



West Chester Area School District High School Course Selection Guide 2021-2022

Virtual Course Selection Parent Meetings
January 21, 2021 (snow date: January 29, 2021)

WC Cyber Program Virtual Open House
Wednesday, January 27 at 6:30 pm

COURSE SELECTION SCHEDULE OF EVENTS

JANUARY–FEBRUARY

- Digital Course Selection Guides released online - week of January 11.
- Administrator/counselor virtual meeting with students (middle to late January).
- Virtual Parent Course Selection Meeting – January 21 (snow date January 29).
Virtual Parent Course Selection Meeting for Spanish Speaking Families – January 27 at 7 p.m.
- Teacher Recommendation Window - February 1 through 11.
- On-line Course Selection window – current eighth through eleventh grade students and parents - February 14 through February 25. (View teacher recommendations and select electives).

MARCH

- Recommendations may be viewed on the Parent Portal. All requests to change course selections and/or recommendations must be submitted to the student's counselor between March 8 and March 19.
- Elective change and course level waiver deadline: March 25.

APRIL

- Secondary level staffing meetings
- Elective Course GPA Inclusion Form deadline April 12.

MAY–JULY

- Master schedule developed.
- Course conflicts resolved.

LATE AUGUST

- Schedules available through Parent Portal.

**Parents may contact or conference with teachers or counselors throughout the process.*

MAKING NEXT YEAR'S COURSE SELECTIONS

Each year between January and May, West Chester Area School District students select their courses for the following school year. This procedure involves teacher recommendations, parental suggestions, counselor advice and, finally, student choice. The final decision is extremely important because West Chester Area School District's staffing of teachers is dependent upon these choices. Furthermore, in order to build an accurate master schedule, the following procedures will be in effect.

- All course changes must be made by March 25*.
- All required courses must be scheduled before graduation.
- Requests for particular periods and/or teachers will not be considered to ensure an equitable master schedule

* The only exceptions are for failed courses, changed teacher recommendations, and completion of approved summer school courses.

SCHEDULING OF COURSES:

Students in grades nine and ten must schedule a minimum of 6 credits including Health and Physical Education. Students in grade eleven must schedule at least 6.4 credits including Physical Education. All seniors must schedule at least 5.4 credits including Physical Education.

GRADUATION REQUIREMENTS

A total of 23.8 credits are required for graduation.

English	4 credits
Social Studies	4 credits
Mathematics	3 credits
Science.	3 credits
Arts/Humanities.	2 credits
Electives	5 credits
Health/Physical Ed	2.8 credits

Beginning with the class of 2023, Chapter 4 Rules and Regulations for the state of Pennsylvania require that students must demonstrate proficiency on the Algebra 1, Biology, and Literature Keystone Exams in order to graduate. Keystone Exams help

assess student proficiency of the Pennsylvania Core Standards - standards aligned with expectations for success in college and the workplace. Students will be offered multiple opportunities to take the Keystone Exams throughout their high school careers.

SEQUENCE OF COURSES

In recommending a sequence of courses, it's difficult to arrive at a recommendation which will best serve the needs of all students. Variations to the sequence of courses suggested below can be arranged through consultation with your teacher and counselor. These suggested guidelines refer only to the minimum requirements for graduation. Your counselor has more detailed information regarding recommended courses for college bound students, business students, etc.

9 TH GRADE - 6.0 CR.	10 TH GRADE - 6.0 CR.
English	English
Social Science	Social Science
Math	Math
Science	Science
Arts & Humanities	Arts & Humanities
Health Fitness 9	Health 10/Physical Ed.
Elective (Optional)	Elective (Optional)
11 TH GRADE - 6.4 CR.	12 TH GRADE - 5.4 CR.
English	English
Social Science	Social Science
Math	Elective
Science	Elective
Elective	Elective
Elective	Physical Ed.
Physical Ed.	

The Arts & Humanities requirements may be satisfied by English and Social Science electives and/or by courses in World Language, Art, Music, Family Consumer Science, and Technology Education.

LEVEL RECOMMENDATION GUIDELINES

ADVANCED PLACEMENT:

Advanced Placement, or AP, refers to college-level courses taught according to the syllabi approved by the College Board Advanced Placement Program and/or to courses designed to prepare students for College Board AP tests. Successful performance on AP tests may lead to college credit and/or advanced placement in college courses. While course descriptions provide information about the course content on which the AP exam will be based, WCASD teachers have the flexibility to determine how the content is presented.

ACCELERATED HONORS:

Accelerated Honors courses prepare students for Advanced Placement studies. Courses at this level are designed to provide students with access to the most rigorous curriculum that extends well beyond grade level standards. These courses promote both collaborative and self-directed learning through activities and assessments that emphasize written and oral communication.

HONORS:

Honors courses follow a rigorous curriculum prescribed by each department and develop higher-order thinking skills using a challenging pace and enriched content. Both in-class instruction and outside assignments focus on self-directed learning through activities and assessments that emphasize written and oral communication.

CAREER & COLLEGE PREP:

Career & College Prep level courses develop students' essential skills and acquisition of content knowledge within the subject area. This level emphasizes the development of increased rigor through classroom interactions and progressing demands for independent work in preparation for college and career readiness.

MOVING FROM ONE LEVEL TO ANOTHER FROM YEAR TO YEAR:

If a student performs at a consistently high standard within a Career & College Prep, the student should consider moving to a more demanding level in the succeeding school year. Students who find that a higher level course is too challenging should

consider dropping a level within that content area for the succeeding year.

CHANGES AFTER THE SCHOOL YEAR BEGINS:

Students who wish to change a course and/or level within a content area must follow the guidelines provided by the Administration. Students may consider a level change (e.g. Honors to Accelerated Honors, Honors to Career & College Prep), after September 17.

- Changes from one elective course to another will not be considered after the elective change deadline of March 25, 2021.
- Once the school year begins, students may add electives if seats are available in the place of study halls, lunches, and otherwise unscheduled periods. Students may not drop one elective course and then later schedule a new course in that unscheduled period.
- Once the school year begins, student schedules will not be adjusted to accommodate course change requests, including requests to add electives, except as described above.
- Requests for particular periods and/or teachers will not be considered to ensure an equitable master schedule.

All level changes for full year courses must be completed no later than three weeks after the end of the first semester. All level changes for semester courses must be completed no later than three weeks before the end of the first marking period.

WC CYBER PROGRAM

High school students have the option of taking one or more classes through the WC Cyber Program. Throughout this guide, courses available through Cyber will be designated with the WC Cyber Program logo (). For more information, please contact Dr. Kristen Barnello at kbarnello@wcasd.net.

The WC Cyber Center is located at Fugett Middle School and will serve as a student "hub". Students will be able to come here to work collaboratively on projects, access specialized equipment and materials, and seek the assistance of our cyber coach, Chelsea Sammarone. Email Ms. Sammarone, csammarone@wcasd.net, if you have any questions.

BLENDED LEARNING

Blended learning is a dynamic learning format that allows students to experience courses where they interact with the curriculum partially at school and partially through online delivery of content and instruction. Students in these courses will meet with their teachers face-to-face in a traditional setting and will engage in learning activities online. Course descriptions within this guide will indicate the specific formats by courses.

Courses that are a part of the blended learning program follow the same rigorous curriculum as the traditional courses aligned with the Pennsylvania Academic Standards and meet graduation requirements. In addition, our courses use the latest technology tools to engage students, to personalize feedback, and to extend learning outside of the classroom.

All high school students will experience at least one required blended learning course, Health 10.

SCIENCE ELECTIVE COURSES

There are 6 science elective courses that will be offered on a rotating basis.

For 2021-2022, the courses are:

Aquatic Ecology and Marine Biology

Electronics and Acoustics

Organic Chemistry and Forensics

For 2022-2023, the courses offered are :

Consumer and Green Chemistry

Human Anatomy and Infectious Disease

Thermodynamics and Optics

These are elective classes for Junior and Senior students.

NEW COURSES OFFERED

There are 2 newly created Social Studies Elective Courses being offered that explore how race and ethnicity impact who gets what, when, and how, and why American politics are strongly influenced by historical issues surrounding race and ethnicity.

