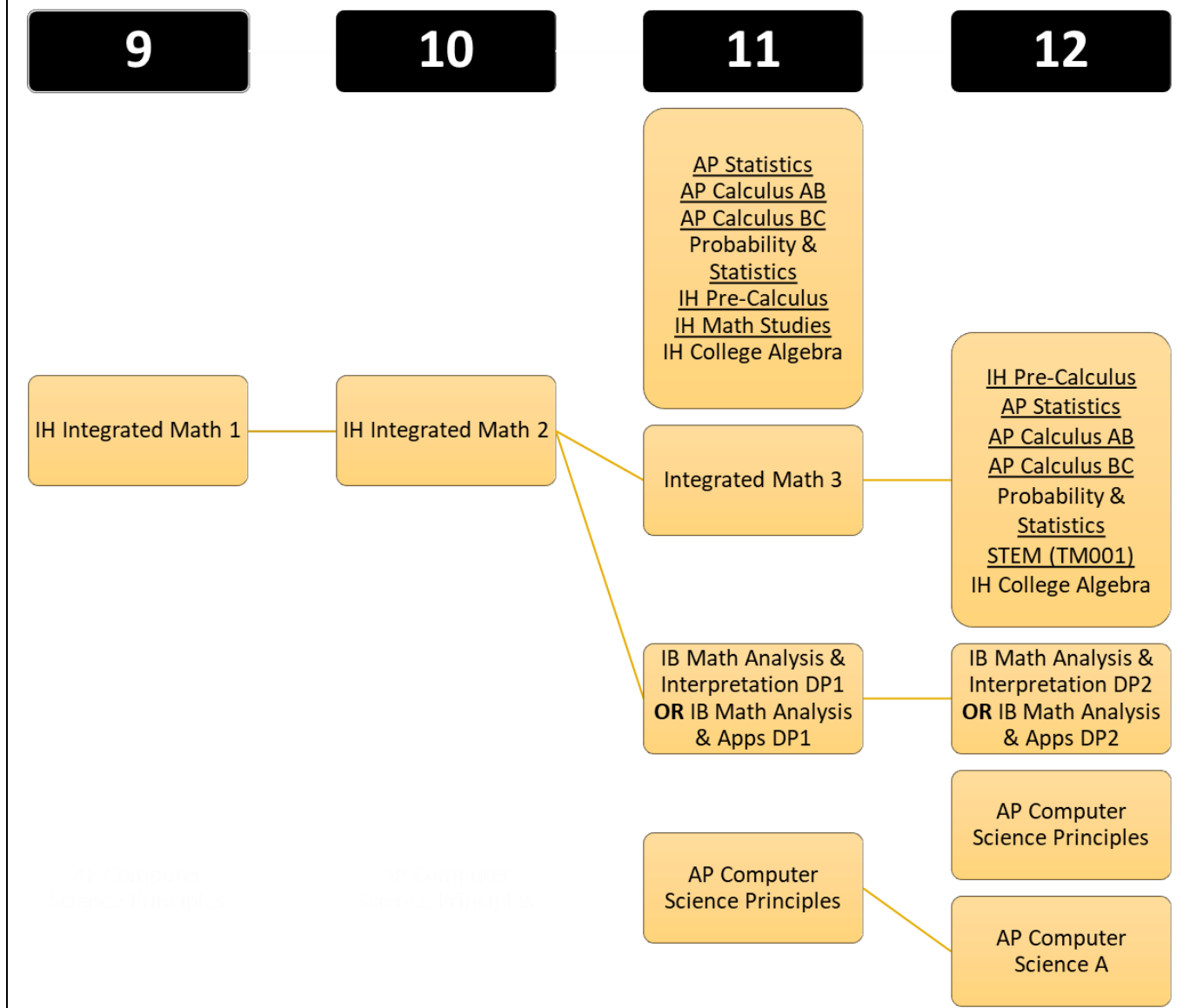
<sup>#</sup> Prerequisite courses must be completed with a passing grade.

<sup>\*</sup> This course satisfies PWR Act Transitional Math requirements; cannot be used to satisfy graduation requirement.

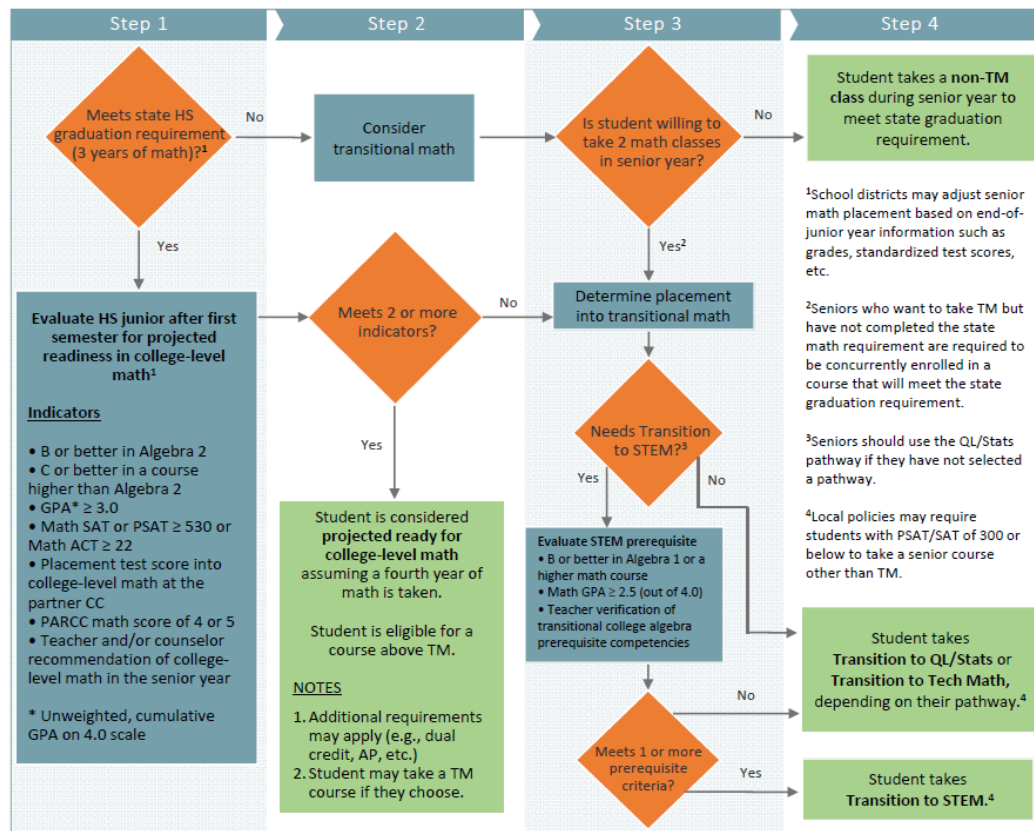
## Math Course Progression

(PEMSA, PWMSA, PMSA)

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



## 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 Math Studies, or IH Integrated Math 3 and Teacher Recommendation

State Course Code: 02124A000

Proviso Course Code: MAT313124

AP® 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® Exam. Fee: Cost of the AP® 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® Calculus AB or Pre-Calculus and Teacher 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<sup>®</sup> Computer Science A**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Math credits or Teacher Recommendation

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<sup>®</sup> Computer Science Principles**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Math credits or Teacher Recommendation

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<sup>®</sup> Statistics**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Integrated Math 2 or Teacher Recommendation

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® Exam associated with this content area. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **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 including short and extended response questions.

