

VOL. 2026-2027

AGORA CYBER CHARTER SCHOOL

# Course Selection Manual

Grades  
9-12

## Chart your Courses

In consultation with your School Counselor, use this as a guide  
to make high school course selections that lead to a path  
toward Graduation



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## Planning Your High School Journey

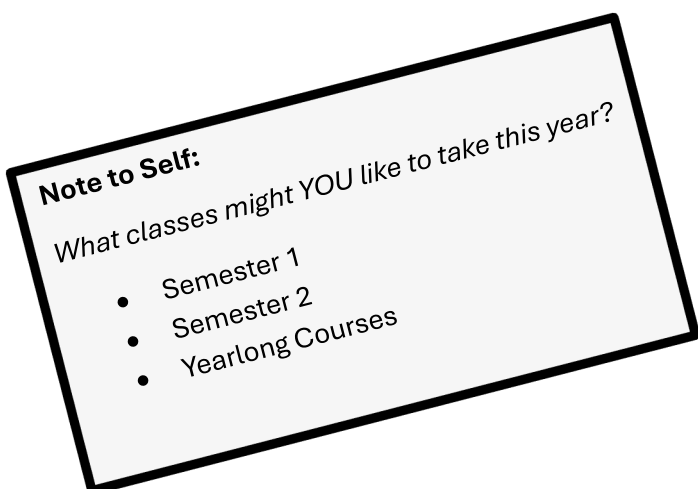
As a high school student, one of the most important decisions which you will face each year is the selection of courses. As you review the HS course options, credits, requirements, take notes, ask questions and consult your counselor. Use these tools to jot notes and make good choices for your future!

**PRINT and PLAN!**

[HS Course Planning Sheet \(Students\)](#)

## Course Requirements

In planning a program, each year positions you to attain necessary credits to graduate. Agora graduates are striving to complete **22** credits by graduation.



Here is an example of what a 4-year program would look like:

| Ninth Grade – Class of 2030 |           |
|-----------------------------|-----------|
| Subject                     | Credits   |
| English*                    | 1.00      |
| Social Studies*             | 1.00      |
| Math*                       | 1.00      |
| Science*                    | 1.00      |
| Physical Education          | 0.50      |
| Health                      | 0.50      |
| World Language              | 0.50–1.00 |
| <b>Total Credits</b>        | 5.50–6.00 |

| Tenth Grade – Class of 2029 |         |
|-----------------------------|---------|
| Subject                     | Credits |
| English*                    | 1.00    |
| Social Studies*             | 1.00    |
| Math*                       | 1.00    |
| Science*                    | 1.00    |
| Physical Education          | 0.50    |
| Humanities                  | 1.00    |
| Career Explorations         | 0.50    |
| <b>Total Credits</b>        | 6.00    |

| Eleventh Grade – Class of 2028 |         |
|--------------------------------|---------|
| Subject                        | Credits |
| English*                       | 1.00    |
| Social Studies*                | 1.00    |
| Math*                          | 1.00    |
| Science*                       | 1.00    |
| Physical Education             | 0.50    |
| Humanities                     | 1.00    |
| Personal Finance               | 0.50    |
| <b>Total Credits</b>           | 6.00    |

| Twelfth Grade – Class of 2027 |         |
|-------------------------------|---------|
| Subject                       | Credits |
| English*                      | 1.00    |
| Electives                     | 4.00    |
| <b>Total Credits</b>          | 5.00    |



## Special Programs

**While we have recommendations and guidance for a sequence of courses, we also want to highlight special programs to consider as you plan toward graduation. Our goal is to enable all students to reach their highest potential by offering ways to enrich the experience and support your learning journey.**

### **Advanced Placement Courses – (click the link)**

Advanced Placement (AP) courses are designed for college-bound students. These courses are the equivalent of college level courses and can lead to credit being granted at the college level for the successful completion of the program and passing the AP Exam.

It is important to note that as a culminating part of the AP program, there is an exam that is offered to students that may help them obtain college credit. The test is not a requirement, but we encourage our students to take advantage of this opportunity.

### **Dual Enrollment Courses and Colleges**

Agora students in their junior and senior year can take up to two courses (one in the fall and one in the spring) during the school year to earn college credit for classes.

Partner Colleges: Community College of Allegheny County, Harrisburg Area Community College, Indiana University of Pennsylvania, Lackawanna College, Montgomery County Community College, Point Park University and PennWest University. Please consult your school counselor for specifics and any additional partnerships as you plan for your schedule.

### **Credit Recovery Courses**

Our credit recovery course options are designed to help students get back on track for graduation by retaking the essential content and course requirements that the student has not completed during an initial course offering. This option is unique since the courses are offered within a Semester, yet students can recover a full credit. Further, these courses are offered in a synchronous format, allowing students to receive real-time instruction along the way. CR courses offer a streamlined mastery approach that allows students to focus on the content they need to learn. Students complete short assessments at the start to identify areas requiring review, and they can move through the course faster by demonstrating mastery. The courses include built-in support tools and ensure students fully understand material before moving on.



## REQUIREMENTS SET FORTH BY ACT 158 OF 2018 (KEYSTONE EXAM REQUIREMENTS)

Please refer to **PDE [HS Graduation Requirements](#)**. PA Graduates have multiple ways to fulfill their graduation goals. At Agora, we ensure that all students reach graduation through several possible trajectories. Consult your counselor for the best fit for you:

- I. **Keystone Exam Proficient Pathway** – Scoring Proficient or Advanced on each Keystone Exam – Algebra 1, Literature, & Biology
- II. **Keystone Composite Pathway** – Earning a satisfactory composite score on the Algebra 1, Literature, and Biology Keystone Exams by achieving at least a proficient score on one or more of the three exams and no less than a basic score on the remaining two – the satisfactory composite score as determined by PDE is 4452

**PROJECTED KEYSTONE WINDOW for 2026-2027: May 17-28, 2027**

- III. **Alternative Assessment Pathway**
- IV. **Evidence Based Pathway.**

(Throughout the HS Course Selection manual, we will indicate any Keystone trigger courses with a \* for your awareness. Prioritize these courses in your planning.)



### A Message to Students and Caregivers:

We are so pleased to be able to serve you as we enter the 2026-2027 school year. It is our vision to support and prepare all students to reach their highest potential by actively engaging in their education, achieving their personal learning goals, and developing the skills necessary for lifelong success. A key component of this journey is selecting the courses that will shape your academic experience and future opportunities.

In this Course Guide you will see a wide variety of courses designed to challenge and inspire you. Our offerings include rigorous academic courses and a wide range of electives to help you explore your interests and prepare for life beyond high school.

Our dedicated, Pennsylvania state-certified school counselors are here to work with you throughout the course selection process, ensuring that you meet graduation requirements while aligning your choices with your personal aspirations. Additionally, all our courses are taught by highly qualified and Pennsylvania state-certified teachers, committed to providing you with an enriching and supportive learning environment.

We wish you success as you begin the 2026-2027 school year.

**Dr. Richard Jensen**  
Chief Executive Officer

**Dr. Anne Butler**  
Chief Academic Office



## High School Curriculum Overview:

### CORE CLASSES

Click here to download: [Chart of Classes by Grade](#)

| Grade 9                                                                 | Grade 10                                                                                                                   | Grade 11                                                                                                                                                                                                                                                                                                                 | Grade 12                                                                                                                                                                                                                                                          | Can span 9-12                                                                                                                                                                                       |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>English</b>                                                          |                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                     |
| English 9 (General, CR, Honors)<br>English Foundations II (Remediation) | English 10 (General, CR, Honors)<br>English Foundations II (Remediation)<br><br><u>English Electives</u><br>Journalism     | American Literature (General, Honors)<br>AP English Language and Composition<br>English Foundations II (Remediation)<br><u>English Electives</u><br>Gothic Literature<br>Journalism<br>Public Speaking<br>Creative Writing                                                                                               | British and World Literature (General, Honors)<br>AP English Language and Composition<br>English Foundations II (Remediation)<br><u>English Electives</u><br>Gothic Literature<br>Journalism<br>Public Speaking<br>Creative Writing                               | Principles of ELA<br>ELA Skills<br>ELA Fundamentals<br><br>Functional ELA A<br>Real World ELA E<br>Real World ELA C<br>Real World ELA A                                                             |
| <b>Math</b>                                                             |                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                     |
| Pre-Algebra<br>Algebra I (General, CR, Honors)<br>Integrated Math       | Geometry (General, Honors)<br>Algebra II (General, Honors)<br>Integrated Math                                              | Algebra II (General, Honors)<br>Pre-Calculus/Trigonometry<br>Personal Finance<br>Integrated Math<br>Practical Math<br><u>Math Electives</u><br>Probability and Statistics                                                                                                                                                | Pre-Calculus/Trigonometry<br>Calculus<br>Integrated Math<br>Practical Math<br><br><u>Math Electives</u><br>Probability and Statistics                                                                                                                             | Principles of Math<br>Math Skills<br>Math Fundamentals<br>Functional Math A<br><br>Real World ELA E, C, A                                                                                           |
| <b>Science</b>                                                          |                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                     |
| Earth Science (General, Honors)                                         | Biology (General, Credit Recovery, Honors)<br>Physical Science<br><u>Science Electives</u><br>Anatomy and Physiology 1 & 2 | Chemistry (General, Honors)<br><br><u>Science Electives</u><br>Environmental Science<br>Astronomy<br>Anatomy and Physiology 1 & 2<br>AP Biology                                                                                                                                                                          | Physics (General, Honors)<br><br><u>Science Electives</u><br>Environmental Science<br>Astronomy<br>Anatomy and Physiology 1 & 2<br>AP Biology                                                                                                                     | Biology Fundamentals<br>Physical Sci Fundamentals<br>Earth Sci Fundamentals<br>Life Science Exploration                                                                                             |
| <b>Social Studies</b>                                                   |                                                                                                                            |                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                     |
| World History (General, CR, Honors)                                     | US History (General, CR, Honors)<br><u>Social Studies Electives</u><br>Anthropology                                        | <u>Social Studies Electives</u><br>Anthropology<br>Archaeology<br>Contemporary World Issues<br>Criminology<br>Geography and World Cultures<br>Law and Order<br>Psychology<br>US Government and Politics<br>US and Global Economics<br>AP World History Modern<br>AP Psychology<br>Modern World Studies (General, Honors) | <u>Social Studies Electives</u><br>Anthropology<br>Archaeology<br>Contemporary World Issues<br>Criminology<br>Geography and World Cultures<br>US and Global Economics<br>Psychology<br>US Government and Politics<br><br>AP World History Modern<br>AP Psychology | US History Fundamentals<br>World History Fundamentals<br>Civics Exploration<br>Psychology Exploration<br>US History Exploration<br>Real World Science & History C<br>Real World Science & History A |