Race & Ethnicity in America 1 (10,11,12)

Race & Ethnicity in America 2 (10,11,12)

AP CAPSTONE - 2 YEAR COURSE OF STUDY

AP Capstone™ is a College Board program that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. It cultivates curious, independent, and collaborative scholars and prepares them to make logical, evidence-based decisions. Students who enroll in this program must commit to the two years and will earn 2 high school credits, weighted at the AP level.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. This signifies their outstanding academic achievement and attainment of college-level academic and research skills.

Students who earn scores of 3 or higher in both AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

DUAL ENROLLMENT

The West Chester Area School District dual enrollment program offers juniors and seniors the opportunity to concurrently enroll in a college level course that would be considered a high school elective credit. Upon successful completion, students participating in dual enrollment coursework would receive high school advanced placement credit, as well as college credit.

The partnering dual enrollment college establishes admittance and other criteria for participation. Students will be responsible for tuition, fees, and course material. More information and dual enrollment pre-approval forms are available from the school counseling department.

WEST CHESTER UNIVERSITY DUAL ENROLLMENT PARTNERSHIP

The West Chester Area School District and West Chester University have partnered to offer a menu of pre-approved dual enrollment courses for juniors and seniors. For student convenience, these classes will be located at the West Chester University Graduate Center and be scheduled for Mondays,

Wednesdays, and Fridays from 1:05 pm -1:55 pm. Students will be scheduled to depart from their high school at the conclusion of 6th period and travel by way of their own transportation to the Graduate Center located off of Greenhill Road. Tuition and fees are to be determined. Complete course descriptions are included within the guide.

There are 2 Dual Enrollment courses offered on a rotating basis in conjunction with West Chester University. These courses will be taught on site by WCASD teaching staff. For 2021-2022 the course offered will be Advanced Geoscience: Astronomy and Geology. For 2022-2023 the course offered will be Advanced Geoscience: Oceanography and Meteorology. Students successfully completing this full-year college level course will receive six college credits from West Chester University.

CAREER EDUCATION PROGRAM

The West Chester Area School District's multi-faceted Career Education Program connects high school students with real world experiences, serving as a critical link between classroom learning, both in curriculum content and skill acquisition, and in the world of work. Deeper learning occurs through the purposeful integration of rigorous academic content with diverse experiences to build knowledge, intentionally cultivate skills, and broaden perspectives for students to become lifelong learners and purposeful contributors to our community and beyond.

Business and community connections positively impact students through the sharing of practical work experiences and learned life lessons that help students make informed career decisions. Through these meaningful interactions, community leaders also help students identify and hone future-ready skills needed to compete and succeed in the workplace.

Our goal is to provide awareness to students and families of the spectrum of post-secondary career and education and training opportunities including school to work, apprenticeship, certification, and two year and four year college/university programs. Purposeful and rewarding careers abound in both the skilled trades and those requiring a college degree, and may be achieved at various levels of financial cost.

Career Education Components – Grades 9 - 12

- **Personal Interest & Aptitude Exploration:** Students identify and develop personal interests through course selection including an array of elective course offerings, participation in extracurricular clubs, sports, and activities, and engagement in our comprehensive career exploration software program.
- **Future-Ready Skills:** Classroom and community based experiences focused on learning, literacy and life skills. Learning skills focus on the "Four Cs": critical thinking, communication, collaboration and creativity. Literacy skills, also called "IMT", include information, media, and technology skills that focus on digital comprehension. Life skills ("FLIPS"), include flexibility, leadership, initiative, productivity and social skills.
- **Career Awareness via Field Trips, Community Events, and Career Showcases:** Students may participate in a variety of curriculum related field trips, events and showcases in various career clusters and post-secondary educational institutions. Collaboration with leadership and mentoring organizations such as Junior Achievement (JA), Pennsylvania Free Enterprise Week (PFEW), Youth Leadership Program (YLP), and others is included. Students complete a reflection of their experience(s) which is housed in their individual career portfolio, allowing each experience to shape their future vision.
- **Job Shadowing and Internship Program** – Grades 11, 12: Job shadowing is a career exploration activity in which students gain exposure to careers that they are interested in pursuing by working with business/community volunteers for part of a work day. By visiting a workplace, investigating a career field and industry, and experiencing a typical day on the job, students can determine if the career and industry fits their interests, skills, and career aspirations. Students may initiate their own experiences or in coordination with the Career Education Counselor.

Internships provide juniors and seniors a deeper understanding of, and experience within, a business/institution/non-profit organization, over a minimum time period of 60 hours. This may be

completed throughout the school year, summer, or during the last four weeks of senior year, in coordination with the Career Education Counselor. Students must procure their own internship-site, find the associated transportation, secure a faculty advisor, and the business must obtain the required Pennsylvania clearances. Each student is required to maintain a journal with reflections within their career portfolio, and provide an oral presentation that summarizes their experience at the conclusion of their internship. More information and application materials are available on the West Chester Area School District website under Career Exploration Program under the Curriculum tab.

NEUTRAL WEIGHTING FOR ELECTIVE COURSES

Many courses that were formerly weighted at the Career & College Prep level are neutrally weighted. However, students may choose to include level weighting for these specific elective courses in the calculation of their grade point average (GPA). Neutrally weighted elective courses can be found in the following subject areas:

- Career & College Prep level Art and Music courses
- Career & College Prep level Family & Consumer Science, Video Production 1, and Technology Education courses
- Career & College Prep level Business and Marketing courses
- Career & College Prep level English and Social Studies elective courses
- Career & College Prep level 1 and 2 World Language courses

To receive Career & College Prep quality points for neutrally weighted courses, students must complete a "Request for Elective GPA Inclusion" form that is available online and in each guidance office. This form must be signed by the student and their parent/guardian and returned to the student's counselor no later than Monday, April 12, 2021.

NOTES:

- The term "Neutrally Weighted" will appear beneath the course title of all eligible courses.
- Credits and grades earned in neutrally weighted courses will appear on transcripts.

SENIOR PRIVILEGES

All seniors must register for a minimum of 5.4 credits to be considered full-time students. A senior who has met all graduation requirements to date and is scheduled for study hall at the beginning or the end of their school day may request to participate in the senior privilege opportunity. If granted by administration, senior privileges afford students the opportunity to sign in to school later than 7:30 a.m., in lieu of attending study hall. This privilege also permits students the opportunity to leave school early in the event they are scheduled for a study hall at the end of the day. Students who are on senior privilege are not permitted to remain on campus unsupervised during the given study hall or unassigned lunch. School administration reserves the right to rescind senior privileges if necessary, and parents have the right to rescind permission at any time.

Students may be granted senior privileges if they meet the following requirements for the duration of their senior year:

- The student must have achieved a minimum 2.5 grade point average prior to their senior year.
- The student must avoid excessive lateness to and absence from school. Students will receive one warning before losing senior privileges for the remainder of the semester if they exceed 3 unexcused latenesses or absences.
- Students participating in senior privileges are responsible for their own transportation to and from school.
- The student must submit a completed Senior Privilege application with a parent signature prior to receiving administrative permission to participate in senior privilege.

Student schedules will not be altered to accommodate Senior Privileges

GRADING SCALE

Grade point averages (GPA) are computed as recommended by the National Association of Secondary School Principals. Students have the option to include elective courses at the Career and College Prep level into the GPA. Grades are weighted in honors, accelerated honors, and AP courses.

At the end of each school year, final grades shall be reported on the report card and student transcript on a 100 point scale. All courses, including summer school courses, are included in the GPA with the exception of neutrally weighted elective courses as designated in the course selection guide.

Grade	Career & College Prep	Honors	AP & Accel. Honors
A+ = 97-100	4.3	4.73	5.16
A = 93-96	4.0	4.4	4.8
A- = 90-92	3.7	4.07	4.44
B+ = 87-89	3.3	3.63	3.96
B = 83-86	3.0	3.3	3.6
B- = 80-82	2.7	2.97	3.24
C+ = 77-79	2.3	2.53	2.76
C = 73-76	2.0	2.2	2.4
C- = 70-72	1.7	1.87	2.04
F = below 70	0	0	0

COURSE WITHDRAWAL POLICY

A student may withdraw from a class up to the following time period and receive NO grade:

- Full year course2 weeks prior to the end of the second marking period
- 1st semester course 2 weeks prior to the end of the first marking period
- 2nd semester course 2 weeks prior to the end of the third marking period

Withdrawal from a course beyond the time specified above:

- Student is failing.....WF grade is recorded and included in the GPA
- Student is passing ..WP grade is recorded but not included in the GPA

PROMOTION REQUIREMENTS (MINIMUM)

- Grade 10A student who has completed at least 5 credits in Grade 9.
- Grade 11.....A student who has completed at least 11 credits in Grades 9 and 10.
- Grade 12A student who has completed at least 17 credits in Grades 9, 10, and 11.