**IH College Algebra**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Integrated Math 3

State Course Code: 02138A000

Proviso Course Code: MAT213138 (*If Dual Credit: MAT513138*)

This course examines operations on real numbers, factoring, polynomials, rational expressions, complex numbers, topics from theory of equations, exponential and logarithmic functions, systems of equations, and conic sections.

**IH Integrated Math 1**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 02062A000

Proviso Course Code: MAT209065

The purpose of this course is to extend mathematics learned in the middle grades. Overarching themes are centered on deepening and extending linear relationships, exploring exponential relationships, the concept of a function, summarizing, representing, and interpreting statistical data, and algebraic connections in the area of coordinate geometry. The Common Core Mathematical Practices apply throughout this course and will allow students to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

**IH Integrated Math 2**

Grade: 9-10

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Integrated Math 1 or Placement Test

State Course Code: 02063A000

Proviso Course Code: MAT210066

This course builds upon the foundation established in IM1. Overarching themes are centered on deepening and extending linear and exponential relationships, a study of quadratic relationships, geometric similarity, right triangle trigonometry, and conditional probability. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

### **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

This course builds upon the foundation established in IH Integrated Math 1 and 2. Overarching themes are centered on exploring polynomial, rational and radical relationships; trigonometry; modeling of inverse, logarithmic, and trigonometric functions; modeling; connections between algebra and geometry; and statistical inferences and conclusions from data. The Common Core Standards of Mathematical Practice apply throughout this course and students will continue to experience mathematics as a coherent, useful, and logical subject that helps make sense of problem situations.

### **IH Math Studies**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Integrated Math 2

State Course Code: 02109A000

Proviso Course Code: MAT213990

IH Math Studies provides practice for the ACT test with a review of algebra, geometry, and trigonometry. Course topics may 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; and set operations and logic.

### **IH Pre-Calculus**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Integrated Math 3

State Course Code: 02110A000

Proviso Course Code: MAT213110 (*If Dual Credit: MAT513110*)

This course combines the study of Trigonometry, Elementary Functions, Analytic Geometry, and Math Analysis topics as preparation for calculus. Topics typically include the study of complex numbers; polynomial, logarithmic, exponential, rational, right trigonometric, and circular functions, and their relations, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; vectors; the polar coordinate system; conic sections; Boolean algebra and symbolic logic; mathematical induction; matrix algebra; sequences and series; and limits and continuity.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Administrator Approval (*See Decision Chart for Senior Level Math*)

State Course Code: 02055A001

Proviso Course Code: MAT612001

This is a project-based discrete math course include the study of topics such as number theory, discrete probability, set theory, symbolic logic, Boolean algebra, combinatorics, recursion, basic algebraic structures, graph theory, consumer math, numeral systems, and geometry in nature and in daily life. This course satisfies Illinois PWR Act for Transitional Math.

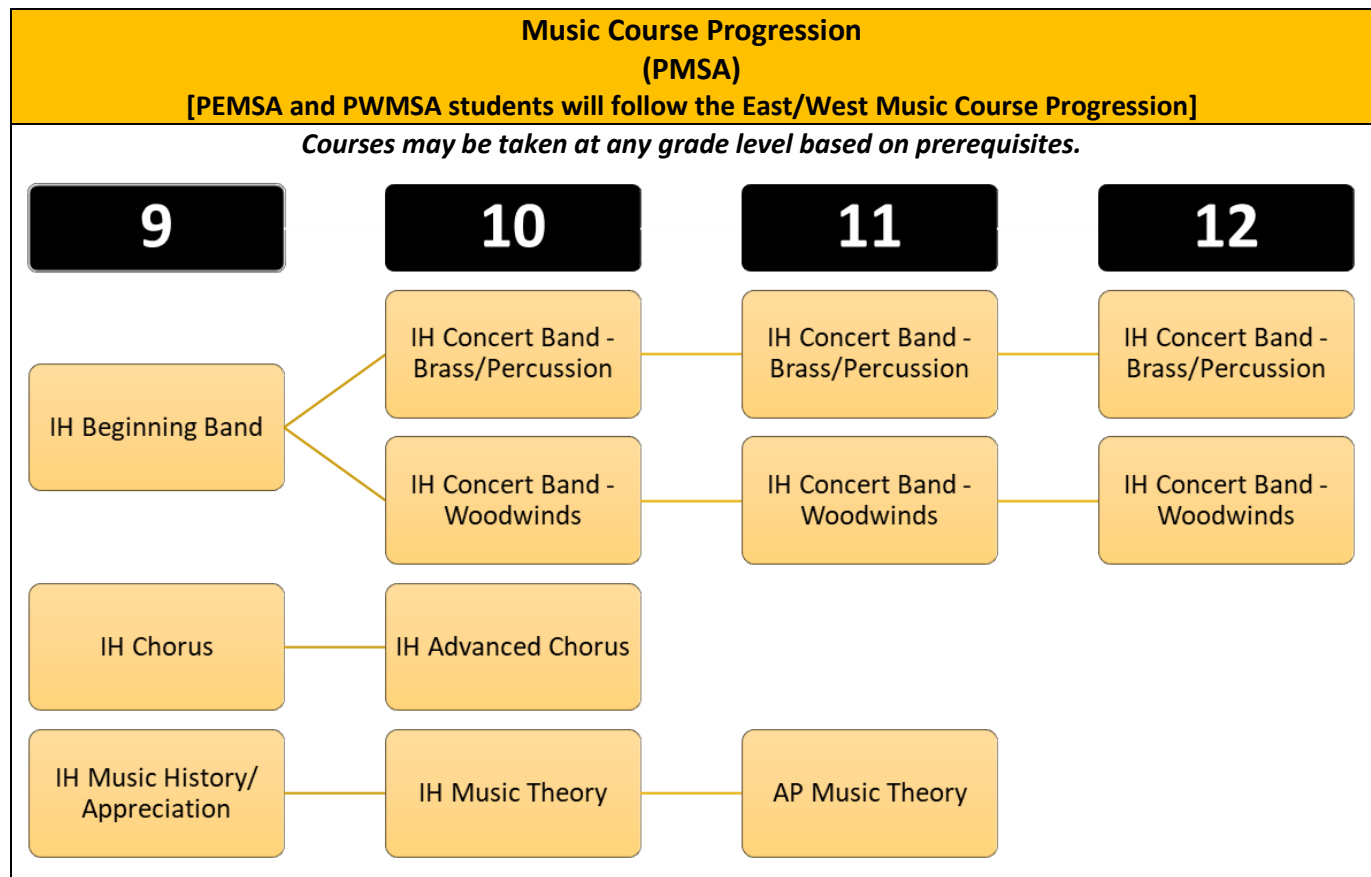
## Music (MUS)

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.