**High School Curriculum Overview:****ELECTIVE CLASSES**Click here to download: [Chart of Classes by Grade](#)

| General Education                                                                                                       |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            | *Determined by IEP                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grade 9                                                                                                                 | Grade 10                                                                                                                                                                                                        | Grade 11                                                                                                                                                                                                                                                                                                                                 | Grade 12                                                                                                                                                                                                                                                                                                                                                                   | Can span 9-12                                                                                                                                                                                                             |
| World Languages                                                                                                         |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                           |
| Spanish I<br>French I<br>Chinese I                                                                                      | Spanish I, II<br>French I<br>Chinese I                                                                                                                                                                          | Spanish I, II, III<br>French I<br>Chinese I                                                                                                                                                                                                                                                                                              | Spanish I, II, III<br>French I<br>Chinese I                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                           |
| Arts/Humanities                                                                                                         |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                           |
| Foundations of Art A, B<br>Foundations of Music A, B                                                                    | Foundations of Art A, B<br>Digital Arts I, II<br>Image Design and Editing<br>3D Modeling<br>Foundations of Music A, B                                                                                           | Foundations of Art A, B<br>Fine Art<br>Digital Arts I, II<br>Image Design and Editing<br>3D Modeling<br>Foundations of Music A, B<br>AP Music Theory                                                                                                                                                                                     | Foundations of Art A, B<br>Fine Art<br>3D Animation<br>Digital Arts I<br>Image Design and Editing<br>Game Design<br>AP Music Theory<br>Foundations of Music A, B                                                                                                                                                                                                           |                                                                                                                                                                                                                           |
| Electives                                                                                                               |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                           |
| Business and Marketing Exploration<br>Medical Terminology I<br>Introduction to Biological Sciences<br>Computer Literacy | Business and Marketing Exploration<br>Medical Terminology I<br>Drivers Safety<br>Introduction to Biological Sciences<br>Fashion Design<br>Interior Design<br>Computer Literacy<br>Intro to Python Programming I | Intro to Entrepreneurship I<br>Marketing I<br>Accounting<br>Hospitality and Tourism<br>Medical Terminology I<br>Drivers Safety<br>Nutrition and Wellness<br>Introduction to Biological Sciences<br>Early Childhood Education<br>Culinary Arts<br>Fashion Design<br>Interior Design<br>Computer Literacy<br>Intro to Python Programming I | Intro to Entrepreneurship I<br>Marketing I<br>Accounting<br>Hospitality and Tourism<br>Medical Terminology I<br>Nutrition and Wellness<br>Introduction to Biological Sciences<br>Early Childhood Education<br>Culinary Arts<br>Fashion Design<br>Interior Design<br>Computer Literacy<br>Intro to Python Programming I                                                     | Skills for Health<br>Physical Education<br><br>Art Exploration<br>Music Exploration<br>Physical Education Exploration<br>Independent Living Exploration<br>Personal Finance Exploration<br>Health & Nutrition Exploration |
| *Additional Special Education Course Options                                                                            |                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                           |
|                                                                                                                         | <b>Transition</b><br>Transition 9<br>Transition 10<br>Transition 11<br>Transition 12<br>Transition 9A<br>Transition 10A<br>Transition 11A<br>Transition 12A<br>Transition 12B<br>Transition 12C                 |                                                                                                                                                                                                                                                                                                                                          | <b>Self-Regulation</b><br>Social Skills Resource Room<br>Social Skills Fundamentals<br>Executive Function Resource Room<br>Executive Function Fundamentals<br>Social Skills & Executive Function Exploration<br><br>Foundations of SEL - 9th grade<br>SEL Skills - 10th grade<br>Principles of SEL - 11th grade<br>SEL for Post-Secondary - 12th grade<br>SEL Fundamentals |                                                                                                                                                                                                                           |



## Humanities: *English*

| Grade Association | Course Name                           | NCAA Approved | Course Length | Prerequisites                  | Course Type            |
|-------------------|---------------------------------------|---------------|---------------|--------------------------------|------------------------|
| 9                 | English Foundations II                | No            | Year          | None                           | Foundational           |
| 9                 | English 9                             | Yes           | Year          | Middle School English          | General, Honors        |
| 10                | English 10 *                          | Yes           | Year          | English 9                      | General, Honors        |
| 11                | American Literature                   | Yes           | Year          | English 10                     | General, Honors        |
| 12                | British and World Literature          | Yes           | Year          | American Literature            | General, Honors        |
| 9-12              | Journalism                            | Yes           | Semester      | None                           | General elective       |
| 9-12              | Public Speaking                       | Yes           | Semester      | None                           | General elective       |
| 9-12              | Creative Writing                      | Yes           | Year          | None                           | General elective       |
| 9-12              | Gothic Literature                     | Yes           | Semester      | English 10                     | General elective       |
| 9-12              | AP English Language and Composition * | Yes           | Year          | Honors American Literature     | AP                     |
| 9-12              | ELA Fundamentals                      | No            | Year          | Special consideration with IEP | IEP recommendation     |
| 9-12              | ELA Skills                            | No            | Year          | Special consideration with IEP | IEP recommendation     |
| 9-12              | Principles of ELA                     | No            | Year          | Special consideration with IEP | IEP recommendation     |
| 9-12              | Resource ELA                          | No            | Year          | Special consideration with IEP | IEP recommendation     |
| 9-12              | English Language Development ELD      | No            | Year          | English Language learners      | Placement by counselor |

### **ENG011: English Foundations II (Remediation) (Credit 1.0)**

Students build and reinforce foundational reading, writing, and basic academic skills needed for success in high school. Struggling readers develop mastery in reading comprehension, vocabulary building, study skills, and media literacy. Students build confidence in writing fundamentals by focusing on composition in a variety of formats, grammar, style, and media literacy. Formative assessments identify areas of weakness, lessons are prescribed to improve performance, and summative assessments track progress and skill development.



### **ENG101: English 9 (Credit 1.0)**

This standards-focused course challenges students to improve their written skills, while strengthening their ability to understand and analyze literature in a variety of genres.

**Literature:** Students read a broad array of fiction and nonfiction texts. The course guides students in the close reading and critical analysis of works of literature and informational texts and helps them appreciate the texts and the contexts in which the works were written.

**Language Skills:** Students broaden their composition skills by completing constructed responses, a text-dependent analysis essay, and other written projects. Revision and editing skills are practiced through feedback and in class remediation.

### **ENG102: Honors English 9 (Credit 1.0)**

This course challenges students to improve their writing skills, while strengthening their ability to understand and analyze literature in a variety of genres. Students enrolled in this course will be offered enrichment opportunities that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned.

**Literature:** Students read a broad array of short stories, poetry, drama, novels, autobiographies, essays, and famous speeches. The course guides students in the close reading and critical analysis of literature and helps them appreciate the texts and the context in which the works were written.

**Language Skills:** Students broaden their composition skills by completing various writing assignments. Students will focus on text dependent analysis questions and learn to provide valid and relevant evidence to support their answers.

### **ENG105: English 9 Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements for English 9. This option is unique since the course is offered within a semester, yet students can recover one credit. Further, this course is offered in a synchronous format allowing students to receive real-time instruction along the way. It offers a streamlined mastery approach that allows students to focus on the content they need to learn. Students complete short assessments at the start of each unit to identify areas requiring review. A self-paced course, students can move through the course faster by demonstrating mastery.

### **ENG201: English 10\* (Credit 1.0)**

In this course, students build on existing literature and composition skills and move to higher levels of analytical sophistication. \*Keystone trigger course

**Literature:** Students hone their skills of literary analysis by reading short stories, poetry, drama, informational texts, and works of nonfiction. High interest, modern, relevant texts, and assessments are also considered supplemental material. Additionally, the course focuses on Keystone reading and writing skills, aligned with the Common Core Standards and Keystone Anchors.

**Language Skills:** In this course, students become more proficient writers and readers. In composition lessons, students write analytical responses to a written piece and learn to extract key evidence to answer critical questions about the passage. Students will focus on using text-dependent evidence from the reading passages to support their writing in both single paragraph and multi-paragraph responses.



### **ENG202: Honors English 10\* (Credit 1.0)**

In this course, students build on existing literature and composition skills and move to higher levels of analytical sophistication. \*Keystone trigger course

**Literature:** Students hone their skills of literary analysis by reading short stories, poetry, drama, novels, and works of nonfiction, both classic and modern. The course focuses on practice of Keystone reading and writing skills, aligned with the PA State Standards/Keystone Anchors.

**Language Skills:** In this course, students become more proficient writers and readers. In composition lessons, students write analytical responses to a written piece and learn to extract key evidence to answer critical questions about the passage. Students will also work to strengthen their skills through peer critiquing and scoring practice. Students also explore narrative, persuasive, and research writings. Projects will be assigned throughout the school year that will challenge students to apply these skills on a more advanced level.

### **ENG205: English 10 Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements for English 10. This option is unique since the courses are offered within a semester, yet students can recover one credit. Further, this course is offered in a synchronous format allowing students to receive real-time instruction along the way. It offers a streamlined mastery approach that allows students to focus on the content they need to learn. Students complete short assessments at the start to identify areas requiring review, and they can move through the course faster by demonstrating mastery.

### **ENG303: American Literature (Credit 1.0)**

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, research projects, and online discussions.

### **ENG304: Honors American Literature (Credit 1.0)**

In this course, students read and analyze works of American literature from Colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students enrolled in this challenging course will also complete projects that deepen their understanding of the themes and ideas presented in the curriculum.

### **ENG306: American Literature Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements. This course is offered in a synchronous format allowing students to receive real-time instruction along the way. It offers a streamlined mastery approach that allows students to focus on the content they need to learn. Students complete short assessments at the start to identify areas requiring review, and they can move through the course faster by demonstrating mastery.

### **ENG403: British and World Literature (Credit 1.0)**

Students read selections from British and World literature in a loosely organized chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills.



### **ENG404: Honors British and World Literature (Credit 1.0)**

Students read selections from British and World literature in a chronological framework. They analyze the themes, styles, and structures of these texts and make thematic connections among diverse authors, periods, and settings. Students work independently on many of their analyses and engage in creative collaboration with their peers. Students complete an independent Honors writing portfolio throughout the year.

### **ENG500: AP English Language and Composition (Credit 1.0)**

Students learn to understand and analyze essays and speeches by a variety of authors. They cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts rich in rhetorical situation, claims and evidence, reasoning and organization, and style. In this equivalent of an introductory college-level composition class, students prepare for the AP® Exam and for further study in communications, creative writing, journalism, literature, and composition.

### **ENG010: Journalism (Credit 0.5)**

This is an introductory course in Journalism where students will explore the history of journalism; how social media and the digital world has changed the way news media operates; the basics of press law and the code of ethics that journalists should follow; how to make one's writing and speaking more powerful; and how to discover the importance of pictures and images when telling a story.