COUNSELING TELEPHONE NUMBERS:

- Henderson 484-266-3408
- East..... 484-266-3811
- Rustin 484-266-4318



WEST CHESTER AREA SCHOOL DISTRICT

2021-22 HIGH SCHOOL COURSE SELECTION GUIDE

ART

The Art Department creates a positive environment to educate students in the world of art. Students can choose to enrich their studies with art opportunities, as well as pursue art related professions. These courses prepare and educate students to understand and apply media, techniques and processes to their art work. Teachers guide students to choose and evaluate a range of subject matter, symbols, and ideas. Students explore the visual arts in relation to history and cultures. These courses allow both student and teacher to reflect upon and assess the characteristics and merits of their work and the work of others. Art courses make connections between visual arts and other disciplines. As an elective, the emphasis will be interest and commitment.

ART COURSES FOR STUDENTS WITH A MAJOR INTEREST IN THE VISUAL ARTS:

Advanced Studio Studies Honors; Photography 2, 3; Advanced Placement Art & Design; Portfolio Development Honors; Advanced Placement Art History; Sculpture/3-D Design 2, 3; Graphic Design 2,3; and Studio Art 2.

Note: All courses are open to any student who meets the prerequisites.

ADVANCED PLACEMENT ART HISTORY

(10, 11, 12) 1 CREDIT

This college level humanities course takes students around the globe in their study of art. Covering the Paleolithic era through contemporary times, students will analyze art, architecture, and artifact in reference to its place in global civilization. This course can expand on a student's acquired knowledge of history, geography, politics, literature and visual art. Each work is examined in reference to its historical context and the story it tells. Students will experience the artworks through museum trips and virtual reality, conduct in group work and participate in class discussions. Class discussions may include politics, economics, gender, culture, or race as it relates to the history of art. This course prepares students to take the College Board AP Art History exam.

COMIC & ANIMATION 1

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Comic and Animation 1 is a design oriented course focused on comic facial and figure design, story construction, animation, visual narratives, lettering, imagery related to the written word, and two dimensional design. Students experiment with a variety of traditional media and computer graphics through the Adobe Creative Suite. Additional activities include class critique as well as information about art history and vocabulary.

COMIC & ANIMATION 2

(10, 11, 12) 1 CREDIT

Neutrally Weighted

Comic and Animation 2 is a course to build on skills learned, concepts studied and knowledge gained in the first Comic and Animation course. Further animation techniques, computer graphics, portfolio preparation, critiques, and art history are emphasized. Prerequisite: Completion of Comic & Animation 1 or teacher recommendation.

COMIC & ANIMATION 3 HONORS

(11, 12) 1 CREDIT

Comic and Animation 3 incorporates computer art and animation software with traditional media. Students learn how to apply computer techniques to create and color comics. Advanced animation techniques, computer graphics, portfolio preparation, critiques, art history, and are emphasized.

Prerequisite: Completion of Comic & Animation 2 or teacher recommendation.

GRAPHIC DESIGN 1

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

This beginning course is for students interested in learning the fundamentals of graphic design. Students use drawing skills as well as computer graphic software such as Adobe Illustrator within the Adobe Creative Suite. The course addresses layout, color, lettering, illustration and advertising.

GRAPHIC DESIGN 2 **(10, 11, 12) 1 CREDIT**

Neutrally Weighted

This second level course focuses on advancing knowledge of graphic design software and technology. Graphic design techniques, portfolio preparation, critiques, and art history are emphasized. The course addresses various traditional and digital media in use today such as brochure design, product development, package design, advertisements and poster design. Besides Illustrator, other programs from the Adobe Creative Suite are used in this course. Prerequisite: Completion of Graphic Design 1 or teacher recommendation.

GRAPHIC DESIGN 3 HONORS**(11, 12) 1 CREDIT**

This third course is an advanced level of graphic design. Through advanced traditional and digital media in use today, students explore advanced artistic techniques. Portfolio preparation, critiques, art history are emphasized. Besides Illustrator, other programs from the Adobe Creative Suite are used in this course. Prerequisite: Completion of Graphic Design 2 or teacher recommendation.

PHOTOGRAPHY 1 **(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

An introduction to black and white photography, students will learn the basics of the single lens reflex camera operation, how to develop and print black and white film, darkroom work, and matting and presenting a finished photograph. Digital photography is introduced, along with print manipulation software such as Adobe Photoshop. This course increases understanding of photography as an art form and allows the student to produce a portfolio of work by the end of the course.

PHOTOGRAPHY 2 **(10, 11, 12) 1 CREDIT****PHOTOGRAPHY 3****(11, 12) 1 CREDIT**

Neutrally Weighted

Photography 2 and 3 emphasize fine art black and white photography, as well as digital photography. Students are introduced to classic photographers, as well as the new direction of photography in the

digital age. Students are encouraged to explore all aspects of the photographic medium and develop a personal style in their work. Building a strong portfolio will be emphasized.

Prerequisite: Photography 1/Photography 2 or teacher recommendation.

PORTFOLIO DEVELOPMENT HONORS**(11, 12) 1 CREDIT**

This third-level class is designed for the serious art student and provides opportunity for students to work on advanced studio projects that add depth and breadth to the college portfolio work. Advanced studio processes are practiced. Students are able to investigate new processes and synthesize processes learned in prior courses. Artwork can become conceptual. Students learn to have a clear focus in a substantial body of work and are able to articulate that focus. There is a heavy emphasis on observational study. Large work and series work are completed. The coursework is very rigorous and projects are complex. Students need to work on projects in and outside of school.

Prerequisite: Studio Art 2 or teacher recommendation.

SCULPTURE/3-D DESIGN 1**(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

Students are challenged to think three-dimensionally. Areas of sculptural techniques may include additive and subtractive, as well as sculptural types like relief, in the round and kinetic. Possible materials for exploration may be clay, paper, plaster, wire, wood, metals, glass, ceramic, and found objects. Individual, small group and large group projects may be employed in this course. Sculpture movements of the past, as well as contemporary art, are reviewed.

SCULPTURE/3-D DESIGN 2**(10, 11, 12) 1 CREDIT**

Neutrally Weighted

Students are challenged to build upon the concepts and skills developed in Sculpture 1. More emphasis is placed on independent study with a focus on sculptural movements and their relevance to student work. Experimentation of media and ideas are encouraged. Critique and art historical reference are part of the learning process.

Prerequisite: Sculpture/3-D Design 1 or teacher recommendation.

SCULPTURE/3-D DESIGN 3

(11, 12) 1 CREDIT

Neutrally Weighted

Students have the opportunity to develop concentrations in areas of personal interest. The freedom to formulate ideas within their concentration is encouraged. Media is determined by the concepts. Independent exploration and growth are stressed. Critique and art historical reference are part of the learning process.

Prerequisite: Sculpture/3-D Design 2 or teacher recommendation.

STUDIO ART 1

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Focusing on 2-dimensional design, students work with a variety of media such as pencils, charcoals, pastels, watercolors, and acrylics. The course addresses shading, depth, color theory, layout, and painting, and integrates appreciation, criticism, and art history into its content.

STUDIO ART 2

(10, 11, 12) 1 CREDIT

Neutrally Weighted

At this level, students are expected to build on skills, experiences and philosophies learned in Studio 1. Critical and creative thinking are incorporated as a more in-depth problem solving approach through the use of a variety of media. College portfolio preparation, class critiques and art history are emphasized.

Prerequisite: Completion of Studio Art 1 or teacher recommendation.

ADVANCED PLACEMENT ART AND DESIGN

(11, 12) 1 CREDIT

This course is for advanced art students who wish to receive AP credit and one graduation credit. Advanced Placement credit is not based on the usual written exam. The course work is quite rigorous. Students must submit a portfolio that includes a series work based upon a Sustained Investigation at the end of the year. Because of the amount of work, it is often necessary to complete projects at home. Should the portfolio be accepted, the student has the opportunity to apply for college credit.