Credits earned in Music courses fulfill graduation requirements for Fine Arts or elective credit.

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, <u>and/or</u> Teacher Recommendation
IH Concert Band - Woodwinds	X	X	X	X	1.0	IH Beginning Band, Audition, <u>and/or</u> Teacher Recommendation
IH Chorus	X	X	X	X	1.0	None
IH Advanced Chorus	X	X	X	X	1.0	IH Chorus, Audition, <u>and/or</u> Teacher Recommendation
IH Music History/ Appreciation	X	X	X	X	1.0	None
IH Music Theory		X	X	X	1.0	IH Music Appreciation/History <u>or</u> Teacher Recommendation
AP Music Theory			X	X	1.0	IH Music Theory, Placement Test, <u>and/or</u> Teacher Recommendation

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



## Course Descriptions (in alphabetical order)

### **AP® Music Theory**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Music Theory, Placement Test, and/or Teacher Recommendation

State Course Code: 05114A000

Proviso Course Code: MUS313114

The ultimate goal of AP® Music Theory is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of this goal may be best promoted by integrated approaches to the student's development of aural skills listening exercises 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® Exam. Fee: Cost of the AP® Exam fee per the College Board rate. Reduced fee waivers may apply.

### **IH Advanced Chorus**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Chorus, Audition, and/or Teacher Recommendation

State Course Code: 05111A000

Proviso Course Code: MUS213111

This course is open to students of all grade levels with intermediate training in performance of three- and four-part literature. Students must perform in a minimum of one concert each semester to receive credit towards their grade for this course. Selected students perform at school assemblies and programs, community events, choral festivals and workshops, competitions, and the state and local Solo-Ensemble competitions.

### **IH Beginning Band**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 05106A000

Proviso Course Code: MUS213101

This course introduces the principles and techniques for playing musical instruments within a structured ensemble performance environment. Instruments are based on student choices from the wind, and percussion families. There are a minimum number of performances required per year for successful completion of this course.

### **IH Chorus**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 05110A000

Proviso Course Code: MUS213110

This course emphasizes the development of vocal talent in a mixed ensemble. There are a minimum number of performances required per year for successful completion of this course.

**IH Concert Band - Brass/Percussion**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Beginning Band, Audition, and/or Teacher Recommendation

State Course Code: 05102A000

Proviso Course Code: MUS213140

This course develops advanced playing skills in the formalized setting of an orchestra and/or band. Types of instruments includes woodwinds, brass, and percussion. There are a minimum number of performances required per year for successful completion of this course.

**IH Concert Band - Woodwinds**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Beginning Band, Audition, and/or Teacher Recommendation

State Course Code: 05102A000

Proviso Course Code: MUS213102

This course develops advanced playing skills in the formalized setting of an orchestra and/or band. Types of instruments includes woodwinds, brass, and percussion. There are a minimum number of performances required per year for successful completion of this course.

**IH Music History/Appreciation**

Grade: 9-12

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 05116A000

Proviso Course Code: MUS213116

Music History/Appreciation surveys different musical styles and periods with the intent of increasing students' enjoyment of musical styles and/or developing their artistic and technical judgment. This course may also focus on developing an understanding of a particular style or period. It is designed to help students explore the world of music and develop an understanding of the role music plays in their lives.

**IH Music Theory**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Music History/Appreciation

State Course Code: 05113A000

Proviso Course Code: MUS213113

This course explores fundamental music theory from both historical and modern perspectives including a study of the impact of technology on the development of music. Students will learn to write musical notation, terminology, and chord progression. Tonal and atonal musical styles are emphasized.

## RESEARCH AND THEORETICAL STUDIES (RTS)

1 credit is required.

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

- IH Research Core - Social Science
- IH Research Core - Science
- AP® Seminar
- IH Engineering Design & Development (PLTW)

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

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

### Required Course for IB Diploma Students:

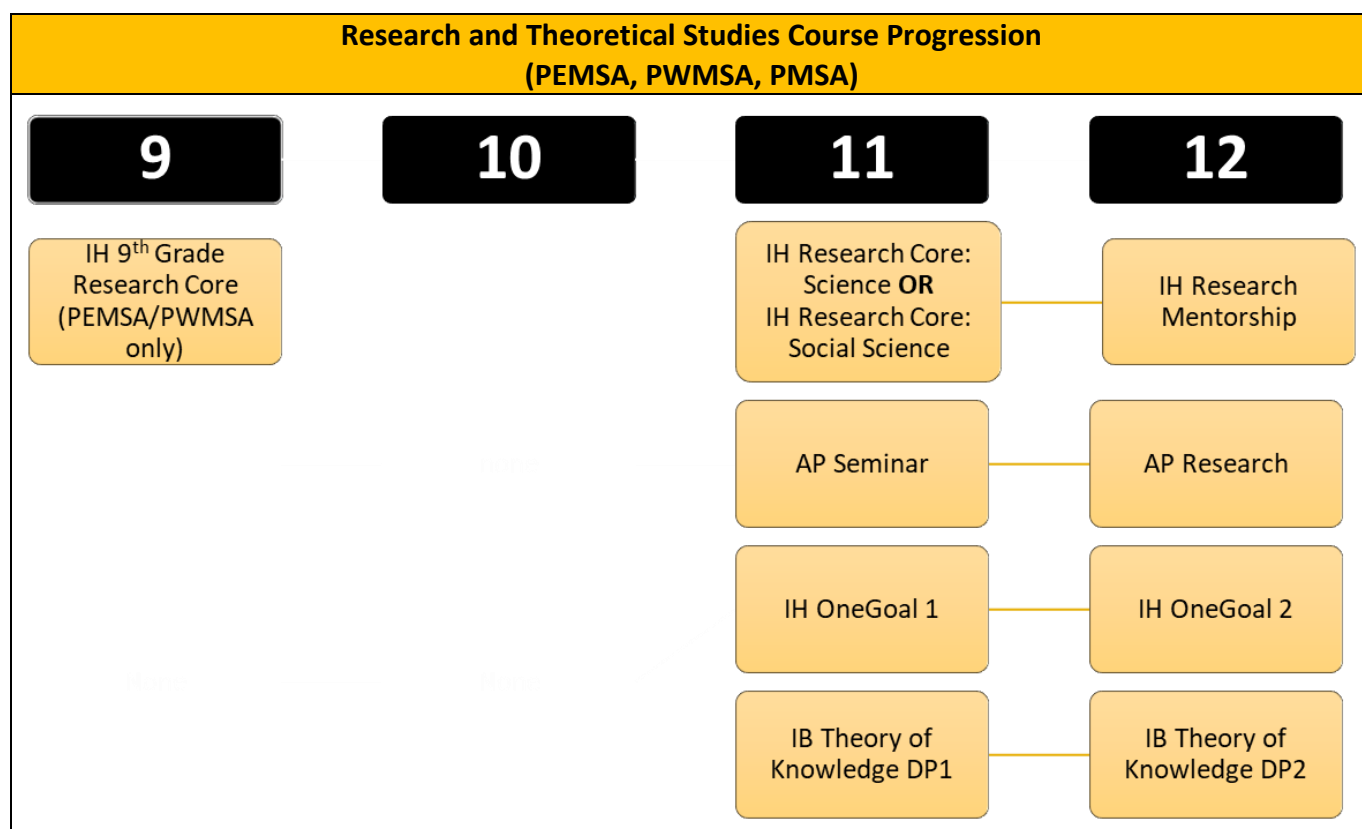
- IB Theory of Knowledge – DP Year 1 and DP Year 2