### **ENG020: Public Speaking (Credit 1.0)**

Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study speech types (informative, persuasive, dramatic, and special occasions), read and listen to speech models, and present their own speeches to diverse audiences. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

### **ENG030: Creative Writing (Credit 1.0)**

Students that love writing get to explore a range of creative writing genres, including but not limited to: memoirs, fiction, poetry, creative nonfiction, drama, journaling, and multimedia writing. Students will study examples of writing through classic and contemporary selections and will apply that knowledge and understanding to their writing. In addition, students will develop an intimate understanding of the writing process and its application to various projects. Learning activities include a significant amount of writing with each unit of study.

**Special Note:** English elective, however this is offered as a yearlong option.

### **OTH036: Gothic Literature (Credit 1.0)**

This course focuses on the major themes found in Gothic literature and demonstrates how the core writing drivers produce a suspenseful environment for readers. It presents some of the recurring themes and elements found in the genre. As they complete the course, students gain an understanding of and appreciation for the complex nature of Gothic literature.



## **\*\*Specialized & Intervention Pathways\*\***

*The following English intervention and differentiated courses support students with IEP-directed goals. Placement is determined by IEP team recommendation. All students participating in these courses must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

### **ELA Fundamentals (Credit 1.0)**

ELA Fundamentals is a differentiated reading intervention course which aligns with Common Core Standards and the student's Individualized Education Program. In this full year course, students will work to close the gap between foundational skills at the 2nd to 3rd grade level while having exposure to grade-level material in the areas of vocabulary, reading fluency, reading comprehension, grammar, and written expression.

### **ELA Skills (Credit 1.0)**

ELA Skills is a differentiated reading intervention course which aligns with Common Core Standards and the student's Individualized Education Program. In this full year course, students will work to close gap between foundational skills at the 4th to 5th grade level while having exposure to grade-level material in the areas of vocabulary, reading fluency, reading comprehension, grammar, and written expression.

### **Principles of ELA (Credit 1.0)**

Principles of ELA is a differentiated reading intervention course which aligns with Common Core Standards and the student's Individualized Education Program. In this full year course, students will work to close the gap between foundational skills at the 6th to 7th grade level while having exposure to grade-level material in the areas of vocabulary, reading fluency, reading comprehension, grammar, and written expression.

### **Resource ELA (Credit 0.2)**

In this course, students will work within a small group taught by the special education learning support teacher to focus on instruction which aligns with the student's Individualized Education Program and the General Education ELA course. This course is for special education students who are below grade level with needs in the areas of reading fluency, reading comprehension and/or written expression.

**Special Note:** This course is scheduled as a 2-part Full Year course, worth 0.1 credits per semester, with a total of 0.2 possible by the end of the year. This is a Pass/Fail course.

### **English Language Development ELD (Credit 0.2)**

*This English Language Development course is designed only for multilingual learners at various stages of English acquisition. Grounded in Science of Reading principles, the course emphasizes the five critical components of reading instruction. Through differentiated instruction and tiered support, students develop foundational and advanced English language skills while building confidence as readers, writers, and communicators.*



## Humanities: *History & Social Studies*

| Grade Association | Course Name                     | NCAA Approved | Course Length | Prerequisites                      | Course Type        |
|-------------------|---------------------------------|---------------|---------------|------------------------------------|--------------------|
| 9                 | World History                   | Yes           | Year          | MS History                         | General, Honors    |
| 9-10              | US History                      | Yes           | Year          | World History                      | General, Honors    |
| 11-12             | Modern World Studies            | Yes           | Year          | World History                      | General, Honors    |
| 10-12             | Introduction to Anthropology    | Yes           | Semester      | World History                      | General elective   |
| 10-12             | Introduction to Archaeology     | Yes           | Semester      | World History                      | General elective   |
| 11-12             | Contemporary World Issues       | Yes           | Year          | World History & US History         | General elective   |
| 11-12             | Introduction to Criminology     | Yes           | Semester      | US History                         | General elective   |
| 11-12             | Geography and World Cultures    | Yes           | Year          | World History                      | General elective   |
| 10-12             | Psychology                      | Yes           | Semester      | None                               | General elective   |
| 11-12             | US Government and Politics      | Yes           | Semester      | US History                         | General elective   |
| 11-12             | US and Global Economics         | Yes           | Semester      | US History                         | General elective   |
| 10-12             | AP Psychology                   | Yes           | Year          | Honors Biology & Recommendation    | AP                 |
| 11-12             | AP World History: Modern        | Yes           | Year          | Honors US History & Recommendation | AP                 |
| 9-12              | Real World Science & History AB | No            | Semester      | Special consideration with IEP     | IEP recommendation |
| 9-12              | Real World Science & History CD | No            | Semester      | Special consideration with IEP     | IEP recommendation |
| 9-12              | Civics Exploration              | No            | Semester      | Special consideration with IEP     | IEP recommendation |
| 9-12              | Psychology Exploration          | No            | Semester      | Special consideration with IEP     | IEP recommendation |
| 9-12              | US History Exploration          | No            | Year          | Special consideration with IEP     | IEP recommendation |
| 9-12              | US History Fundamentals         | No            | Year          | Special consideration with IEP     | IEP recommendation |
| 9-12              | World History Fundamentals      | No            | Year          | Special consideration with IEP     | IEP recommendation |



### **HST103: World History (Credit 1.0)**

In this comprehensive survey of world history from prehistoric to modern times, students focus in depth on the developments and events that have shaped civilization across time. The course is organized chronologically and within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Students are challenged to consider topics in depth as they analyze primary sources and maps, create timelines, and complete other projects—practicing historical thinking and writing skills as they explore the broad themes and big ideas of human history.

### **HST104: Honors World History (Credit 1.0)**

In this challenging survey of world history from prehistoric to modern times, students focus in depth on the developments and events that have shaped civilization across time. The course is organized chronologically and, within broad eras, regionally. Lessons address developments in religion, philosophy, the arts, science and technology, and political history. The course also introduces geography concepts and skills within the context of the historical narrative. Students are challenged to consider topics in depth as they analyze primary sources and maps, create timelines, and complete other projects—practicing advanced historical thinking and writing skills as they explore the broad themes and big ideas of human history. Students complete an independent honors project each semester.

### **HST106: World History Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements for World History. This option is unique since the courses are offered within a semester, yet students can recover one credit. This course is offered in a synchronous format allowing students to receive real-time instruction along the way. It offers a streamlined mastery approach that allows students to focus on the content they need to learn. Students complete short assessments at the start to identify areas requiring review, and they can move through the course faster by demonstrating mastery.

### **HST203: Modern World Studies (Credit 1.0)**

In this comprehensive course, students follow the history of the world from approximately 1870 to the present. They begin with a study of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Activities include analyzing primary sources and maps, participating in activities and discussions, and completing projects and written assignments.

### **HST204: Honors Modern World Studies (Credit 1.0)**

Students begin with an analysis of events leading up to 1914, including the Second Industrial Revolution and the imperialism that accompanied it. Their focus then shifts to the contemporary era, including two world wars, the Great Depression, and global Cold War tensions. Students undertake an in-depth examination of both the staggering problems and astounding accomplishments of the twentieth century, with a focus on political and social history. Students also explore advanced topics in physical and human geography and investigate issues of concern in the contemporary world. Students complete an independent, comprehensive, honors research project each semester.

### **HST303: US History (Credit 1.0)**

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.



### **HST304: Honors US History (Credit 1.0)**

This course is a challenging full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research. Students complete independent projects each semester.

### **HST540: AP Psychology (1.0 Credit)**

This course is the equivalent of an introductory college-level course. Students receive an overview of current psychological research methods and theories. They explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy, and self-reflection. They study core psychological concepts, such as the brain and sensory functions, and learn to gauge human reactions, gather information, and form meaningful syntheses.

**Prerequisites:** Success in Honors Biology, or equivalent, and teacher/school counselor recommendation.

### **HST560: AP World History: Modern (Credit 1.0)**

This course is divided into four historical periods ranging from 1200 CE to the present in a rigorous academic format that is viewed through fundamental concepts and course themes. Students analyze the causes and processes of continuity and change across historical periods. Themes include humans and the environment, cultural developments and interactions, governance, economic systems, technology and innovation, and social interactions and organization. In addition to mastering historical content, students cultivate historical thinking skills that involve crafting arguments based on evidence.

### **HST012: Introduction to Anthropology (Credit 0.5)**

Anthropology is the study of human beings and their social, environmental, and cultural relationships over time. In this course, students familiarize themselves with their own culture as they explore cultures from around the world and from different periods in history. Students examine each culture through the lens of family, land, death, identity, and power, to explore the similarities and differences of cultural roles in various times and places. Students will also examine the importance of anthropology as one of the main branches of Social Sciences as they explore the five major categories of anthropology as physical, cultural, linguistic, social, and archaeological.

### **HST020: Psychology (Credit 0.5)**

In this introductory course, students explore why people think and act the way they do. Topics include key terms, the major concepts and theories of psychology, and ethical standards that govern psychological research. Students develop critical thinking skills to evaluate theories and current research, learn how psychological principles apply to their own lives, and build on reading, writing, and discussion skills.

### **OTH031: Introduction to Archaeology (Credit 0.5)**

The field of archaeology helps us better understand the events and societies of the past that have helped shape our modern world. Students focus on the techniques, methods, and theories that guide the study of the past. They learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. They explore the relationship of material items to culture and discover what we can learn about past societies from these items.



### **LAW220: Introduction to Criminology (Credit 0.5)**

Students are introduced to the field of criminology: the study of crime. They look at possible explanations for crime from psychological, biological, and sociological perspectives. Students learn about the categories and social consequences of crime, and how the criminal justice system handles criminals and their misdeeds.

### **HST213/HST214: Geography and World Cultures (Credit 1.0)**

This Geography course will examine a broad range of geographical perspectives covering all the major regions of the world. The course will explore where each region is located along with its physical characteristics, including absolute and relative location, climate, and significant geographical features. The exploration will then continue to look at each region from a cultural, economic, and political perspective, closely examining the human impact on each region from these perspectives as well as how human activities impact the environments of the region.

### **HST222: Contemporary World Issues (Credit 1.0)**

In this course students will compare governments, economies, cultures and geography of the world. Emphasis will be placed on the civics, politics, economics, structures, processes and policies of United States and then compared with those of the international community. Students will use what they know and learn about the United States and the world to analyze current events and contemporary issues. Reasoning and research skills will be applied to the content throughout the course.

### **HST403: US Government and Politics (Credit 0.5)**

This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court, and discuss their own views on current political issues.

### **HST413: US and Global Economics (Credit 0.5)**

In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. Topics of study include markets from historic and contemporary perspectives; supply and demand; theories of early economic philosophers; theories of value; money; Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and a survey of markets in such areas as China, Europe, and the Middle East.