Prerequisite: Portfolio Development Honors, completion of a third level art course, or teacher recommendation.

ADVANCED STUDIO STUDIES HONORS

(11, 12) 1 CREDIT

This fourth-level advanced course intensifies and expands previous media experiences and offers additional problem-solving challenges. Students are expected to synthesize what was taught in Studio 1, Studio 2 and Portfolio Development. Students are encouraged to explore individual style and are expected to create a large body of work which shows clear personal vision. Work is done in and outside of class. A strong emphasis is placed on art history and contemporary art practices. The critical process is an integral part of this course.

Prerequisite: Portfolio Development or teacher recommendation.

ART OPTIONS

(10, 11, 12)* VARIABLE CREDIT

Neutrally Weighted

Designed for students who want to take a specific art class for partial credit due to scheduling conflicts, students must choose which art class to enroll in, and receive the permission of BOTH the art teacher and their guidance counselor. This is NOT an independent study arrangement. Credit is determined on the number of days per week the student is enrolled in class.

*Since this course is based on availability and room within a student's schedule, this course may be selected only after the school year begins.

BUSINESS/MARKETING/INFORMATION TECHNOLOGY

ACCOUNTING 1 HONORS

(10, 11, 12) 1 CREDIT

Blended learning class - 4 days in-class/1 day online learning
The Accounting 1 Honors course is designed for students planning to major in business at the college level or for students preparing for a career in business or accounting. Students focus on recording, understanding and interpreting financial records for a sole proprietorship service business. Through demonstration, explanation and practice, students explore topics including: generally accepted accounting principles, the accounting cycle, and basic financial statements. Emphasis is placed on applying workforce readiness skills.

ACCOUNTING 2 HONORS**(11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/1 day online learning
Accounting 2 Honors is an advanced course offering a higher proficiency in accounting for students planning to major in business or accounting at the college level. Students focus on recording, understanding, and interpreting financial records for a merchandising corporation. The content is delivered through explanation, demonstration, on-line activities and practice. Emphasis is placed on applying workforce readiness skills including: mathematics and financial analysis; understanding complex inter-relationships; teamwork; critical thinking and problem solving; and self-direction/personal responsibility. Throughout the year, students complete projects to link classroom learning with the business world.

BUSINESS MANAGEMENT HONORS**(11, 12) 1 CREDIT**

This course, which includes foundation of business management, business operations and management techniques, economics of distribution, human relations, business ethics and law, forms of business ownership and business finance, provides a business background for students planning to major in business at the college level, or for students planning a business career. Content is delivered through units that focus on the fields of sports and entertainment, hospitality and tourism, retail and fashion, and e-commerce. Management of the school store and activities in DECA (an association of marketing students) are used to develop business and leadership skills. To receive honors credit, students must participate in DECA's co-curricular competitions or complete a DECA competition project. Students enrolled in a full-year business course may participate in DECA.

ENTREPRENEURSHIP HONORS**(12) 1 CREDIT**

Blended learning class - 4 days in-class/1 day online learning
Designed for seniors with a desire to explore the American dream of owning a business, this course provides an overview of what is required to open a business. Curriculum includes developing a business plan, learning about the Lean Startup Method, obtaining technical assistance, planning a market strategy, locating and financing the

business, dealing with legal issues and government regulations, as well as total management of the business. Students will have an opportunity to compete in local business plan competitions. Students enrolled in a full-year business course may participate in DECA.

INTERNATIONAL BUSINESS **(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

Through project-based research and case studies, students explore the expanding global economy. Topics include trade, labor and capital mobility, multi-national corporations, currency and exchange rates, developed and developing countries, and the evolving world economy.

INTERNSHIP**(12) 1 OR 2 CREDITS**

Neutrally Weighted

The Business/Marketing Internship Program is a career-focused experience during which students become directly involved in the workplace. This experience provides an opportunity for a student to apply the skills obtained in school to real work situations and to learn additional skills. An internship will also help students to define career goals. Students will be released for 1 or 2 periods as appropriate.

Prerequisite: At least one Business/Marketing credit.

INTRODUCTION TO BUSINESS & MARKETING **(9, 10) 1 CREDIT**

Neutrally Weighted

Students achieve a basic understanding of business, marketing, finance, economics, and careers. They learn their role as a business professional, consumer and citizen in the free enterprise system, and explore a broad scope of business related careers. The curriculum is designed to develop attitudes and basic skills that lead to successful employment. Individual exploration, as well as group projects, are used to define career options, develop employment skills, learn how to find employment, manage business and marketing projects, and understand finances. Operations of the school store and activities in DECA (an association of marketing students) are used to develop leadership abilities.

MARKETING HONORS

(10, 11, 12) 1 CREDIT

This course is designed to develop an understanding of marketing processes and the specific skills in selling, advertising, display, business record keeping, merchandising and human relations. Included are basic economics, marketing processes, consumer motivation, techniques of selling, business systems, customer services, business communication, interpersonal relationships and sales promotion. Operation of the school store and activities in the DECA (an association of marketing students) chapter are used to develop leadership abilities. To receive honors credit, students must participate in DECA's co-curricular competitions or complete a DECA competition project. Students enrolled in a full-year business course may participate in DECA.

COMPUTER APPLICATIONS FOR COLLEGE AND THE WORKPLACE

(10, 11, 12) .5 CREDIT

Neutrally Weighted

This course will enhance student's skills in Google Apps and Microsoft Office word processing, spreadsheet, presentation and design productivity software allowing for professional level skill development. Other computer and web-based technology and concepts will be explored including safety, data storage, file sharing, and free web based programs. Students will be positioned with highly desirable workplace skills while obtaining a level of mastery to produce professional products.

PERSONAL FINANCE

(9,10, 11, 12) .5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Given today's economic climate, students, now more than ever, should consider carefully their future in terms of career choice, education and financial stability. Curriculum is driven by Federal and State initiatives to develop necessary financial awareness in today's economic markets. Individual career portfolios based on interest inventories and aptitude tests, career exploration, resume building, and post secondary planning are developed. This portfolio is essential to defining and directing students' individual career objectives. Economic analysis of our monetary system and financial literacy concepts including goals and decision making, income, money management, spending

and credit, savings and investing, budgeting and purchasing goods and services, and retirement planning are provided. Students may intern with the Keystone Federal Credit Union branch located in the school.

Social Media Marketing

(9, 10, 11, 12) .5 credit/semester course

Neutrally Weighted

This course will provide students the opportunity to study the history and influence of social media while developing integrated marketing communications plans and social media strategies. Social platforms will be explored and skills developed to influence perception and engagement while simulated social media campaigns will be launched and key metrics and analytics will be used to measure success. Students will develop skills related to communication, research, analysis, synthesis and project management while preparing students for social media marketing roles in the workplace.

SPORTS & ENTERTAINMENT MARKETING

(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Through project-based research and case studies, students explore the multi-billion dollar sports and entertainment industries. Topics include economics, marketing, brands, image, product development, pricing, branding, licensing, research, promotion, and careers.

CAREER COUNSELING

FUTURE READINESS 1

(9, 10) PASS/FAIL .1 CREDIT/SEMESTER

Meets 1 Day a cycle

This course will help students make a successful transition from middle school to high school while developing skills for overall success in high school and beyond. Students will explore social/emotional development, academic practices, and career readiness, while improving students' study and decision making skills in the process.

FUTURE READINESS 2 (10, 11)

PASS/FAIL

.1 CREDIT/SEMESTER

Meets 1 Day a cycle

This course will help students develop both technical and soft skills needed for career readiness through

personal learning and workplace experience connections. Students will explore post-secondary options aligned with their interests, achievements and abilities. Students will be provided with a solid foundation in career education, 21st century skills development, and sustainable employment opportunities.

COMPUTER SCIENCE

Additional computer classes may be found in the previous section titled “Business/Marketing/Information Technology.”

COMPUTER PROGRAMMING IN C HONORS

(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE

Blended learning class - 4 days in-class/1 day online learning

This course provides an introduction to computer programming. Students will begin with a history of computing and the software development cycle. Programs will be implemented using both simple and complex scientific and mathematical algorithms. Specific topics may include (but are not limited to): Simple Data types (including Boolean and string types), Input and Output, Decision and Iterative Control Structures, String Manipulation, and Functions.