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

The graduation system differentiates according to the depth of the research commitment. Students choosing to pursue an area of significant research and committing to produce and defend the work and the product will, after successful completion of IH Research Core (PMSA) or IH 9<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>
IH 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	IH Research course; Completed Application; Minimum 3.5 GPA; <b>and</b> Teacher Recommendations
AP Seminar		X	X	X	1.0	At least 1.0 English credits / Part of the AP® Capstone Program (except Grade 12)
AP Research			X	X	1.0	AP Seminar / Part of the AP® Capstone Program
IH OneGoal Year 1			X		1.0	None
IH OneGoal Year 2				X	1.0	IH OneGoal Year 1
IH Engineering Design & Development (PLTW)			X		1.0	IH Principles of Engineering (PLTW)

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



### Course Descriptions (in alphabetical order)

#### AP® Research

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: AP Seminar / Part of the AP® Capstone Program

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 three (3) other AP® courses.

#### AP® Seminar

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 1.0 English credits / Part of the AP® Capstone Program (except Grade 12)

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 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.

**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 the required IH Research course; Completed Application; Minimum 3.5

GPA; **and** Teacher Recommendations

State Course Code: 01105A000

Proviso Course Code: RTS212105

Research and inquiry are core tenets of the Academy Program. In this course, students work alongside scientists and other professionals to engage in meaningful, real-world experiences. This course provides an opportunity for students to obtain individualized guidance from a local professional based on their personal interests. They collaborate with a mentor knowledgeable in similar fields of study, research interests, and extracurricular activities. This course examines how research questions are developed, various manners in which answers can be uncovered, and the interpretations discovered. The final assessment is a poster presentation at the annual Research Symposium. Fulfillment of this course earns students the additional accolade of “graduation with distinction.”

### **IH OneGoal® Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: None

State Course Code: 22106A001

Proviso Course Code: RTS211106

OneGoal® is a two-year program (11<sup>th</sup>-12<sup>th</sup> grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal’s mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

### **IH OneGoal® Year 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: OneGoal Year 1

State Course Code: 22106A002

Proviso Course Code: RTS212106

OneGoal® is a two-year program (11<sup>th</sup>-12<sup>th</sup> grade) that provides students with opportunities and resources to consider college as a viable, realistic, attainable, post-secondary path. One Goal’s mission is college graduation period. The course focuses not only on preparing students for college admission, but college completion. The two-

year program follows an intensive post-secondary success curriculum which includes goal setting, completion of interest inventories, SAT test preparation, identifying college match, applying for scholarships, writing college applications and personal statements, and completing the Free Application for Federal Financial Aid (FAFSA). One Goal supports students into their first year of college as a means of ensuring college persistence.

## SCIENCE (SCI)

4 credits are required.

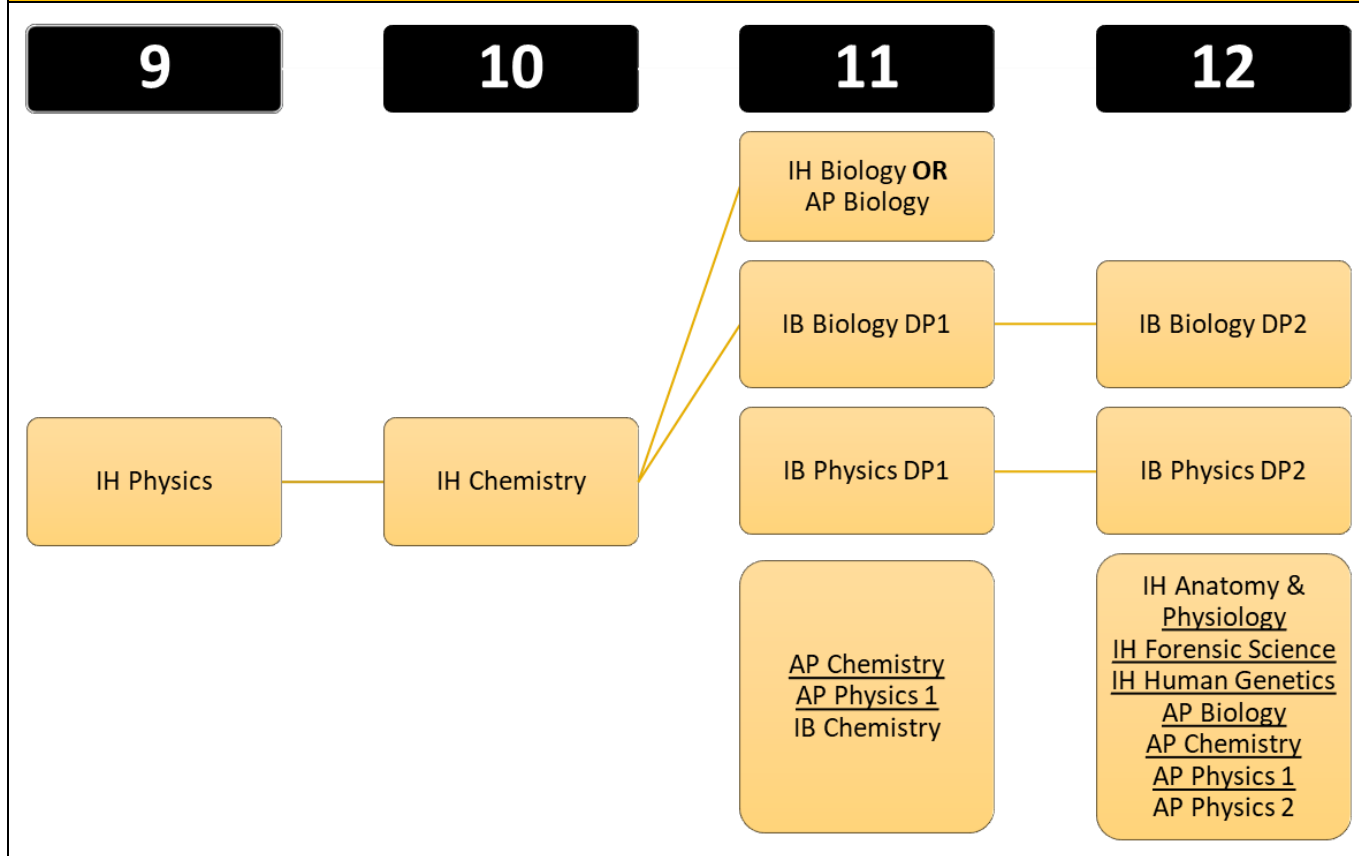
Required Courses: Physics, Chemistry, Biology, and choice of Elective or IB, AP or Dual Credit course equivalents.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Anatomy & Physiology				X	1.0	IH Biology
IH Biology			X		1.0	IH Chemistry
IH Chemistry		X			1.0	IH Physics
IH Forensic Science				X	1.0	IH Biology
IH Human Genetics				X	1.0	IH Biology
IH Physics	X				1.0	None
AP Biology			X	X	1.0	IH Chemistry <u>or</u> IH Biology <u>and</u> Teacher Recommendation
AP Chemistry			X	X	1.0	Teacher Recommendation
AP Physics 1			X	X	1.0	Teacher Recommendation
AP Physics 2				X	1.0	Teacher Recommendation
IB Biology - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB Biology - DP Year 2				X	1.0	IB Biology - DP Year 1
IB Chemistry			X		1.0	Acceptance into the IB Diploma or Certificate Programme
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