### **\*\*Differentiated & Specialized Pathways\*\***

*The department offers courses aligned to IEP goals. Placement is determined by IEP team recommendation and program eligibility. All students participating in these courses must receive special education services and be eligible to participate in alternate state assessments. Students can be scheduled for this course based on an IEP team decision or Assistant Director approval.*

### **Real World Science & History AB (Credit 0.5)**

Life Science Exploration is the third course in a series of differentiated science courses which align with PASA DLM Essential Elements/STEELS Standards and the student's Individualized Education Program. Students explore the structure and function of living things, ecology, and biotechnology.

**Prerequisites:** Enrollment in Real World ELA/Math



### **Real World Science & History CD (Credit 0.5)**

Real World Science & History is a differentiated science and history course which aligns with the PASA DLM Essential Elements and the student's Individualized Education Program. In this year-long course, students will work on building on foundational skills at the Pre-K level in various areas of science and history.

**Prerequisites:** Enrollment in Real World ELA/Math

### **Civics Exploration (Credit 0.5)**

Civics Exploration is a differentiated social studies course that provides a broad range of topics from the organization and functions of the US Government. Students will focus on branches of government, the US Constitution and the political process.

### **Psychology Exploration (Credit 0.5)**

Psychology Exploration is a differentiated social studies course that provides a broad range of topics from psychology. Students will focus on the biological basics of behavior and why many people act the way they do; social influence and relationships (affects us in all aspects of life). The course will discuss psychology's roots in philosophy and natural science.

### **US History Exploration (Credit 1.0)**

US History Exploration is a differentiated social studies course that introduce students to broad themes chronologically from Colonial History through the Industrial Revolution. Within this year-long course, students will study skills related to vocabulary, mapping skills, creation of timelines, and geography throughout each period. Students will complete projects and build connections between each historical period and current events.

### **US History Fundamentals (Credit 1.0)**

US History Fundamentals introduces students to broad themes chronologically from colonial history through World War II. Students will study skills related to vocabulary, mapping skills, creation of timelines, and geography throughout each time period. Students will improve written expression as well as building connections between speaking and listening, written expression, and analyzing historical/non-fiction texts. Students will complete quarterly projects which require the student to build connections between each historical time period and current events through constructed response, text dependent analysis and presentations.

### **World History Fundamentals (Credit 1.0)**

World History Fundamentals introduces students to broad historical themes including early humans, agriculture, government, trade, religion, and the ways societies change over time. In this year-long course, students develop essential skills in vocabulary, mapping, geography, and the creation of timelines while studying world history from 1309 to the present day. Emphasis is placed on improving written expression and building connections among speaking and listening, writing, and the analysis of historical and non-fiction texts. Throughout the course, students complete quarterly projects that require them to connect each historical time period to current events through constructed responses, text-dependent analysis, and presentations.



## Mathematics

| Course Name               | NCAA Approved | Course Length | Prerequisites                                                    | Course Type      |
|---------------------------|---------------|---------------|------------------------------------------------------------------|------------------|
| Pre-Algebra               | No            | Year          | Math 8 or equivalent                                             | General          |
| Algebra I *               | Yes           | Year          | Math 8 or equivalent                                             | General, Honors  |
| Geometry                  | Yes           | Year          | Algebra I                                                        | General, Honors  |
| Algebra II                | Yes           | Year          | Algebra I & Geometry                                             | General, Honors  |
| Pre-Calculus/Trigonometry | Yes           | Year          | Geometry & Algebra II                                            | General          |
| Calculus                  | Yes           | Year          | Geometry, Algebra II, Pre-Calculus/Trigonometry & Recommendation | General          |
| Integrated Math           | Yes           | Year          | Algebra I                                                        | General          |
| Practical Math            | No            | Year          | Algebra I & Geometry                                             | General          |
| Personal Finance          | No            | Semester      | Algebra I                                                        | General          |
| Probability & Statistics  | Yes           | Semester      | Algebra I                                                        | General elective |

### MTH030: Personal Finance (Credit 0.5)

This course is a requirement for graduation. Students are assigned during 11<sup>th</sup> grade and focuses on the fundamentals of personal finance, income, spending, saving and investing, risk and insurance, and credit, with a goal to develop individuals who can manage their personal finances. Course also includes a unit on Behavioral Economics which combines elements of economics and psychology to understand how and why people behave the way they do in the real world with regards to money. Students learn core skills in creating budgets, and making responsible choices about income, expenses, saving, investing, establishing credit, managing debt, insurance, and protecting their personal information so they can meet their financial goals.

**Prerequisites:** *Algebra 1*

### MTH113: Pre-Algebra (Credit 1.0)

In this course, students take a broader look at computational and problem-solving skills while learning the language of algebra. Students translate word phrases and sentences into mathematical expressions; analyze geometric figures; solve problems involving percentages, ratios, and proportions; graph different kinds of equations and inequalities; calculate statistical measures and probabilities; apply the Pythagorean Theorem; and explain strategies for solving real-world problems.

**MTH128: Algebra I (Credit 1.0)**

Students develop algebraic fluency by learning the skills needed to solve equations and perform manipulations with numbers, variables, equations, and inequalities. They also learn concepts central to the abstraction and generalization that algebra makes possible. Topics include simplifying expressions involving variables, fractions, exponents, and radicals; working with integers, rational numbers, and irrational numbers; graphing and solving equations and inequalities; using factoring, formulas, and other techniques to solve quadratic and other polynomial equations; formulating valid mathematical arguments using various types of reasoning; and translating word problems into mathematical equations and then using the equations to solve the original problems. Students will develop fluency in data analysis through use of tables and graphs. \* Keystone trigger course.

**MTH129: Honors Algebra I (Credit 1.0)**

This course prepares students for more advanced courses while they develop algebraic fluency, learn the skills needed to solve equations, and perform manipulations with numbers, variables, equations, and inequalities. They also learn concepts central to the abstraction and generalization that algebra makes possible. Topics include simplifying expressions involving variables, fractions, exponents, and radicals; working with integers, rational numbers, and irrational numbers; graphing and solving equations and inequalities; using factoring, formulas, and other techniques to solve quadratic and other polynomial equations; formulating valid mathematical arguments using various types of reasoning; and translating word problems into mathematical equations and then using the equations to solve the original problems. This course includes all topics in MTH128, along with more challenging assignments and extension activities.

\*Keystone trigger course.

**MTH126: Algebra I Credit Recovery (Credit 1.0)**

The Algebra 1 Credit Recovery course leads students from their proficiency and understanding of numbers and operations into the mathematics of algebraic thinking. Building on pre-algebra skills developed in middle school, students deepen their understanding of linear expressions and equations, linear inequalities, and coordinate graphing. They then explore and learn about the function concept, radical expressions, exponential expressions and functions, quadratic functions, systems of equations, factoring and roots of equations, and basic statistical analysis.

**MTH208: Geometry (Credit 1.0)**

In this comprehensive course, students are challenged to recognize and work with geometric concepts in various contexts. They build on ideas of inductive and deductive reasoning, logic, concepts, and techniques of Euclidean plane and solid geometry. They develop deeper understandings of mathematical structure, method, and applications of Euclidean plane and solid geometry. Students use visualizations, spatial reasoning, and geometric modeling to solve problems. Topics of study include points, lines, and angles; triangles; right triangles; quadrilaterals and other polygons; circles; coordinate geometry; three-dimensional solids; geometric constructions; symmetry; the use of transformations; and non-Euclidean geometries.

**MTH209: Honors Geometry (Credit 1.0)**

Students work with advanced geometric concepts in various contexts. They build in-depth ideas of inductive and deductive reasoning, logic, concepts, and techniques of Euclidean plane and solid geometry. They also develop a sophisticated understanding of mathematical structure, method, and applications of Euclidean plane and solid geometry. Students use visualizations, spatial reasoning, and geometric modeling to solve problems. Topics of study include points, lines, and angles; triangles; right triangles; quadrilaterals and other polygons; circles; coordinate geometry; three-dimensional solids; geometric constructions; symmetry; the



use of transformations; and non-Euclidean geometries. This course includes all topics in MTH208, along with more challenging assignments and extension activities.

**MTH307: Practical Math (Credit 1.0)**

This course emphasizes real-world applications of mathematics that support students in developing understanding of key mathematical concepts. Data analysis, math modeling, and personal finance are key themes in this course. Specific topics of study include statistics, probability, graphs of statistical data, regression, finance, and budgeting. In addition, students learn how to use several mathematical models involving algebra and geometry to solve problems.

**MTH308: Algebra II (Credit 1.0)**

This course builds upon algebraic concepts covered in Algebra I and prepares students for advanced-level courses. Students extend their knowledge and understanding by solving open-ended problems and thinking critically. Topics include functions and their graphs, quadratic functions, inverse functions, and advanced polynomial functions. Students are introduced to rational, radical, exponential, and logarithmic functions; sequences and series; and data analysis.

**Prerequisites:** *Algebra 1 or Honors Algebra 1*

**MTH309: Honors Algebra II (Credit 1.0)**

This course builds upon advanced algebraic concepts covered in Algebra I and prepares students for advanced-level courses. Students extend their knowledge and understanding by solving open-ended problems and thinking critically. Topics include functions and their graphs; quadratic functions; complex numbers, and advanced polynomial functions. Students are introduced to rational, radical, exponential, and logarithmic functions, sequences and series, probability, and statistics. This course includes all topics in MTH308, along with more challenging assignments and extension activities.

**Prerequisites:** *Algebra I or Honors Algebra I*

**MTH332: Integrated Math (Credit 1.0)**

The purpose of this course is to provide students with an overview of the many mathematical disciplines. Topics include number sense, geometry, algebra, measurement, probability and statistics, and data interpretation. In this course students build mathematical skills that will allow them to solve problems and reason logically. The course will provide students with opportunities to communicate their understanding by organizing, clarifying, and refining mathematical information for a given purpose. Students will use every day mathematical language and notation in appropriate and efficient forms to clearly express ideas and information.

**Prerequisites:** *Algebra I*

**MTH403: Pre-Calculus/Trigonometry (Credit 1.0)**

Pre-Calculus/Trigonometry weaves together previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include complex numbers, linearity, and transformations; vectors and matrices including networks and linear transformations; rational and exponential functions, including work with inverse and composition of functions; trigonometry including trigonometric functions and inverse trigonometric functions; and probability and statistics. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics.

**Prerequisites:** *Geometry and Algebra II*



### **MTH413: Probability and Statistics (Credit 0.5)**

Students learn counting methods, probability, descriptive statistics, graphs of data, the normal curve, statistical inference, and linear regression. Problem-solving activities provide an opportunity for students to demonstrate their skills in real-world situations.