Prerequisite: Algebra 1.

COMPUTER PROGRAMMING IN C++ HONORS

(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE

Blended learning class - 4 days in-class/1 day online learning

This course introduces students to programming using the C++ language. Students will deepen their understanding of the algorithmic design process of structure programming through the use of functions. Specific topics may include (but are not limited to): Arrays (both one and two dimensions), Searching and Sorting Arrays, Dynamic Memory, Structured Data Types, and an introduction to Class Data Types.

Prerequisite: Algebra 1

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

(9, 10, 11, 12) 1 CREDIT

Blended learning class - 3 days in-class/2 day online learning

Students in this class will learn the creative aspects of programming, abstractions, algorithms, large

data sets, the Internet, cybersecurity concerns, and computer impacts. This course will provide students the opportunity to use technology to address real-world problems and build relevant solutions. Course work focuses on the innovative aspects of computing as well as the computational thinking practices that help students see how computing is relevant to many areas of their everyday lives. This course prepares students for the Advanced Placement examination in Computer Science Principles. Students will also be required by the College Board to create a set of artifacts to be submitted in addition to taking the AP test.

Prerequisite: Algebra 1

ADVANCED PLACEMENT COMPUTER SCIENCE 1

(10, 11, 12) 1 CREDIT

Blended learning class - 3 days in-class/2 day online learning

This course extends computer programming concepts developed in Computer Programming C and C++ and applies them to Java, the language of the AP Computer Science examination. Content includes the exploration of classes, arrays, sets and pointers. Object-oriented programming methodology is studied. This course prepares students for the Advanced Placement examination in Computer Science.

Prerequisite: Computer Programming in C or C++ or teacher recommendation.

COMPUTER SCIENCE 2 ADVANCED AND EXTENDED STUDY **(11, 12) 1 CREDIT**

Blended learning class - 2 days in-class/3 day online learning

Using the programming language of Java, this course extends the concepts learned from Computer Science 1 AP and offers students the opportunity to explore and learn in an environment that requires a significant amount of independent study. Topics include advanced programming algorithms, computer memory and run-time comparisons, advanced class usage, inheritance, polymorphism, dynamic data structures, graphics and/or GUI interface. Students receive AP-weighted grades for this course.

Prerequisite: Computer Science 1 Advanced Placement.

ENGLISH

ENGLISH 9 CAREER & COLLEGE PREP/ HONORS

1 CREDIT

English 9 includes a balanced program of reading, written or oral response, language study, and vocabulary. Reading takes place both in and outside of class. The core curriculum emphasizes personal response to a variety of literary works. Frequent writing assignments and lessons in language study are related to the reading and include research skills. The amount and types of reading and writing, the work done outside of class, student responsibilities, and teacher expectations differ from one level of the course to another as indicated by the level descriptions. Each level expands upon the core curriculum with supplemental readings and assignments.

ENGLISH 9 ACCELERATED HONORS

1 CREDIT

Students study literature in thematic units. Daily class discussions are based on readings, and students are expected to participate by contributing relevant, constructive and probing comments and questions. Students also complete process writing assignments as well as research pieces. Vocabulary and grammar study are also required.

Prerequisite: Students must have a teacher recommendation.

ENGLISH 10 CAREER & COLLEGE PREP/ HONORS

1 CREDIT

English 10 continues the development of communication skills emphasized in English 9 with a balanced program of reading, written or oral response, language study, and vocabulary. The core curriculum emphasizes the study of literature. Units include the reading of essays, short stories, novels, poetry, and plays. Reading takes place both in and outside of class. Frequent writing assignments and lessons in language study build on previous competencies and include research skills. The amount and types of reading and writing, the work done outside of class, student responsibilities and teacher expectations differ from one level of the course to another. Each level expands upon the core curriculum with supplemental readings and

assignments.

ENGLISH 10 ACCELERATED HONORS

1 CREDIT

Building on Accelerated Honors 9, Accelerated Honors 10 continues the study of thematic units in major literary works. Students write analytical responses to a variety of poems, short stories, and essays from the text, as well as other major literary works. Daily class discussions are based on the readings, and students are expected to participate by contributing relevant, constructive, probing comments and questions. Students complete research writing. Vocabulary and grammar study are also required.

Prerequisite: Students must have a teacher recommendation.

ENGLISH 11 CAREER & COLLEGE PREP/ LANGUAGE

1 CREDIT

English Career & College Prep/Language incorporates the study of key ideas and themes from the core American literature into all aspects of the course curriculum. The course includes language study, vocabulary skills, grammar/usage, and basic strategies to prepare students for college and/or employment.

ENGLISH 11 CAREER & COLLEGE PREP/ HONORS

1 CREDIT

English 11 Literature Career & College Prep and Honors both relate reading and writing to language and themes represented by the core literature. Students read American literature written between the early 17th Century to the present, both in and outside of class, with vocabulary and comprehension activities tailored to accommodate different needs. A major emphasis is placed on research skills, reading and writing, independent studies, student responsibility, and meeting teacher expectations. The Honors level expands upon the core curriculum with supplemental readings and assignments.

ADVANCED PLACEMENT 11: LANGUAGE & COMPOSITION

1 CREDIT

Designed to provide students with a learning experience equivalent to the introductory year of college composition work, students strive to

become skilled readers of prose written in a variety of disciplines and rhetorical contexts, and skilled writers who compose for a variety of purposes, aware of the interactions among a writer's purposes, audience expectations, and subjects. Students will develop research skills that will enable them to evaluate, use, and cite source material.

FAILURE OF ENGLISH POLICY (SENIORS)
Seniors are permitted to take English 11 and English 12 simultaneously in order to graduate on time.

ENGLISH 12 CAREER & COLLEGE PREP/ LANGUAGE

1 CREDIT

This full-year course is designed to assist students in developing reading and writing skills appropriate to grade level study and post-secondary education and career. English 12 Career & College Prep/Language relates reading and writing to the key ideas and themes in the works of British and world writers. This course includes vocabulary study, review of correct grammar and usage, and basic strategies that will prepare students for college and/or the workplace.

ENGLISH 12 CAREER & COLLEGE PREP/HONORS

1 CREDIT

Seniors taking Honors or Career & College Prep literature level courses take British Literature first semester (except for students enrolled in AP English or English Career & College Prep/Language), AND one of the five semester course options second semester. Both courses must be passed for graduation.

FIRST SEMESTER – BRITISH LITERATURE LEVELS

ENGLISH 12 BRITISH LITERATURE CAREER & COLLEGE PREP/ HONORS ☉

.5 CREDIT/SEMESTER COURSE

English 12 British Literature Career & College Prep and Honors both relate reading and writing to the language and themes represented by the core literature. Students read British and world literature from the English language's origins to the present. Students produce frequent writing assignments and explore language study. Selections for the

core and supplementary texts provide a basis for compositions, discussions, and research. The Honors level expands upon the core curriculum with supplemental readings and assignments.

SECOND SEMESTER – ONE OF THE FOLLOWING FIVE OPTIONS

One of the following five courses must be taken by seniors during the second semester to satisfy their full-year English requirement. The courses are not leveled and availability will depend upon the Master Schedule.

AFRICAN AMERICAN LITERATURE ☉ .5 CREDIT/SEMESTER COURSE

This course seeks to understand the Black experience through texts written by African American authors. Students will encounter a variety of literary genres, including novels, short stories, poems, and plays. Readings cover a wide band of history, from slave narratives to the Harlem Renaissance, the Civil Rights movement, and the 21st Century Black experience. Issues of race, equity, and culture will be foregrounded as we investigate the historical struggle of African Americans.

CONFLICT LITERATURE

.5 CREDIT/SEMESTER COURSE

Fictional and non-fictional literature reflecting times of conflict and crisis are the focal point of reading.

CONTEMPORARY LITERATURE

.5 CREDIT/SEMESTER COURSE

This course includes literature and material from 1980 to the present.

HUMAN ENDEAVORS

.5 CREDIT/SEMESTER COURSE

Students investigate the challenges and accomplishments of those who have attempted excellence. Different genres of literature, including novels and non-fiction, help to chronicle the perseverance of the human spirit.