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

## Science Course Progression (PMSA)

*[PEMSA and PWMSA students will follow the PMSA Science Course Progression below for grades 9-10.]*  
*[PEMSA and PWMSA students will follow the East & West Course Progression for AP and IB Science courses in grades 11-12.]*



### 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® Biology includes topics that are regularly covered in a college introductory biology course and differs significantly from the standards-based, high school biology course with respect to the kind of textbook used, the range and depth of topics covered, the kind of laboratory work performed by students, and the time and effort required of the students. The textbook used by AP® Biology is also used by college biology majors and the kinds of labs done by AP students are equivalent to those by college students. AP® Biology aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students in this course are required to take the AP® Exam. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

#### **AP® Chemistry**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher 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<sup>®</sup> Physics 1**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher Recommendation

State Course Code: 03163A000

Proviso Course Code: SCI312165

Designed by the College Board, AP<sup>®</sup> Physics 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.

### **AP<sup>®</sup> Physics 2**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: Teacher Recommendation

State Course Code: 03163A000

Proviso Course Code: SCI312166

Designed by the College Board, AP Physics 2<sup>®</sup> is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, waves, and probability. Students in this course are required to take the 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 (SOC)

3 credits are required.

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

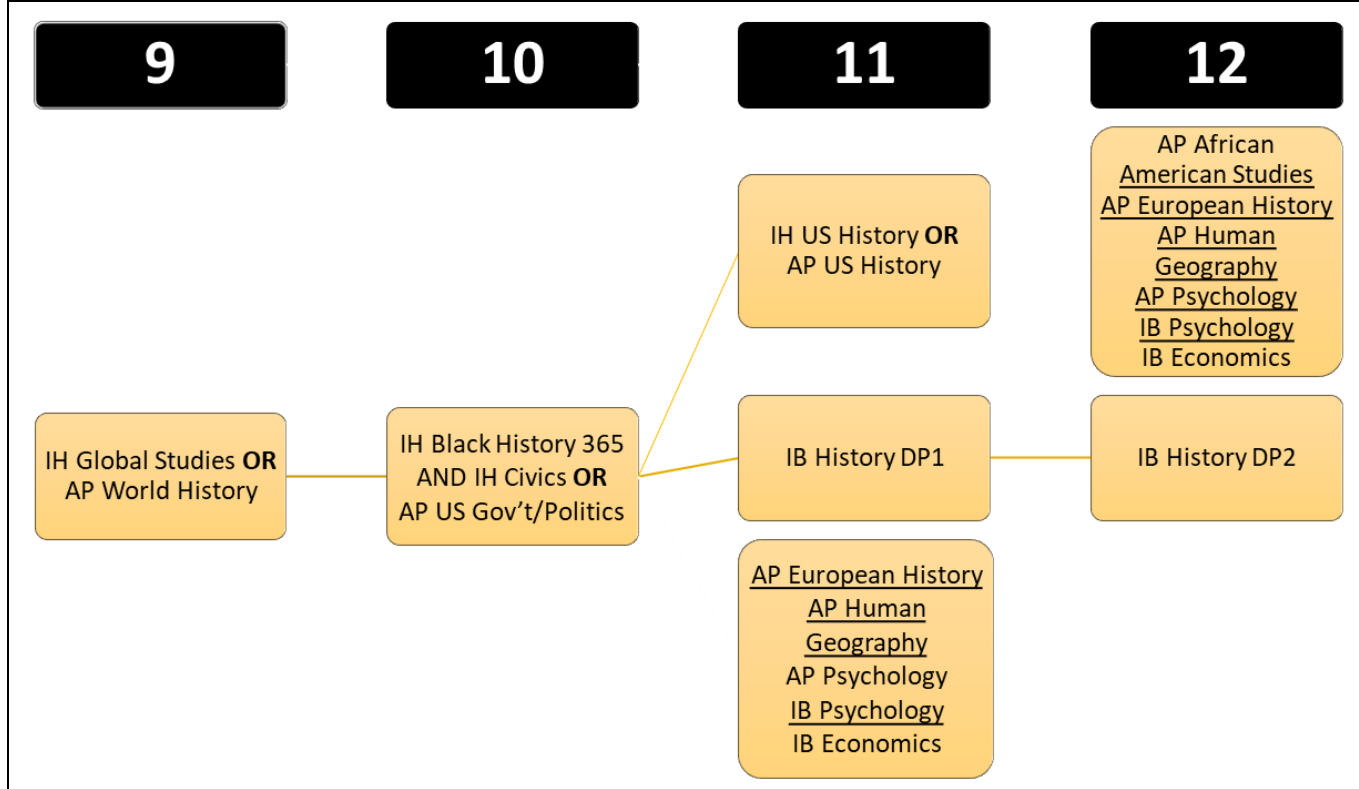
Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
AP African American Studies				X	1.0	At least 2.0 Social Science credits
AP European History			X	X	1.0	At least 2.0 Social Science credits
AP Human Geography			X	X	1.0	At least 2.0 Social Science credits
AP Macroeconomics			X	X	0.5	At least 2.0 Social Science credits
AP Microeconomics			X	X	0.5	At least 2.0 Social Science credits
AP Psychology			X	X	1.0	At least 2.0 Social Science credits
AP US Government & Politics		X			1.0	At least 1.0 Social Science credits
AP US History			X		1.0	IH Civics <b>or</b> AP US Government & Politics
AP World History: Modern	X				1.0	None
IH Black History 365		X			0.5	IH Global Studies <b>or</b> AP World History: Modern
IH Civics		X			0.5	IH Global Studies <b>or</b> AP World History: Modern
IH Global Studies	X				1.0	None
IH US History			X		1.0	IH Civics <b>or</b> AP US Government & Politics
IB Economics			X	X	1.0	Acceptance into the IB Diploma or Certificate Programme
IB History - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme
IB History - DP Year 2				X	1.0	IB History - DP Year 1
IB Psychology			X	X	1.0	Acceptance into the IB Diploma or Certificate Programme

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

## Social Science Course Progression (PMSA)

*[PEMSA and PWMSA students will follow the PMSA Social Science Course Progression below for grades 9-10.]*  
*[PEMSA and PWMSA students will follow the East & West Course Progression for AP and IB Social Science courses in grades 11-12.]*



### Course Descriptions (in alphabetical order)

#### **AP® African American Studies**

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: TBD per ISBE

Proviso Course Code: SOC312107

AP® African American Studies is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with rich and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course satisfies the Black History graduation requirement.