**Prerequisites:** Algebra I

### **MTH433: Calculus (Credit 1.0)**

This course is a comprehensive look at the study of differential and integral calculus concepts including limits, derivative and integral computation, linearization, Riemann sums, and the Fundamental Theorem of Calculus. Applications include graph analysis, linear motion, average value, area, and volume. Above average performance in Geometry, Algebra II and Pre-Calculus/Trigonometry, would be an indication of readiness for proficiency in Calculus.

## **\*\*Differentiated & Specialized Math Courses\*\***

*The department provides differentiated math pathways aligned with IEP goals. Placement is determined by IEP team recommendation. All students participating in this course must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

### **Real World Math A (Credit 1.0)**

Real World Math A is a differentiated math intervention course which aligns with the PASA DLM Essential Elements and the student's Individualized Education Program. Within this year-long course students will work on mastering IEP goals and building on foundational skills at the Pre-K level in the areas of number identification 0-20, number comparisons, patterns, identify and count money, telling time, addition and subtraction of numbers under 20 on their individual learning levels. Ability to attend to computer screen for up to 15 minutes and requires the greatest extent of direct content instruction.

### **Real World Math C (Credit 1.0)**

Real World ELA C is a differentiated math intervention course which aligns with the PA Alternate Eligible Content standards and the student's Individualized Education Program. Within this year-long course students will work on mastering IEP goals and building on foundational skills at the Pre-K to K level in the areas of number identification 0-20, number comparisons, patterns, identify and count money, telling time, addition and subtraction of numbers under 20 on their individual learning levels. Ability to attend to computer screen for up to 30 minutes and requires a moderate extent of direct content instruction.

### **Real World Math E (Credit 1.0)**

Real World Math E is a differentiated math intervention course which aligns with the PA Alternate Eligible Content standards and the student's Individualized Education Program. Within this year-long course students will work on mastering IEP goals and building on foundational skills at the K level in the areas of number identification 0-20, number comparisons, patterns, identify and count money, telling time, addition and subtraction of numbers under 20 on their individual learning levels. Ability to attend to computer screen for up to 50 minutes and requires guidance with foundational content.



### **Functional Math A (Credit 1.0)**

Functional Math A is a differentiated mathematics intervention course which aligns with the PA Alternate Eligible Content standards and the student's Individualized Education Program. Within this year-long course students will work on mastering IEP goals and building on foundational skills at the 1st grade level in the areas of math application, computation, and comprehension skills. Some topics that will be covered in this course include number identification from 0-20; identifying place value of ones and tens, identification of money including dollar bills and coins, telling time to the hour and half hour, and more. Requires guidance with content as well as the ability to extend learning.

### **Functional Math B (Credit 1.0)**

Functional Math B is a differentiated mathematics intervention course which aligns with the PA Alternate Eligible Content standards and the student's Individualized Education Program. Within this year-long course students will work on mastering IEP goals and building on foundational skills at the 2nd grade level in the areas of math application, computation, and comprehension skills. Some topics that will be covered in this course include counting from 0-11; addition and subtraction through 20, skip counting by 5s and 10, addition/subtraction of 2- and 3-digit numbers with and without regrouping, working with fractions, and more.

### **Personal Finance Exploration (Credit .5)**

In this functional skills course, students will explore personal finance skills needed to function appropriately in the community and in the home after graduation from high school. Students will participate in class discussions that involve scenarios that are likely in the community, school, home or the workplace. Topics included but are not limited to identifying need vs want, paychecks, rent/leases, banking, credit cards, bills, checkbooks, taxes, and budgeting.

### **Math Fundamentals (Credit 1.0)**

Math Fundamentals is the first course in a series of differentiated math intervention courses which align with Common Core Standards and the student's Individualized Education Program. Students learn to use foundational math skills to solve real-world problems to solidify their understanding of key mathematical topics. Within this year-long course students will build and reinforce foundational math skills typically found in 2nd and 3rd grade, achieving the math application, computation, and comprehension skills.

### **Math Skills (Credit 1.0)**

Math Skills is a differentiated math intervention course which aligns with Common Core Standards and the student's Individualized Education Program. Students learn to use foundational math skills to solve real-world problems to solidify their understanding of key mathematical topics. Within this year-long course students will build and reinforce foundational math skills typically found in 4th and 5th grade, achieving the math application, computation, and comprehension skills.

### **Principles of Mathematics (Credit 1.0)**

Principles of Mathematics is a differentiated math intervention course which aligns with Common Core Standards and the student's Individualized Education Program. Students learn to use foundational math skills to solve real-world problems to solidify their understanding of key mathematical topics. Within this year-long course students will build and reinforce foundational math skills typically found in 6th and 7th grade, achieving the math application, computation, and comprehension skills.



### **Resource Math (Credit .2)**

In this course, students will work within a small group taught by the special education learning support teacher to focus on instruction which aligns with the student's Individualized Education Program and the General Education Math course. This course is for special education students who are below grade level with needs in the areas of Math Computation and/or Math Applications.

**Length:** Yearlong (0.2 credit) Meets 1 time per week.

**Special Note:** This course is scheduled as a 2 part Full Year course, worth 0.1 credits per semester, with a total of .2 possible by the end of the year. This is a Pass/Fail course.



## Science

| Grade Association | Course Name                         | NCAA Approved | Course Length | Prerequisites                   | Course Type        |
|-------------------|-------------------------------------|---------------|---------------|---------------------------------|--------------------|
| 9                 | Earth Science                       | Yes           | Year          | Middle School Life Science      | General, Honors    |
| 9-10              | Biology *                           | Yes           | Year          | Middle School Life Science      | General, Honors    |
| 9-10              | AP Biology *                        | No            | Year          | Algebra I, Biology & Chemistry  | AP                 |
| 11-12             | Chemistry                           | Yes           | Year          | Algebra I                       | General, Honors    |
| 11-12             | Physics                             | Yes           | Year          | Algebra II, Biology & Chemistry | General, Honors    |
| 11-12             | Environmental Science               | Yes           | Semester      | None                            | General elective   |
| 11-12             | Physical Science                    | No            | Year          | None                            | General elective   |
| 11-12             | Anatomy and Physiology 1            | No            | Semester      | None                            | General elective   |
| 11-12             | Anatomy and Physiology 2            | No            | Semester      | Anatomy & Physiology 1          | General elective   |
| 10-12             | Introduction to Astronomy           | Yes           | Semester      | Earth Science                   | General elective   |
| 10-12             | Introduction to Biological Sciences | No            | Semester      | Biology                         | General elective   |
| 9-12              | Real World Science & History AB     | No            | Semester      | Special consideration with IEP  | IEP recommendation |
| 9-12              | Real World Science & History CD     | No            | Semester      | Special consideration with IEP  | IEP recommendation |
| 9-12              | Life Science Exploration            | No            | Year          | Special consideration with IEP  | IEP recommendation |
| 9-12              | Biology Fundamentals                | No            | Year          | Special consideration with IEP  | IEP recommendation |
| 9-12              | Earth Science Fundamentals          | No            | Year          | Special consideration with IEP  | IEP recommendation |
| 9-12              | Physical Science Fundamentals       | No            | Year          | Special consideration with IEP  | IEP recommendation |



### **SCI102: Physical Science (Credit 1.0)**

Students explore the relationship between matter and energy by investigating the basics of force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. This introductory course prepares students for further studies in chemistry or physics.

### **SCI113: Earth Science (Credit 1.0)**

This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, an associated reference book, collaborative activities, and hands-on laboratories students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.

### **SCI114: Honors Earth Science (Credit 1.0)**

Honors Earth Science focuses on the development of scientific literacy via writing to convey understanding of scientific phenomena. This course prepares students for further study in geology, meteorology, oceanography, and astronomy, as well as creating a solid foundation in the scientific method's implementation. Current and future environmental issues are an important part of this course. Additional honors-level assignments include debates, discussions, and research papers. Students should have a working microphone to be used in collaborative daily activities.

### **SCI116: Earth Science Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements for Earth Science. This option is unique since the courses are offered within a semester, yet students can recover one full credit. This course is offered in a synchronous format thus allowing students to receive real-time instruction along the way. Students complete short assessments at the start to identify areas requiring review, and they can move through the course faster by demonstrating mastery.

### **SCI203: Biology (Credit 1.0)**

In this comprehensive course, students investigate living things: the cell, genetics, evolution, the structure and function of living things, ecology, and biotechnology. The program consists of in-depth online lessons including: extensive animations, an associated virtual reference book, collaborative explorations, and laboratory experiments. Laboratory experiments are conducted using virtual laboratories. *\*Keystone trigger course*

### **SCI204: Honors Biology (Credit 1.0)**

This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, structure and function of living things, ecology, and biotechnology. The program consists of advanced online lessons including extensive animations, an associated virtual reference book, collaborative explorations, and laboratory experiments. Honors biology activities include a biological debate, research paper, extended collaborative laboratories, virtual laboratories and discussions. The activities require virtual meetings outside of the standard class time for students to collaborate in grouped assignments. Collaboration is a vital part of the course. *\*Keystone trigger course*

**SCI206: Biology Credit Recovery (Credit 1.0)**

This course is designed to help students get back on track for graduation by retaking the essential content and course requirements for Biology. This option is unique since the courses are offered within a semester, yet students can recover one full credit. This course is offered in a synchronous format- thus allowing students to receive real-time instruction along the way. It offers a streamlined mastery approach that allows students to focus on the content they need to learn. In this comprehensive course, students investigate living things: the cell, genetics, evolution, the structure and function of living things, ecology, and biotechnology.

*\*Keystone trigger course*

**SCI500: AP Biology (Credit 1.0)**

Students solve chemical problems by using mathematical formulation principles and chemical calculations in addition to laboratory experiments. They build on their general understanding of chemical principles and engage in a more in-depth study of the nature of and reactivity of matter. Students focus on the structure of atoms, molecules, and ions, and then go on to analyze the relationship between molecular structure and chemical and physical properties. To investigate this relationship, students examine the molecular composition of common substances and learn to transform them through chemical reactions with increasingly predictable outcomes. *\*Keystone trigger course*

**SCI303: Chemistry (Credit 1.0)**

This comprehensive course will prepare students for success in college-level science courses. It provides an in-depth survey of some key areas of chemistry such as atomic structure, periodic table organization, chemical bonding and reactions, states of matter, stoichiometry and solution chemistry. The course includes daily direct online instruction and related assessments. Labs for this course will be virtual.

**SCI304: Honors Chemistry (Credit 1.0)**

This advanced course will prepare college-bound students for success in post-secondary science majors and/or careers. It is a challenging course in both content and pace, focusing on all areas of chemistry including atomic structure, periodic table organization, chemical bonding and reactions, states of matter, stoichiometry, solution chemistry, acid/base chemistry, thermochemistry, electrochemistry, organic chemistry, and nuclear chemistry. Labs for this course will be virtual. Ideal if student was successful in Algebra I.