HUMANITIES ☉

.5 CREDIT/SEMESTER COURSE

Literature, history, entertainment, film, arts, fashion, and trends come together in a study of the decades and eras in literature. Writing analyzes

the literature and cultural media as conjunctive components

ADVANCED PLACEMENT 12: LITERATURE & COMPOSITION

1 CREDIT

This course is designed to provide students with a learning experience equivalent to the introductory year of college literature work. The course engages students in the careful reading and critical analysis of literature. Through the reading of literary texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. An integral part of the course is writing interpretations of literary texts based on careful observations of textual details such as structure, style, theme, figurative language, imagery, symbolism, and tone.

ENGLISH ELECTIVES

The following courses may be used for arts/humanities or elective credits for graduation.

FILM STUDIES

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Students in this class will analyze films of various eras and styles, considering the literary and cinematic techniques and perspectives which contribute to create meaning. This course will supplement and expand on skills practiced in other courses, including Language Arts and Video Production. Coursework will focus on critically viewing films, reading relevant texts, and writing both creatively and analytically. Class discussions will provide a forum for students to reflect on, theorize about, and evaluate films.

PUBLICATIONS

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Designed for students interested in fields such as social media, journalism, magazine design, and communications, students will explore "traditional" media (magazines and newspapers), as well as "emerging" media (websites, blogs, and popular social media). Publications will cover the techniques of design, graphics, and current trends in publishing, as well as identifying and communicating with an audience. This course will prepare students to

compete in a global, digital publications market.

PUBLIC SPEAKING 1

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Public speaking is a skill needed for success in communication, both in formal and informal situations. Students will examine techniques for writing and presenting persuasive, informative, interpretive, and entertaining speeches in addition to refining voice, poise, pronunciation, and gestures. Extemporaneous speeches, as well as speeches requiring research and preparation, are included. By developing self-confidence in front of a crowd, students will prepare themselves for various social and career opportunities.

PUBLIC SPEAKING 2

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Building upon the foundational speaking skills learned in Public Speaking, this course is for the student who desires to develop confidence and leadership skills. Students will seek opportunities to individualize their speeches and to speak outside of the classroom according to their interests and strengths.

Prerequisite: Public Speaking 1

THEATRE 1

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

An introductory course designed for students with an interest in drama, students are given opportunities to study and practice acting techniques. This course includes a background in theatre, including improvisation, movement, and pantomime; use of voice, diction, and oral interpretation.

THEATRE 2

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Theatre Production is an exploratory course designed for students interested in drama. Students explore, develop, and synthesize the elements of the theatre through practical, hands-on experiences in acting and stagecraft. Through techniques like costuming, set design, and lighting, students will learn various elements of dramatic production.

Prerequisite: Theatre 1 or permission of instructor

CREATIVE WORKSHOP 1 **.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

Creative Workshop 1 provides student writers with opportunities to explore the foundations of good writing in both fiction and nonfiction. Students will develop their own unique style and take creative risks in a supportive workshop environment. Students and their teacher discuss, model, and practice various genres. The class will publish an anthology of student writing, and students are encouraged to find online publications venues.

CREATIVE WORKSHOP 2 **.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

This self-directed course is for motivated student writers who frequently write on their own or are considering writing in their college/career plans. Students develop a contract with the teacher to individualize their writing goals. They can explore and research various genres of fiction and nonfiction, and investigate Internet-based writing forums, contests, and publications. Students will be encouraged to promote their own writing through blogging, publishing, and oral presentation.

Prerequisite: Creative Workshop 1

ENGLISH ELECTIVES (READING)**CONTENT AREA LITERACY****(9) 1 CREDIT**

In this course, participants will learn the cognitive and reflective processes that successful, independent readers use to comprehend text. They will become more competent readers and will improve their skills with the more challenging content texts they encounter at the high school level.

Students will be selected into this course based on need as determined by multiple data.

ENGLISH ELECTIVES (VIDEO)**BROADCAST JOURNALISM & SOCIAL MEDIA** 
PRODUCTION HONORS I**(9, 10, 11, 12) 1 CREDIT**

This course will develop the effective use of spoken and written communication for different media purposes and contexts. Students will demonstrate

proficiency by creating multimedia products for our social media-centric culture. Students will produce a daily broadcast for school, and produce content for a school appropriate social media channel. Students will explore many topics such as: newsroom production, script writing, journalism ethics, news and social media judgment, interview, studio and remote shooting, production staging, directing, and editing. Students will be expected to work in front and/or behind the camera for this class, and will also demonstrate technical proficiency in the use of modern media production tools.

VIDEO PRODUCTION 1 **(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

This course provides students the opportunity to learn the fundamentals of video production using current industry standard equipment and software. Skills taught will include camera operation, audio recording, video editing, and digital age team collaboration and interpersonal skills. These skills are required and benefit students in high school and in all post-secondary settings. Students will create personal videos for a portfolio including -- but not limited to -- a personal narrative, storytelling, and a documentary.

VIDEO PRODUCTION 2 HONORS **(10, 11, 12) 1 CREDIT**

Students become content creators in narrative genres and documentary genres. Storytelling technique is emphasized in all projects as students continue to refine their use of equipment and editing techniques with increasing sophistication towards professionalization to match current industry practices. Emphasis is placed on collaboration to complete projects by leveraging the skills of the collective production team. Students will learn the different job roles of writer, producer, director, cinematographer, audio specialist, gaffer, and editor with successive projects, so that each student may start to articulate his/her individual film making voice.

Prerequisite: Video Production and permission of instructor.

VIDEO PRODUCTION 3 HONORS **(11, 12) 1 CREDIT**

Individual expression is explored and encouraged in this year of study. Students will create a large-scale individual professional quality project or

multiple smaller professional quality projects that are thematically or genre linked. Additionally, students are required to collaborate on at least two other student projects of similar rigor. The third year offers students the opportunity to create a professional portfolio of products that demonstrate independence and professionalism as content creators. The portfolio may address one or many content areas of video production. The portfolio may be used for: college applications, career applications, social activism, artistic expression, and/or entrepreneurial endeavors. While students work on larger scale individual projects they will learn organizational competence through project management techniques related to pre-production, production, post production, marketing, and stakeholder relations.

Prerequisite: Video Production 2 and permission of instructor.

VIDEO OPTIONS*

UP TO 1 CREDIT

Neutrally Weighted

Individual expression is explored and encouraged in this course of study. This course is for the video student that is already signed up for a video class but would like to take additional video training in the same year. For that reason, the teacher and student will map out an individual area of focused study aimed at enriching the student further than they would be in any of the other video classes.

*This course is based on availability and room within a student's schedule and may only be selected after the school year begins.

ELL

All ELL courses are standards based and may be used as English credit. Technology is used to enhance learning.

ELL 1A

1 CREDIT

ELL 1A emphasizes academic and interpersonal communication skills in the English language. Students whose primary or home language is other than English benefit from this class. Students learn vocabulary, background knowledge, and strategies through direct instruction, content, and technology.

Level: Entering and Beginning

ELL 1B & 1C

1 CREDIT

ELL 1B and 1C taken concurrently or consecutively

with ELL 1A allows students the time, pacing, and practice necessary for completion of the ELL 1 curriculum. Reinforcement and extension of content area vocabulary, background knowledge, and learning strategies occurs, as well as using the target language in academically, socially, and culturally appropriate ways.

Level: Entering and Beginning

ELL 2A

1 CREDIT

ELL 2A continues to emphasize academic and interpersonal skills and vocabulary development, along with academic reading, writing and grammar. Skills acquired help students succeed in school by teaching them learning and reading strategies necessary to access the curriculum.

Level: Developing

ELL 2B & 2C

1 CREDIT

ELL 2B and 2C taken concurrently or consecutively with ELL 2A allows students the time, pacing, and practice necessary for completion of the ELL 2 curriculum. Reinforcement and extension of content area vocabulary, background knowledge, and learning strategies occurs, as well as using the target language in academically, socially, and culturally appropriate ways.

Level: Developing

ELL 3A

1 CREDIT

ELL 3A emphasizes reading, writing, and learning strategies that enable students to achieve success in the academic classroom. The class includes vocabulary acquisition, grammar skills, oral presentations, writing, and reading activities.