#### **AP® European History**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

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: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04004A000

Proviso Course Code: SOC313004 (*If Dual Credit: SOC513004*)

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

### **AP® Psychology**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 2.0 Social Science credits

State Course Code: 04256A000

Proviso Course Code: SOC313256

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

### **AP® US Government & Politics**

Grade: 10

Length: 2 semesters

Credit: 1.0

Prerequisite: At least 1.0 Social Science credits

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. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test. Fee: Cost of the AP® Exam per the College Board rate. Reduced fee waivers may apply.

### **AP® US History**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Civics **or** AP US Government & Politics

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 the consumer education graduation requirement.

**AP® World History: Modern**

Grade: 9

Length: 2 semesters

Credit: 1.0

Prerequisite: Placement Test **or** Teacher Recommendation

State Course Code: 04057A000

Proviso Course Code: SOC313067

The purpose of the AP® World History: Modern course is to help students develop a greater understanding of global processes and contacts in different types of human societies since 1200 CE. 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.

**IH Black History 365**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: IH Global Studies **or** AP World History: Modern

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 Civics**

Grade: 10

Length: 1 semester

Credit: 0.5

Prerequisite: IH Global Studies **or** AP World History: Modern

State Course Code: 04161A000

Proviso Course Code: SOC210261

IH Civics examines the rights, roles, powers, and responsibilities of individuals and institutions in the political system. Students evaluate the opportunities and limitations of participation in elections, voting, and electoral process; analyze the impact of constitutions, laws, and agreements on the maintenance of order, justice, equality, and liberty; explain how the US Constitution established a system of government that has powers, responsibilities, and limits that have changed over time and are still contested while promoting the common good and protecting rights. This course includes consumer education content and satisfies a graduation requirement. Students must also pass the Constitution Test.

**IH 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 US History**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Civics or AP US Government & Politics

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.

### **IB Economics**

Grade: 11-12

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: 11-12

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.

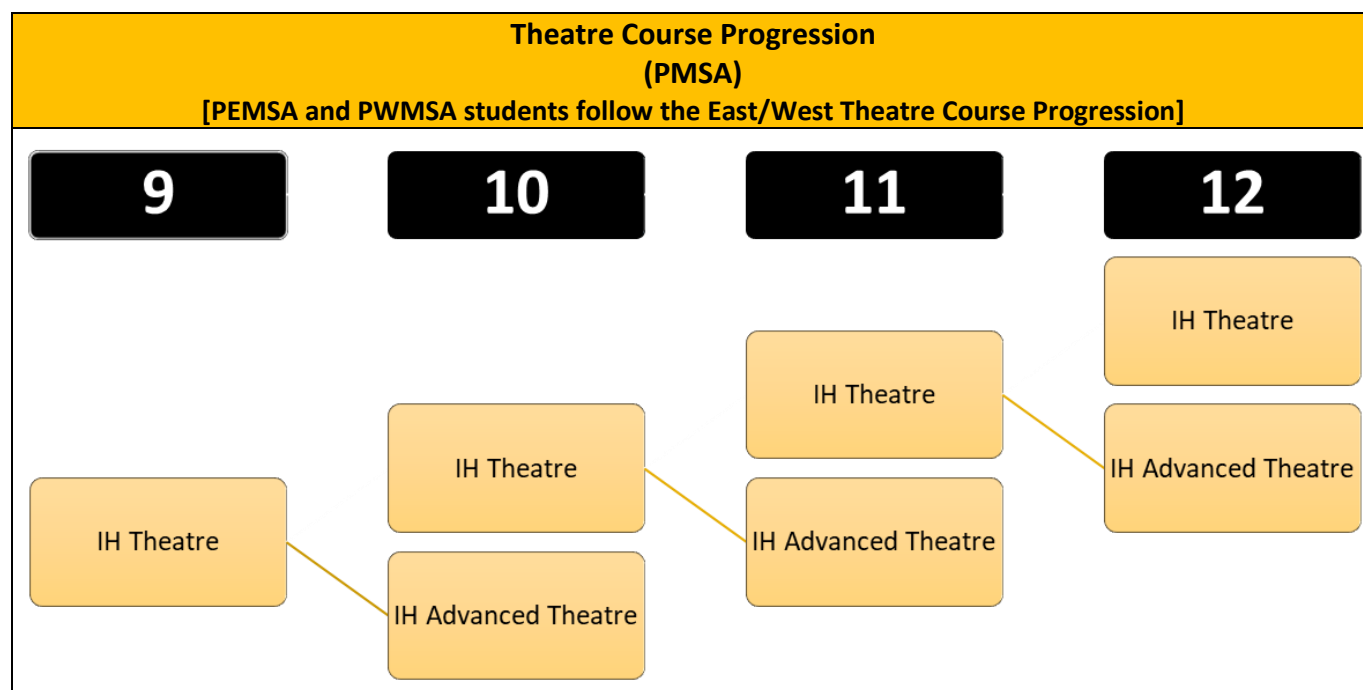
## THEATRE (THE)

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.

Credits earned in Theatre courses fulfill graduation requirements for Fine Arts or elective credit.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Theatre	X	X	X	X	1.0	None
IH Advanced Theatre		X	X	X	1.0	IH Theatre, Audition, <u>or</u> Teacher Recommendation

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



### Course Descriptions (in alphabetical order)

#### **IH Advanced Theatre**

Grade: 10-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Theatre, Audition, 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

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 (WEL)

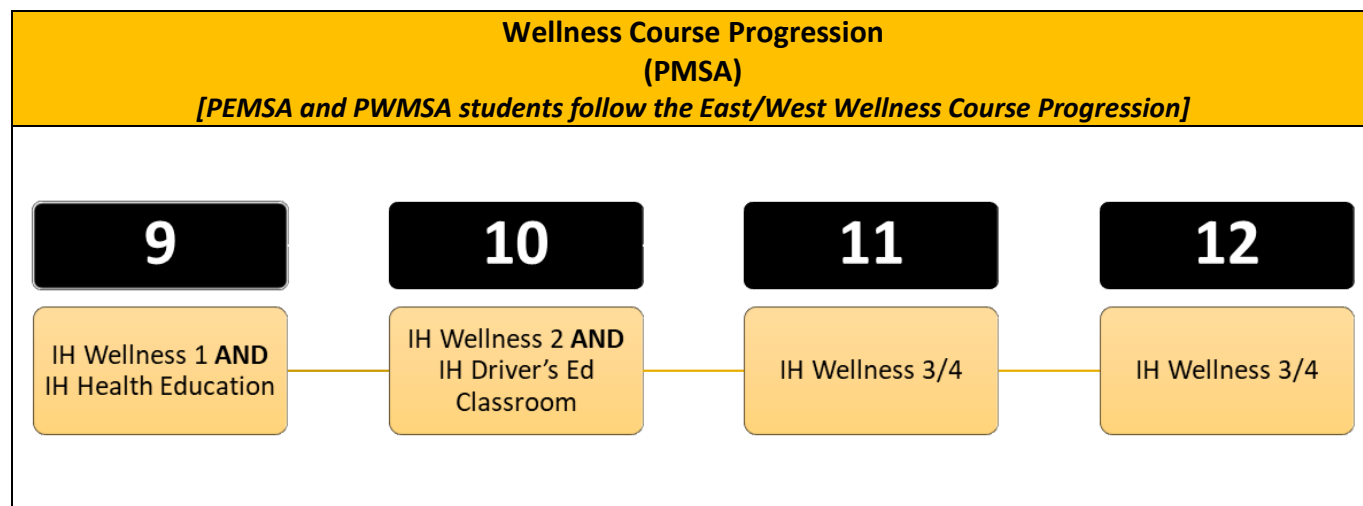
4 credits are required.