**SCI403: Physics (Credit 1.0)**

This course provides a comprehensive survey of all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. The course gives students a solid basis to move on to more advanced courses later in their academic careers. Labs for this course will be virtual.

**SCI404: Honors Physics (Credit 1.0)**

This advanced course surveys all key areas: physical systems, measurement, kinematics, dynamics, momentum, energy, thermodynamics, waves, electricity, and magnetism, and introduces students to modern physics topics such as quantum theory and the atomic nucleus. Additional honors assignments include debates, research papers, extended collaborative laboratories, and virtual laboratories. The course gives a solid basis for moving on to more advanced college physics courses.

**SCI010: Environmental Science (Credit 0.5)**

This course examines how human interactions with the environment lead to changes, both expected and unexpected. Topics of the course include management of natural resources, investigation of energy flow through ecosystems, examination of environmental policies and laws, causes and effects of climate change of climate change on Earth, an overview of endangered species, importance of biodiversity and more. Students will use course materials, online simulations, videos, websites, notes and more to explore this large and ever-changing topic.

**SCI020: Introduction to Astronomy (Credit 0.5)**

This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students examine the life cycle of stars, the properties of planets, and the exploration of space.

**SCI330: Anatomy and Physiology 1 (Credit 0.5)**

This course is for students interested in learning about the structure and function of the human body systems, and for those who may be interested in a career in the life sciences or health-related careers. A focus on how body systems work together to maintain homeostasis is emphasized. Through the study of human body systems students will gain an understanding of how health is maintained, as well as how diseases and medical conditions are related to the structure and functions of the human body systems.

**SCI331: Anatomy and Physiology 2 (Credit 0.5)**

This course is a continuation of the study of anatomy and physiology for those students who have taken Anatomy and Physiology 1. Students learn about the body systems not covered in the Anatomy and Physiology 1 course. Structure and function of body tissues, organs and organ systems is emphasized through class discussions, virtual lab activities, reading materials, study guides and activity-based and/or writing assignments.

**Prerequisites:** Anatomy and Physiology 1

**OTH093: Introduction to Biological Sciences (Credit 0.5)**

Introduction to Health Sciences presents healthcare information and terminology, examines the contributions of different health science areas, and discusses characteristics helpful to pursuing a career in this field. Students are introduced to the various disciplines within the health sciences. Topics such as health and wellness, leadership, teamwork, ethics, safety, technology, and communication are discussed throughout the semester. Written work comprises a large portion of the overall grade.

**Differentiated & Specialized Science Courses**

*The department offers courses aligned to IEP-directed goals. Placement is determined by IEP team recommendation and graduation plan. All students participating in this course must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

**Real World Science & History AB (Credit 0.5)**

Real World Science & History is a differentiated science and history course which aligns with the PASA DLM Essential Elements and the student's Individualized Education Program. In this year-long course, students will work on building foundational skills at the Pre-K level in various areas of science and history.



### **Real World Science & History CD (Credit 0.5)**

Real World Science & History is a differentiated science and history course which aligns with the PASA DLM Essential Elements and the student's Individualized Education Program. In this year-long course, students will work on building foundational skills at the Pre-K level in various areas of science and history.

**Prerequisites:** Enrollment in Real World ELA/Math

### **Life Science Exploration (Credit 1.0)**

Life Science is a differentiated science course which aligns with PA Alternate Eligible Content Standards and the student's Individualized Education Program. Students explore the structure and function of living things, ecology, and biotechnology.

### **Earth Science Fundamentals (Credit 1.0)**

Earth Science Fundamentals is a differentiated science course which aligns with STEELS standards and the student's Individualized Education Program. Students explore foundational science skills including earth systems, atmospheric, land, weather, and water science. Students will learn to apply scientific processes concerning ecological structures, earth and space. Students will improve written expression as well as building connections between speaking and listening and analyzing non-fiction texts.

### **Physical Science Fundamentals (Credit 1.0)**

Physical Science Fundamentals is a differentiated science course which aligns with STEELS standards and the student's Individualized Education Program. Students explore the relationship between matter and energy by investigating the basics of force and motion, the structure of atoms, and the interactions of energy and matter. Students will improve written expression as well as building connections between speaking and listening and analyzing non-fiction texts.

### **Biology Fundamentals (Credit 1.0)**

Biology Fundamentals is a differentiated science course which aligns with STEELS standards and the student's Individualized Education Program. Students explore the structure and function of living things, ecology, and biotechnology. Students will improve written expression as well as building connections between speaking and listening and analyzing non-fiction texts.



# ELECTIVES

## Humanities: *World Languages*

| Grade Association | Course Name | NCAA Approved | Course Length | Prerequisites | Course Type      |
|-------------------|-------------|---------------|---------------|---------------|------------------|
| 9-12              | Spanish I   | Yes           | Year          | None          | General elective |
| 9-12              | Spanish II  | Yes           | Year          | Spanish I     | General elective |
| 9-12              | Spanish III | Yes           | Year          | Spanish II    | General elective |
| 9-12              | French I    | Yes           | Year          | None          | General elective |
| 9-12              | French II   | Yes           | Year          | French I      | General elective |

### **WLG100: Spanish I (Credit 1.0)**

Spanish I is a beginner Spanish course that builds listening, speaking, reading, and writing skills. Each unit teaches new vocabulary, basic grammar, and cultural information. Students practice conversation and learn words for home, school, hobbies, food, animals, places, and more. Active participation and daily practice are expected. Aligned to ACTFL standards.

### **WLG110: French I (Credit 1.0)**

Introductory French focusing on listening, speaking, reading, and writing. Units include vocabulary, grammar, reading/listening practice, speaking and writing tasks, and cultural multimedia. Emphasis on practical conversation and real-world communication.

### **WLG200: Spanish II (Credit 1.0)**

Spanish II Continues Spanish study with more vocabulary and grammar to improve listening, reading, speaking, and writing. Students will record spoken responses, write short paragraphs, and complete regular quizzes and tests. Units include comprehension, conversation practice, and cultural comparisons.

**Prerequisite:** Spanish I

### **WLG210: French II (Credit 1.0)**

Students continue their study of French by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning, understand common vocabulary terms and phrases, use a wide range of grammar patterns in their speaking and writing, participate in conversations and respond appropriately to conversational prompts, analyze and compare cultural practices, products, and perspectives of various French-speaking countries, and take frequent assessments where their



language progression can be monitored. Assessments include graded practice, culture quizzes, multiple choice tests, speaking tests (submitting voice recording to teacher), writing short paragraphs, and completing culture and language-based projects. The course has been carefully aligned to national standards as set forth by ACTFL (the American Council on the Teaching of Foreign Languages).

**Prerequisite:** French I

### **WLG300: Spanish III (Credit 1.0)**

An intermediate course that deepens vocabulary and grammar for stronger listening, reading, speaking, and writing. Coursework includes speaking recordings, writing paragraphs, quizzes, discussion boards, and culture projects. By semester 2, instruction is almost entirely in Spanish.

**Prerequisite:** Spanish I & II



## Humanities: Art & Music

| Course Name                   | NCAA Approved | Course Length | Prerequisites                  | Course Type      |
|-------------------------------|---------------|---------------|--------------------------------|------------------|
| Fine Art                      | No            | Year          | Foundations of Art A or B      | General elective |
| Foundations of Art A          | No            | Semester      | None                           | General elective |
| Foundations of Art B          | No            | Semester      | None                           | General elective |
| Foundations of Music A        | No            | Semester      | None                           | General elective |
| Foundations of Music B        | No            | Semester      | None                           | General elective |
| Music Appreciation            | No            | Year          | Foundations of Music A or B    | General elective |
| AP Music Theory               | No            | Year          | Music Appreciation             | AP               |
| Digital Arts I                | No            | Semester      | None                           | General elective |
| Digital Arts II               | No            | Semester      | Digital Arts I                 | General elective |
| Graphic Design & Illustration | No            | Semester      | None                           | General elective |
| 3D Modeling                   | No            | Semester      | None                           | General elective |
| Art Exploration               | No            | Semester      | Special consideration with IEP | General elective |
| Music Exploration             | No            | Semester      | Special consideration with IEP | General elective |

### ART010: Fine Art (Credit 1.0)

This course is a course developed and written for highly motivated students genuinely interested in studying art. The yearlong course demands significant commitment from the student. This challenging and fast-paced art course combines art history, appreciation, and analysis while engaging students in hands-on studio-based art projects. Before enrolling, they should also have a working knowledge of the Elements of Art, Principles of Design, and Feldman's 4 steps of art analysis. This course is labor intensive and requires a yearlong commitment from the student to succeed in the course. Students will need to obtain supplies. Suggested supplies include and are not limited to paint of any kind, brushes, clay or play dough, markers, crayons, or colored pencils – any type of coloring tools, paper, and pencils.

### ART011: Foundations of Art A (Credit 0.5)

Foundations of Art A is an exciting entry-level art appreciation course. Within this one semester course you will study the elements of art and principles of design while engaging in an introductory exploration of ancient art and art history. Part A of the course will explore ancient cultures and their artwork from different parts of the world. While studying the different cultures, history and artworks students will be required to make art to demonstrate their knowledge of the elements, principles, techniques and history learned within this exciting introductory course. This is a studio, hands on art course. Students will need to obtain supplies. Suggested supplies are paint of any kind, brushes, clay or playdough, markers/crayons/colored pencils – any type of coloring tools, paper and pencils.

### ART012: Foundations of Art B (Credit 0.5)

Introduction to Art B is an exciting entry-level art appreciation course. Within this one semester course you will study the elements of art and principals of design while engaging in an introductory exploration of modern art. Part B of the course will explore modern art and art movements of the 20th century. While studying modern art, art techniques and art movements, students will be required to make art to demonstrate their knowledge of the elements, principles, techniques and history learned within this exciting introductory



course. This is a studio, hands on art course. Students will need to obtain supplies. Suggested supplies are paint of any kind, brushes, clay or playdough, markers/crayons/colored pencils – any type of coloring tools, paper and pencils.

### **ART020: Music Appreciation (Credit 1.0)**

This course expands on students' knowledge of the history, theory, and genres of music. The course explores the history of music, from the surviving examples of rudimentary musical forms through to contemporary pieces from around the world. The first semester covers early musical forms and classical rhythms, rock and roll, and hip hop and jazz. The course explores the relationship between music and social movements and reveals how the emergent global society and the prominence of the Internet are making musical forms more accessible worldwide. Listening Logs are mastery assignments contained within the course that allow for a demonstration of student understanding of key components and curricular elements. Practice and performance are necessary components of music learning and growth and are highly encouraged as additional complements to Music Appreciation.