Level: Expanding

ELL 3B & 3C

1 CREDIT

3B and 3C taken concurrently or consecutively with ELL 3A allows students the time, pacing, and practice necessary for completion of the ELL 3 curriculum. Reinforcement and extension of content area vocabulary and learning strategies occurs, as well as using the target language in academically, socially and culturally appropriate ways.

Level: Expanding

ELL 4A

1 CREDIT

ELL 4 focuses on refining reading, writing, and learning skills necessary for research projects,

papers, PowerPoint, and other academic work. Students study advanced grammar, acquire specialized vocabulary, complete research projects, and practice extended oral discourse.

Level: Bridging

ELL 4B & 4C **1 CREDIT**

ELL 4B and 4C taken concurrently or consecutively with ELL 4A allows students the time, pacing, and practice necessary for completion of the ELL 4 curriculum. Reinforcement and extension of content area vocabulary and learning strategies occurs, as well as using the target language in academically, socially, and culturally appropriate ways.

Level: Bridging

FAMILY & CONSUMER SCIENCES

ADVANCED CLOTHING, & APPAREL

MERCHANDISING

(10, 11, 12) 1 CREDIT

Neutrally Weighted

This course is designed for students interested in a career in the apparel industry or who demonstrate accomplished skills in clothing construction. Selections of projects are limitless as the student determines the choice in each area of study. Emphasis is placed on proper fitting techniques and finishing details for a professional look. Students explore the latest technology in fashion design and construction. Units in creative textiles and career options in the world of fashion, textiles, and design will be emphasized. Students are responsible for the provision of all project materials throughout the year.

Prerequisite: Successful Completion of Creative Fashions

CREATIVE FASHIONS

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Aspects of fashion design and basic clothing construction are the core elements covered in class. Teamwork and leadership skills are developed by the student's participation in a variety of projects. Student project selection is guided by the universal design concepts of color, shape, line and texture. Fashion design, its history and future as well as basic clothing construction are part of the varied curriculum. Career options in the world of textiles

and fashions are explored. Creativity is highly encouraged. Each student is responsible for selecting and purchasing all patterns, notions, supplies and fabrics throughout the year. A community service project fulfills the PA FCS Standard for Balancing Family, Work and Community Responsibility.

CHILD DEVELOPMENT PRESCHOOL

LABORATORY 1

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students engage in learning about the physical, social, and emotional development of children while having the opportunity to apply their knowledge through interaction with 3 to 5 year-old children in our on-site preschool laboratory. Students engage in lesson plan development that incorporate PA academic standards, including literacy, science, and math.

CHILD DEVELOPMENT PRESCHOOL

LABORATORY 2

(10, 11, 12) 1 CREDIT

Neutrally Weighted

This course focuses on the preschool age child. Students engage in real life child development experiences and become skilled in planning and implementing a variety of activities including the implementation of formal lessons. Students are involved in facilitating the physical, social, and emotional development of the child. Social skills, study skills, and literacy development are emphasized as students implement strategies aimed at the growth and development of the preschool aged child. This course prepares students for further education in a child related career.

Prerequisite: Successful completion of Child Development Preschool Laboratory 1.

EDUCATING THE PRE-SCHOOL CHILD HONORS

(11, 12) 1 CREDIT

In this course, students will utilize the Pennsylvania Preschool State Standards to develop lessons based on current WCASD math, science, and literacy programs to create a bridge to the District's kindergarten curriculum. Students will also mentor Child development 1 and 2 students in best practice for creation of interactive classroom displays based on PA State Standards. They will assist the teacher in major event planning for holiday and school events and develop skills in administrative areas

such as communication with parents and teachers. They will assist in managing classroom procedures and evaluate and be evaluated with the use of rubrics.

Prerequisite: Successful completion of Child Development Preschool Laboratory 1 and 2.

EDUCATIONAL CAREER INTERNSHIP HONORS (12) 1 OR 2 CREDITS

This course involves students in real world experiences in a school setting. Students work closely with their internship teacher and classroom teachers in WCASD schools. Students participate in observations of WCASD students, planning and teaching lessons, and supporting student learning through mentoring and tutoring. Students must drive to their partnership individually. Professional dress is required.

Prerequisite: Successful completion of a Child Development 1 and 2.

INTRODUCTION TO FOOD PREPARATION

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students engage in proper selection, preparation, planning, and storage of foods in this interdisciplinary introduction into the culinary world. Students employ a variety of cooking and baking skills, and expand their knowledge in the essentials of safety, sanitation, measurement, and nutrition. Teacher demonstrations, student cooking labs, and technology are an integral part of the course. Recipe topics include: pastries, quick breads, pasta and other grains, proteins, salads, vegetarian dishes, and much more.

REGIONAL AND INTERNATIONAL CUISINE

(10, 11, 12) 1 CREDIT

Neutrally Weighted

This course builds on the skills developed in Introduction to Food Preparation by exploring the foods that were founded in the different regions of the United States, and investigating international cuisine and culture. Students actively participate in the development of more complex culinary skills while experimenting with different types of recipes and ingredients.

Prerequisite: Successful completion of Introduction to Food Preparation

INTRODUCTION TO CULINARY ARTS

(10, 11, 12) 1 CREDIT

Neutrally Weighted

This course emphasizes kitchen operations, catering, food preparation and baking skills in a school based state-of-the-art culinary facility. Emphasis is placed on practical experiences including recipe conversion, measurements, terminology, classical knife cuts, safe food/equipment handling, flavorings/seasonings, stocks/sauces/soups, and mise en place. Upon completion, students will be able to independently execute a broad range of cooking and baking skills. Students completing this course will be eligible for a ServeSafe Certification from the National Restaurant Association.

Prerequisite: Successful completion of Introduction to Food Preparation and teacher recommendation.

PASTRY BAKESHOP

(10, 11, 12) 1 CREDIT

Neutrally Weighted

As everyone knows, desserts are the highlight of any menu. This course teaches basic skills in pastry artistry and explores entrepreneurship and food-related careers. Students learn techniques of baking sweet and savory pastries and breads which are available through our pastry shop. Entrepreneurial projects are assigned throughout the year.

Prerequisite: Successful completion of Introduction to Food Preparation and teacher recommendation.

FAMILY & CONSUMER SCIENCES OPTIONS*

UP TO 1 CREDIT

Neutrally Weighted

In September, students who have the same study hall three or four days a week may arrange with a family and consumer sciences teacher and the guidance counselor to schedule into that time slot a course on a partial credit basis. They must take the course which is offered during that time and may not duplicate a course already completed. This is not an independent study situation.

*This course is based on availability and room within a student's schedule and may only be selected after the school year begins.

HEALTH & PHYSICAL EDUCATION

HEALTH FITNESS ☉

(9) 1 CREDIT

In order to reinforce information learned in the classroom environment with activities experienced in the physical education setting, health and physical education are combined into one course that meets five days per week. This course provides the opportunity for students to develop an optimal level of fitness and to create an understanding of how fitness concepts can be applied for personal improvement and disease prevention. A primary objective is for students to be able to assess their own fitness level and develop a physical fitness program to achieve personal goals. Students utilize heart monitors in the assessment of their exercise intensity and cardiovascular fitness. Information from heart monitors may be utilized to analyze student progress. In addition to the focus on fitness, other key elements of wellness include nutrition, stress, drugs and alcohol, and health-related decision making.

HEALTH ☉

(10) .6 CREDIT

Blended learning class - 2 days in-class/1 day online learning
Designed to motivate and encourage active participation in developing life skills for optimal mental, social, and physical health, this course guides students to apply health information and interpersonal and social skills to promote healthy behaviors. Emphasis is placed on developing personal and social competence in using decision-making, communication (including assertiveness and refusal skills), stress management, and goal setting skills. These skills are integrated across content areas in the units of study that reflect the National and State Health Education Standards. This class is scheduled two days per week for the entire year.