Required Courses: IH Health Education, IH Wellness 1, IH Wellness 2, IH Wellness 3/4, and IH Driver's Education: Classroom. IH Driver's Education: Behind-the-Wheel (BTW) is a non-credit bearing course.

Students may take selected courses for Dual Credit with Triton College based upon an approved Dual Credit application and staff credentials. Dual Credit course offerings have been identified with a Dual Credit Proviso course code in the course descriptions below.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH Health Education	X				0.5	None
IH Wellness 1	X				0.5	None
IH Wellness 2		X			0.5	IH Wellness 1
IH Wellness 3/4			X	X	1.0	IH Wellness 2
IH Driver's Education: Classroom		X	X	X	0.5	Must receive a passing grade in at least eight (8) semester courses during the previous two (2) semesters prior to enrolling in the Driver's Education program <b>and</b> must have Sophomore, Junior, or Senior standing
IH Driver's Education Behind-the-Wheel (BTW)		X	X	X	0	15 years of age, IH Driver's Education: In the Classroom, <b>and</b> Driving Permit

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



### Course Descriptions (in alphabetical order)

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

Grade: 10-12

Length: 6 hours

Credit: 0 (Non-credit course)

Prerequisite: 15 years of age, IH Driver's Education in the Classroom, and Driving Permit

State Course Code: N/A

Proviso Course Code: WEL610154

IH Driver's Education: Behind-the-Wheel (BTW) 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 (BTW) instruction with their parent/guardian and the 6-hour behind-the-wheel school phase either before or after school, during the school day, on weekends, or during the summer. Fees: \$150.00 user fee payable to Proviso Township High Schools and a \$20.00 application fee for permit payable to the Secretary of State which covers the cost of the permit and a 3-year driver's license (if the student does not currently hold a valid permit). All fees are subject to change. Two or more absences will disqualify a student from completing BTW; in turn, the student will be dropped from the course and put at the bottom of the waitlist. Students will not be allowed to drive without a permit or glasses when glasses are required. Being unable to drive will count as an absence.

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

Grade: 10-12

Length: 1 semester

Credit: 0.5

Prerequisite: Must receive a passing grade in at least eight (8) semester courses during the previous two (2) semesters prior to enrolling in the Driver's Education program and must have Sophomore, Junior, or Senior standing

State Course Code: 08151A000

Proviso Course Code: WEL610153

This 3-phased course is based on an integrated curriculum of classroom theory, simulation activities, and actual behind-the-wheel (BTW) experience in a dual-controlled vehicle (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 safe and legal operation of a vehicle. At the beginning of the course, students will receive their permit, which must be held a minimum of nine (9) months (plus 1 day) before they can be issued a license. The permit is valid for two (2) years from the date of issue. The Illinois Secretary of State will allow any student age 15-17 to obtain their permit within 30 days of starting an approved Driver's Education course. Sophomores enrolling in first semester must be born on or before 03/15 of the year the course begins and those born on or after 03/16 of that same year will be enrolled in second semester unless circumstances based on need warrant prior consideration. These cut-off dates may vary based on enrollment numbers with priority being given to the oldest students. Repeat enrollment may be restricted to summer sessions only. Fees: \$20.00 application fee for permit payable to the Secretary of State which covers the cost of the permit and a 3-year driver's license. All fees are subject to change.

### **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 3/4**

Grade: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Wellness 2

State Course Code: 08001A000

Proviso Course Code: WEL213301 (*If Dual Credit: WEL513301*)

This course is the third and 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 (WLA)

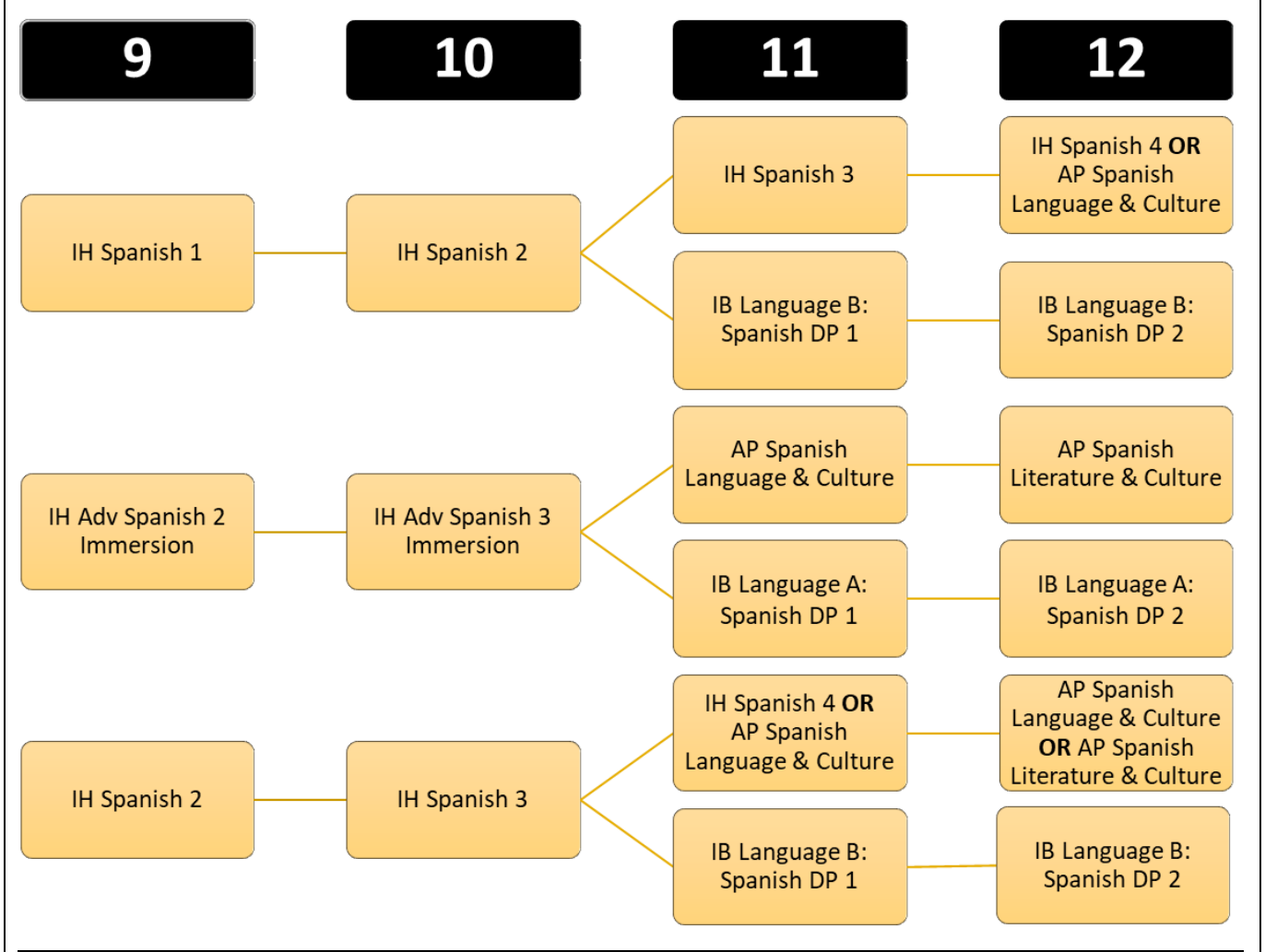
2 credits of the same language are required.