**Prerequisites:** Foundations of Music A or Foundations of Music B or other music background.

### **ART021: Foundations of Music A (Credit 0.5)**

This course will explore how music interacts with society, ultimately shaping the way we view and engage with the world around us. Students will examine music from its creation to how it is interpreted by the mind. The course provides an interdisciplinary look at the cognitive aspects of music as relating to aesthetics, appreciation, and therapeutic means of learning. Major topics include World Music, Music and the Mind, Music and Conflict, and Music and Social Change.

### **ART022: Foundations of Music B (Credit 0.5)**

This course will explore how music interacts with society, ultimately shaping the way we view and engage with the world around us. Students will examine music from its creation to how it is interpreted by the mind. The course provides an interdisciplinary look at the cognitive aspects of music, relating to aesthetics, appreciation, and therapeutic means of learning. Major topics include Love and Loss, Performances, Virtuosity, and Remixes and Covers.

### **ART500: AP Music Theory (Credit 1.0)**

This course continues to expand on students' knowledge of the history, theory, and genres of music. The AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized.

**Prerequisites:** Music Appreciation. Students should also be able to read and write musical notations, and it is strongly recommended that the student has acquired at least basic performance skills in voice or on an instrument as performance is a requirement and component of study in the course.



### **TCH028: Digital Arts I (Credit 0.5)**

In this course students are introduced to the elements of art, as well as foundational concepts of visual communication. Students will use the vector-based software, Inkscape, to create a series of focused digital artworks. Students will have the opportunity to respond to the artwork of others and learn how to combine artistic elements to create finished pieces that effectively communicate their ideas. This course is suitable for students with no prior experience in 2D design software.

### **TCH029: Digital Arts II (Credit 0.5)**

Students build on the skills and concepts they learned in Digital Arts I as they develop their vocabulary of design principles. They will explore career opportunities in the design field through the artwork they create in Inkscape. By the end of the course, they will have created a collection of digital art projects for their digital design portfolio.

**Prerequisites:** Digital Arts I

### **TCH035: Graphic Design & Illustration (Credit 0.5)**

This is the perfect course for anyone who is interested in photo and image manipulation and wants to learn to edit any photo to create compelling, professional looking graphic designs and images. Students learn the basics of composition, color, and layout before moving on to technical topics like working with layers and masks, adding special effects, and effectively using typefaces to create visual impact. At the end of this course, students will have a variety of original projects for their graphic design portfolio.

### **TCH076: 3D Modeling (Credit 0.5)**

This course introduces students to 3D modeling tools and concepts. Students will learn the basics of creating shapes, adding textures and lighting, and rendering. By the end of the course, students will have produced a series of increasingly sophisticated projects for their 3D portfolios. This course is suitable for students with no prior experience with 3D game design or digital media authoring tools.

## **\*\*Differentiated & Specialized Pathways\*\***

*The department provides differentiated pathways aligned with IEP goals. Placement is determined by IEP team recommendation. All students participating in this course must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

### **Art Exploration (Credit 0.5)**

In this humanities course, students will explore the basic elements of art including color, texture, line, shape, form, and space. Students will have the opportunity to learn about five major Art styles by viewing artwork and famous artists within each of the styles. Students will be encouraged to find their voice through the creative arts and submit any work to share with the class! Each student will have the opportunity to explain their own personal creative process and learn to positively critique others' works.

### **Music Exploration (Credit 0.5)**

In this humanities course, students will explore the basic elements of music including rhythm, pitch, melody, tempo, dynamics, timbre, and texture. Students will have the opportunity to learn about major genres of music, learning the characteristics of each genre, and listening to musical selections within each genre. Students will be encouraged to share any artistic and/or musical talents if they choose.



## Humanities: *Business & Design*

| Course Name                                   | NCAA Approved | Course Length | Prerequisites     | Course Type      |
|-----------------------------------------------|---------------|---------------|-------------------|------------------|
| Entrepreneurship                              | No            | Semester      | None              | General elective |
| Marketing, Advertising & Sales                | No            | Semester      | None              | General elective |
| Accounting                                    | No            | Semester      | Algebra I         | General elective |
| Principles of Hospitality and Tourism         | No            | Semester      | None              | General elective |
| Principles of Business, Marketing & Finance 1 | No            | Semester      | None              | General elective |
| Medical Terminology I                         | No            | Semester      | None              | General elective |
| Driver's Safety                               | No            | Semester      | None              | General elective |
| Nutrition and Wellness                        | No            | Semester      | None              | General elective |
| Principles of Education & Training 1          | No            | Semester      | None              | General elective |
| Culinary Arts                                 | No            | Semester      | None              | General elective |
| Introduction to Fashion Design                | No            | Semester      | None              | General elective |
| Interior Design                               | No            | Semester      | None              | General elective |
| Career Explorations                           | No            | Semester      | None              | General elective |
| Game Design                                   | No            | Semester      | Computer Literacy | General elective |
| Computer Literacy                             | No            | Semester      | None              | General elective |
| Intro to Python Programming I                 | No            | Semester      | Computer Literacy | General elective |

### **BUS430: Entrepreneurship I (Credit 0.5)**

In this introductory business course, students learn the basics of planning and launching their own successful business. Whether they want to start their own money- making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, attract investors, market their business, and manage expenses. Students hear inspirational stories of teen entrepreneurs who have turned their ideas into reality, then plan and execute their own business.

### **BUS210: Marketing, Advertising & Sales (Credit 0.5)**

Students find out what it takes to market a product or service in today's fast-paced business environment. They learn the fundamentals of marketing using real- world business examples. They learn about buyer behavior, marketing research principles, demand analysis, distribution, financing, pricing and product management.



### **BUS113: Accounting (Credit 0.5)**

Through this course, students will gain a foundation in the skills needed for college accounting courses, office work, and managing their own small businesses. These skills are necessary for any student planning to major in Business in college. In this Introduction to accounting, students who have never had prior accounting training are given an overview of the three forms of accounting: financial, cost, and management accounting. The course helps build an appreciation for the role of accounting in managing a profitable business. It covers the basic concepts, conventions and rules of the double entry system. It introduces techniques to analyze ratios from the balance sheet. The concept of ethics, integrity, and confidentiality and rigor are woven through all the chapters.

### **BUS120: Principles of Hospitality and Tourism (Credit 0.5)**

People are traveling around the globe in growing numbers. As a result, the hospitality and tourism industry is one of the fastest growing in the world. Students are introduced to this industry through topics including hotel and restaurant management, cruise ships, spas, resorts, and theme parks. They learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. They also examine current and future trends in the field.

### **BUS024: Principles of Business, Marketing & Finance 1 (Credit 0.5)**

In this project-based learning course, students will collaborate and explore careers by engaging in business and marketing roles. Examples include collaborating as the marketing team to produce a presentation and acting as hiring managers to create a job posting and develop interview skills. Students will explore business tools including Microsoft Office Suite, Teams and Google Sites web design. This entry-level course will help students determine a path that could lead to a credential or certificate that will allow a student to enter the job market.

### **HLT213: Medical Terminology I (Credit 0.5)**

In this semester-long course, students explore the language of medicine through guided “tours” of the human body systems. Students learn the structure, function, and basic processes of each body system while developing an extensive medical vocabulary used across a variety of health-related professions. Through interactive lessons and skill-building activities, students gain proficiency in analyzing medical terms by breaking them down into prefixes, suffixes, and root words to determine meaning and application. Students also examine how medical terminology relates to health, disease states, and clinical practice. This course is ideal for students interested in pursuing careers in forensic sciences, nursing homes, medical offices, hospitals, and allied health fields, providing a strong foundation for future study and career exploration in healthcare.

### **OTH070: Drivers Safety (Credit 0.5)**

This course is a foundation of theory for responsible driving. Emphasis is placed on understanding of traffic laws, driving situations, safety concerns, and PA specific laws. Students completing this course are prepared to take the PA Knowledge Test to obtain a Learner’s Permit.

### **OTH080: Nutrition and Wellness (Credit 0.5)**

This 0.5 credit course will introduce the student to an overview of good nutrition principles that are needed for human physical & mental wellness. Discussion of digestion, basic nutrients, weight management, sports & fitness, and life-span nutrition is included. Application to today’s food and eating trends, plus learning to assess for reliable nutrition information is emphasized.



### **OTH161: Principles of Education & Training 1 (Credit 0.5)**

This Early Childhood Education course is for students who want to influence the most important years of human development. In the course, students learn how to create fun and educational environments for children; how to keep the environment safe for children; and how to encourage the health and well-being of infants, toddlers, and school-aged children.

### **OTH171: Culinary Arts (Credit 0.5)**

In this Culinary Arts course, students learn all about food, including kitchen safety, knife skills, cooking methods, and good culture. They also learn about the food service industry and prepare culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, students hone their cooking skills and explore careers in the food industry.

### **OTH181: Introduction to Fashion Design (Credit 0.5)**

In this course students begin to develop the skills needed to participate in the exciting and impactful career of Fashion Design. In addition to developing skills for a possible career, students can apply the basics of this Fashion Design Course to their own individual developing styles. Students try their hand at designing as they learn the basics of color and design, then test their skills through projects. In addition, they develop the essential communication skills that build success in any business.

### **OTH182: Interior Design (Credit 0.5)**

Do you have a flare for designing and decorating? If so, this course will show you how to turn your interests and skills into a career. You will learn about color, texture, trends and styles over time, how homes are built, and “green” options for homes and businesses. Most importantly, you’ll learn how to work with a client to meet their unique needs and style requirements. This course will help you to identify parts of interior design that are most interesting to you, helping you to chart the path for your future.

### **OTH051: Career Explorations (Credit 0.5)**

Students explore their options for life after high school and implement plans to achieve their goals. They identify their aptitudes, skills, and preferences, and explore a wide range of potential careers. They investigate the training and education required for the career of their choice and create a plan to be sure that their work in high school is preparing them for the next step. This is a Pass/Fail course.

**Special note: Required class for 10th Graders.**

### **TCH071: Game Design (Credit 0.5)**

In this fundamental course, students learn game design principles and concepts. Students also learn about careers, Game Design history, the software development process, and prevalent industry practices. At the end of the course, students will learn how to use Unity and code a simple project.

### **TCH105: Computer Literacy (Credit 0.5)**

Students are introduced to the personal computer. They learn about the hardware, the operating system, and software applications. They practice using applications such as word processors, spreadsheets, and presentation software. They explore social and ethical issues related to the Internet, information, and security. In addition, students learn how to gather and analyze data, and the tools to use to present data.

**TCH342: Intro to Python Programming I (Credit 0.5)**

This course introduces students to the foundations of computer science and basic programming in Python using CodeHS. This Python Programming course is designed to help students develop logical thinking and problem solving skills. The content is web-based, with students writing and running code in a web browser. By the end of this course, students will have a solid foundation for further study in programming language.