Course Name	9	10	11	12	Credit	Prerequisite <sup>#</sup>
IH French 1	X				1.0	None
IH French 2		X			1.0	IH French 1 <b>or</b> Placement Test
IH French 3			X	X	1.0	IH French 2
IH French 4				X	1.0	IH French 3
IB Language Ab Initio French SL Year 1			X		1.0	New to language, IB application submitted
IB Language Ab Initio French SL Year 2				X	1.0	IB Language Ab Initio French SL Year 1
IB Language B French - DP Year 1			X		1.0	Acceptance into the IB Diploma or Certificate Programme <b>and</b> 2.0 credits in French
IB Language B French - DP Year 2				X	1.0	IB Language B French - DP Year 1
IH Spanish 1	X				1.0	None
IH Spanish 2	X	X			1.0	IH Spanish 1 <b>or</b> Placement Test
IH Advanced Spanish 2 Immersion	X				1.0	Placement Test
IH Spanish 3		X	X	X	1.0	IH Spanish 2 <b>or</b> Placement Test
IH Advanced Spanish 3 Immersion		X			1.0	IH Advanced Spanish 2 Immersion <b>or</b> Teacher Recommendation
IH Spanish 4			X	X	1.0	IH Spanish 3 <b>or</b> Placement Test
AP Spanish Language & Culture			X	X	1.0	IH Spanish 4, IH Advanced Spanish 3 Immersion, <b>or</b> Teacher Recommendation
AP Spanish Literature & Culture				X	1.0	At least 3.0 credits in Spanish <b>and</b> AP Spanish Language & Culture, <b>or</b> Teacher Recommendation
IB Language Ab Initio Spanish SL Year 1			X		1.0	New to language, IB application submitted
IB Language Ab Initio Spanish SL Year 2				X	1.0	IB Language Ab Initio Spanish SL Year 1
IB Language A Spanish - DP Year 1			X			Acceptance into the IB Diploma or Certificate Programme <b>and</b> 2.0 credits in Spanish
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 <b>and</b> 2.0 credits in Spanish
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.

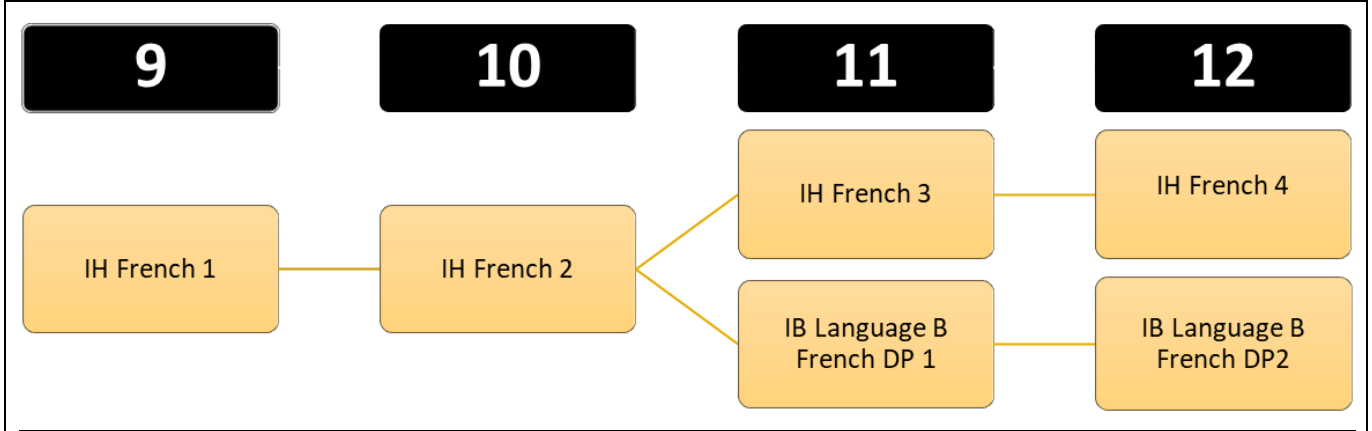
**World Languages: Spanish Course Progression  
(PMSA)**

**[PEMSA and PWMSA students will follow the East/West Spanish Course Progression]**



**World Languages: French Course Progression  
(PMSA)**

**[PEMSA and PWMSA students will follow the East/West French Course Progression]**



## Course Descriptions (in alphabetical order by language)

### FRENCH

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: New to language, IB application submitted

State Course Code: 24118A000

Proviso Course Code: WLA411118

French Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language Ab Initio French SL Year 1

State Course Code: 24118A000

Proviso Course Code: WLA412118

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

#### **IB Language B French - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme and 2.0 credits in French

State Course Code: 24113A000

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: 24113A000

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

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: 10

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: 11-12

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: 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: 11-12

Length: 2 semesters

Credit: 1.0

Prerequisite: IH Spanish 4, IH Advanced Spanish 3 Immersion, or Teacher Recommendation

State Course Code: 24064A000

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.

**AP® Spanish Literature & Culture**

Prerequisite: At least 3.0 credits in Spanish and AP Spanish Language & Culture or Teacher Recommendation

State Course Code: 24064A000

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.

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

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: New to language, IB application submitted

State Course Code: 24068A000

Proviso Course Code: WLA411068

Spanish Ab Initio courses prepare students to take the International Baccalaureate exam. This course focuses on developing the linguistic abilities of students with little or no experience with the language of study. Course content includes the study of individuals and society, leisure and work, and urban and rural environments. This course also provides students with the opportunity to practice and explore this language.

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

Grade: 12

Length: 2 semesters

Credit: 1.0

Prerequisite: IB Language Ab Initio Spanish SL Year 1

State Course Code: 24068A000

Proviso Course Code: WLA412068

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

### **IB Language A Spanish - DP Year 1**

Grade: 11

Length: 2 semesters

Credit: 1.0

Prerequisite: Acceptance into the IB Diploma or Certificate Programme and 2.0 credits in Spanish

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: 24067A000

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 and 2.0 credits in Spanish

State Course Code: 24063A000

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: 24063A000

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

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: 9-10

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: 10-12

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 11-12

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"*