**Prerequisites:** Algebra I

## Physical Education & Health

| Course Name                    | NCAA Approved | Course Length | Prerequisites                  | Course Type      |
|--------------------------------|---------------|---------------|--------------------------------|------------------|
| Skills for Health              | No            | Semester      | No                             | General elective |
| Physical Education             | No            | Semester      | No                             | General elective |
| Health & Nutrition Exploration | No            | Semester      | Special consideration with IEP | General elective |
| Physical Education Exploration | No            | Semester      | Special consideration with IEP | General elective |

**OTH010: Skills for Health (Credit 0.5)**

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that engage student discussion and motivate students to analyze internal and external influences on their health-related decisions.

**OTH020: Physical Education (Credit 0.5)**

This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. *Students may enroll in the course for either one or two semesters and repeat for further semesters as needed to fulfill state requirements.*

### **\*\*Differentiated & Specialized Pathways\*\***

*The department provides differentiated pathways aligned with IEP goals. Placement is determined by IEP team recommendation. All students participating in this course must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

**Health & Nutrition Exploration (Credit 0.5)**

Students will learn the basics of nutrition and healthy living. In this course students will learn about mental and emotional health, the importance of nutrition, healthy eating habits, physical activity, good



sportsmanship, rules and strategies of sports, individual and team sports options, and physical activity safety. Students will learn about personal health during the teen years, body systems, health and wellness, the life cycle and the effects of tobacco, alcohol and our body, physical activity, good sportsmanship, rules and strategies of games, individual activities and sports, team activities and sports, and safety.

### **Physical Education Exploration (Credit 0.5)**

Students will explore the benefits of physical fitness. In this course students will learn about mental and emotional health, physical activity, good sportsmanship, rules and strategies of sports, individual and team sports options, and physical activity safety. Students will be asked to complete physical activities and track them using fitness logs.

## **\*\*Differentiated and Specialized Electives\*\***

### **Independent Living Exploration (Credit 0.5)**

Students will engage in learning about skills needed to function appropriately in the community and in the home after graduation from high school. These skills include independent living skills, safety, and communication skills. Students will participate in class discussions that involve scenarios that are likely in the community, school, home or the workplace. Communication examples include written communication, cell phone or online communication (text, social media), and AAC devices being used by classmates.

## **SEL, Social Skills, Executive Functioning and Transition**

*All students participating in this course must receive special education services and be determined eligible to participate in alternate state assessments. Students can only be scheduled for this course based on an IEP team decision or Assistant Director approval.*

### **Executive Function & Social Skills Exploration (Credit .05)**

Students will learn to build and maintain positive, healthy relationships and strengthen executive functioning. Instruction covers empathy, effective communication, constructive problem-solving, and conflict-resolution in social and academic settings. The course also teaches planning, organization, task initiation, and follow-through. Foundational executive skills—response inhibition, working memory, emotional control, cognitive flexibility, sustained attention, and task initiation—are explicitly taught and practiced to support student success.

**Prerequisites:** An Executive Skill Need is outlined in the RR and IEP

### **Executive Function Resource Room (Credit 0.25)**

In this course, students will learn the basis for planning, organizing, initiating, and following through with all tasks and assignments. Executive skills including planning, organization, time management, task initiation, working memory, metacognition, self-control, sustained attention, flexibility, and perseverance are the focus of this course.

**Length:** Yearlong (Meets 1x/week)

**Prerequisites:** An Executive Skill Need is outlined in the RR and IEP



### **Social Skills Resource (Credit 0.25)**

In this class, students will learn how to establish and maintain positive relationships, feel and show empathy for others, maintain healthy relationships, and define effective problem solving and conflict resolution strategies, as well as how to be an effective communicator.

**Course Length:** Yearlong (Meets 1x/week)

**Prerequisites:** A Social Skills Need is outlined in the RR and IEP

### **Social Emotional Learning (SEL) Foundations (Credit 0.5)**

Ninth-grade students work in a small group with an emotional support teacher to build foundational Social Emotional Learning. The course covers understanding the brain and growth mindset; emotional and behavioral skills; adult and peer communication; academic motivation and skills; goal setting, time management, and priorities; respectful disagreement and peer collaboration. It also addresses social skills and strategies for completing schoolwork.

**Length:** Yearlong 2x per week

### **Social Emotional Learning (SEL) Skills (Credit 0.5)**

Tenth-grade students work in a small group with an emotional support teacher to build on foundational Social Emotional Learning. The course emphasizes applying emotional and behavioral skills related to brain awareness and growth mindset; adult and peer communication; academic motivation and skills; goal setting, time management, and prioritization; respectful disagreement and peer collaboration. It also includes targeted social skills instruction and strategies for completing schoolwork.

**Length:** Yearlong 2x per week

### **Principles of Social Emotional Learning (SEL) (Credit 0.5)**

Eleventh-grade students meet in a small group with an emotional support teacher to deepen Social Emotional Learning. The course focuses on analyzing emotional and behavioral skills that support empathy and inclusion, relationship-building and conflict resolution, setting and achieving long-term goals, and mental health and well-being skills. It also addresses social skills and strategies for completing schoolwork.

**Length:** Yearlong 2x per week

### **Social Emotional Learning (SEL) for Post-Secondary (Credit 0.5)**

Twelfth-grade students meet in a small group with an emotional support teacher to apply Social Emotional Learning to post-high school life. The course emphasizes synthesizing and evaluating skills for empathy and inclusion, relationship-building and conflict resolution, long-term goal setting and attainment, and mental health and well-being. It also addresses social skills and strategies for completing schoolwork.

**Length:** Yearlong 2x per week

### **Social Emotional Learning (SEL) Fundamentals (Credit 0.5)**

Students meet in small groups with an emotional support teacher to develop and deepen Social Emotional Learning across Bloom's levels. Instruction covers brain awareness and growth mindset; adult and peer communication; academic motivation and work-completion skills; goal-setting, time management, and prioritization; respectful disagreement and peer collaboration; empathy, inclusion, relationship-building, and conflict resolution; and long-term planning and mental health/ well-being.

**Length:** Yearlong 3x per week



### **Transition 9 (Credit 0.25)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Aligning with Transition Discoveries 9 indicators for successful outcomes, and the PEAL Center's Checklist students will engage in activities and explore topics.

**Length:** One Semester (Meets 1x/week)

### **Transition 10 (Credit 0.25)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Aligning with Transition Discoveries 9 indicators for successful outcomes, and the PEAL Center's Checklist students will engage in activities and explore topics including but not limited to: goal setting, career exploration, postsecondary options, budgeting, job applications, interacting in the workplace, soft/transferable skills, banking, mental health and wellbeing, digital citizenship, agency supports, self-determination, self-advocacy, and graduation plans.

**Length:** One Semester Meets 1x/wk.

### **Transition 11 (Credit 0.25)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Aligning with Transition Discoveries 9 indicators for successful outcomes, and the PEAL Center's Checklist students will engage in activities, and explore topics including but not limited to: goal setting, career exploration, postsecondary options, budgeting, job applications, interacting in the workplace, entitlement vs eligibility, banking, relationship building, digital citizenship, agency supports, self-determination, self-advocacy, identifying reliable resources, transportation and housing options, and identifying current skills.

**Length:** One Semester (Meets 1x/week)

### **Transition 12 (Credit 0.25)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Aligning with Transition Discoveries 9 indicators for successful outcomes, and the PEAL Center's Checklist students will engage in activities, and explore topics including but not limited to: goal setting, career exploration, postsecondary options, reasonable accommodations in the workplace, responsibilities in the workplace, job applications, entitlement vs eligibility, online resume platforms, mental health and wellbeing, community supports, digital citizenship, agency supports, self-determination, self-advocacy, media bias identification skills, transportation and housing options, and identifying current skills.

**Length:** One Semester (Meets 1x/week)

### **Transition 9A (Credit 0.5)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Throughout each quarter they will be exploring many topics including role models, self-discovery, listening skills, positive thinking, handling stress, anger management, self-advocacy, career exploration, post-secondary options, volunteering, transportation options, social capital, needs vs. wants, graduation plan, and identifying your current skills.

**Length:** Yearlong (Meets 1x/week)



### **Transition 10A (Credit 0.5)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Throughout each quarter they will be exploring many topics including goal setting, career exploration, postsecondary options, budgeting, job applications, interacting in the workplace, soft/transferable skills, banking, test taking strategies, computer safety, self-determination, self-advocacy, graduation plan, and identifying your current skills.

**Length:** Yearlong (Meets 1x/week)

### **Transition 11A (Credit 0.5)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Throughout each quarter they will be exploring many topics including career interest inventory, career exploration, researching colleges, alternate postsecondary options, postsecondary applications, entitlement vs. eligibility, extracurricular activities, job search, job applications, keeping a job, OVR, benefits/adult service planning, interview skills, mock interviews, graduation plans, and identifying your current skills.

**Length:** Yearlong (Meets 1x/week)

### **Transition 12A (Credit 0.5)**

In this course, students will explore age and grade appropriate transition activities to help them learn more about themselves and their future plans. Throughout each quarter they will be exploring many topics including finalizing post-secondary plans, managing successful transitions, resumes, cover letters, employer/employee rights, taxes, legal responsibilities, career exploration, budgeting, voting, community agencies, living independently, graduation plans, and identifying your current skills.

**Length:** Yearlong (Meets 1x/week)

**Special Note:** *The course sequence goes from A to B to C across the school year.*



### **Course Selection Planning**

#### **Changes in Schedule**

Student schedules are created upon student requests and teacher recommendations during our course selection process. Administration makes every effort to schedule each student in their desired and recommended courses, but schedule requests are not guaranteed. Every attempt should be made to finalize courses prior to June 1. However, consideration for the following exceptions would apply:

- A. If the student has a change in post-secondary planning.
- B. If the student wants to take a higher-level course than recommended (i.e. from honors to advanced placement).
- C. If the student failed a sequential course or prerequisite course.
- D. If the student needs to fulfill district/state graduation requirements.
- E. If a course was retired or a section was removed from the Master Schedule offerings

Any request to drop a course after the first 10 days of the course can only be dropped with the grade of a “WF” or “WP” depending on the grade at the time of the withdrawal.



**Contact us!** We are here to assist you with short-term or long-term planning along the way. Please email our team @agora.org.

| <i>Our Agora HS Principals and Directors</i>                                                                                                                                                             | <i>Our Agora HS School Counseling Team</i>                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Principal: Jeff Miller<br>Asst Principals: Holly Allen<br>Paul Harkins<br>Erin Hilson<br><br>Director of Special Education: Erinn Slacktish<br>Asst Directors of Spec Ed.: Danielle Schall<br>Val Natale | <ul style="list-style-type: none"><li>• Tara Quisito</li><li>• Mindy Rockower</li><li>• Mihael Mirth</li><li>• Barron Witted</li><li>• Ryan Learn</li><li>• Amy Shea</li><li>• Erica Lee</li><li>• Kelly Noss</li></ul> |