PHYSICAL FITNESS ☉

(10) .4 CREDIT

Students are provided the opportunity to enhance their understanding of health and skill-related fitness components. This focus allows students to develop experiences, attitudes, knowledge, and skills that promote adherence to an active lifestyle. Students will utilize heart rate monitors while

involved in fitness activities and sports as a way of assessing their effort and progress in cardiovascular fitness. Throughout this course, students will analyze their fitness level and set personal goals that incorporate all the components of fitness. A personal fitness plan will be developed to assess understanding of training principles and personal improvement. Students will also focus on problem-solving activities that help them to develop 21st century skills necessary for working with others. This class is scheduled two days per week for the entire year.

GROUP FITNESS ☉

(11, 12) .4 CREDIT

Designed for students who wish to maintain and/or improve personal fitness without engaging in team sports. Group Fitness includes Yoga & Pilates, group exercise (kickboxing, interval training, body bar, balance ball, step aerobics, Latin fitness training, etc.), dance, self-defense, and cardiovascular exercise. Health-related fitness components are emphasized. Heart rate monitors will be utilized to assess cardiovascular performance. This course meets two days per week for the entire year.

SPORT PHYSICAL EDUCATION A

(11, 12) .4 CREDIT

This program offers students the opportunity to engage in a wide variety of team and individual activities and sports with the emphasis placed on promoting and maintaining a healthy active lifestyle. Heart rate monitors are utilized to assess cardiovascular performance. Sport PE is scheduled two days per week for the entire year.

ADVANCED PHYSICAL EDUCATION 1 - INDIVIDUAL (12) .5 CREDIT/SEMESTER COURSE

Designed for students with a strong interest in physical education, recreation and related fields, students are challenged to learn more about individual activities and explore topics not covered in the traditional physical education program. Students experience the art of teaching skills and techniques to others, as well as planning and conducting an activity for community involvement. In addition, students are exposed to a variety of career related opportunities in this area. This class is scheduled 5 days per week for one semester.

Prerequisites: Successful completion of physical education in grades 9, 10, and 11; exhibit good

sportsmanship and fair play; demonstrate a high level of participation and cooperation; teacher recommendation from PE 11 or Advanced PE teacher.

ADVANCED PHYSICAL EDUCATION 2 - TEAM (12) .5 CREDIT/SEMESTER COURSE

Designed for students who have a strong interest in physical education, recreation, and related fields, students are challenged to learn more about team activities and also explore a variety of topics not covered in the traditional physical education program. Students experience the art of teaching skills and techniques to others as well as officiating, coaching, and designing team strategies. In addition, students are exposed to a variety of career related opportunities in the area. This class is scheduled 5 days per week for one semester.

Prerequisites: Successful completion of physical education in grades 9,10, and 11; exhibit good sportsmanship and fair play; demonstrate a high level of participation and cooperation; teacher recommendation from PE 11 or Advanced PE teacher.

MATHEMATICS

- ▶ All students must take a math course in each year of 9th, 10th and 11th grades.
- ▶ A flowchart of the progression of the secondary math courses can be found at the back of this guide.

ALGEBRA 1A

1 CREDIT

This is part 1 of a 2-year Algebra experience for students. Algebra 1A covers the first half of the Algebra content and provides additional time for students to explore the content and make connections to the abstract topics in the course. Topics include functions, one-variable equations as well as a focus on linear equations.

ALGEBRA 1B

1 CREDIT

This course serves as the second part of the Algebra 1 curriculum and focuses on systems of equations, exponents and polynomials. Additional time is provided to assist students with exploring concepts through multiple methods. At the conclusion of this course, students will have learned all of the content contained on the Algebra Keystone Exam.

ALGEBRA 1 CAREER & COLLEGE PREP

(9) 1 CREDIT

Content includes the tools of algebra, solving equations and inequalities, proportions, graphs and functions, systems of equations and inequalities, polynomials, radicals, and rational expressions. Course material is presented with representational and abstract applications of algebraic skills and concepts.

Prerequisite: Successful completion of Pre-Algebra.

ALGEBRA 1 HONORS

(9) 1 CREDIT

Throughout this course, students engage in algebraic reasoning and advanced applications of content. Content includes the tools of algebra, solving equations and inequalities, proportions, graphs and functions, systems of equations and inequalities, polynomials, radicals, and rational expressions. Course material is explored with representational and abstract applications of algebraic skills and concepts.

Prerequisite: Successful completion of Pre-Algebra.

GEOMETRY CAREER & COLLEGE PREP

(10) 1 CREDIT

Content includes reasoning and proof, parallel and perpendicular lines, congruent triangles, relationships within triangles, quadrilaterals, area, similarity, right triangle trigonometry, surface area and volume, circles, and transformations. The content is presented with representational and abstract applications of the geometric skills and concepts taught.

Prerequisite: Successful completion of Algebra 1.

GEOMETRY HONORS

(9, 10) 1 CREDIT

Presented with advanced applications of geometric skills and concepts, content includes tools of geometry, deductive and inductive reasoning and rigorous proof, parallel and perpendicular lines, congruent triangles, properties of triangles, quadrilaterals, area, similarity, right triangle trigonometry, surface area and volume, circles, and transformations.

Prerequisite: Successful completion of Algebra 1.

GEOMETRY ACCELERATED HONORS ☉**(9, 10) 1 CREDIT**

Content includes deductive and inductive reasoning and comprehensive proof, perpendicular and parallel lines, congruent triangles, properties of triangles, quadrilaterals, transformations, similarity, right triangles and trigonometry, circles, and surface area and volume. The content is presented with complex applications of geometric skills and concepts.

Prerequisite: Successful completion of Algebra 1.

ALGEBRA 2 CAREER & COLLEGE PREP ☉**(11) 1 CREDIT**

Course content is presented with representational and abstract applications of algebraic skills and concepts: functions, equations, graphs, linear systems, matrices, quadratic equations and functions, polynomials, radical functions, rational exponents, exponential and logarithmic functions, rational functions, sequences and series, probability and statistics.

Prerequisite: Successful completion of or concurrent enrollment in Geometry.

ALGEBRA 2 HONORS ☉**(10) 1 CREDIT**

Content includes equations and inequalities, linear equations and functions, systems of linear equations and inequalities, matrices, quadratic functions, polynomials and polynomial functions, powers, roots and radicals, exponential and logarithmic functions, rational equations and functions, quadratic relations, sequences and series, probability and statistics. The content is presented with advanced applications of algebraic skills and concepts.

Prerequisite: Successful completion of or concurrent enrollment in Geometry.

ALGEBRA 2 ACCELERATED HONORS ☉**(9, 10) 1 CREDIT**

Presented with complex applications of algebraic skills and concepts, content includes equations and inequalities, linear equations and functions, systems of linear equations and inequalities, matrices, quadratic functions, polynomials and polynomial functions, powers, roots and radicals, exponential and logarithmic functions, rational equations and functions, quadratic relations and conic sections,

sequences and series, probability, statistics and trigonometric ratios.

Prerequisite: Successful completion or concurrent enrollment in Geometry Accelerated Honors or Honors.

PRE-CALCULUS CAREER & COLLEGE PREP ☉**(11, 12) 1 CREDIT**

Presented with real-world applications of mathematical skills and concepts, this course will prepare students for the study of calculus. Content includes functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic functions, topics in trigonometry, linear systems and matrices, sequences, series, probability, and analytic geometry in two and three dimensions.

Prerequisite: Successful completion of Algebra 2.

PRE-CALCULUS HONORS ☉**(10, 11) 1 CREDIT**

This course will prepare students for the in-depth study of college-level calculus. Content includes functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic functions, topics in trigonometry, linear systems and matrices, sequences, series, probability, analytic geometry in two and three dimensions. The content is presented with advanced applications of mathematical skills and concepts.

Prerequisite: Successful completion of Algebra 2

PRE-CALCULUS ACCELERATED HONORS ☉**(10, 11) 1 CREDIT**

Presented with complex applications of mathematical skills and concepts, this course will prepare students for rigorous study of college-level calculus. Content includes functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, analytic functions, topics in trigonometry, linear systems and matrices, sequences, series, probability, analytic geometry in two and three dimensions.

Prerequisite: Successful completion of Algebra 2 Honors or Accelerated Honors

CALCULUS HONORS

(11, 12) 1 CREDIT

Blended learning class - 4 days in-class/1 day online learning
As an introduction to college-level calculus, course content includes a review of the prerequisites for calculus, including algebraic, exponential, logarithmic, and trigonometric functions, limits, and continuity, derivatives, applications of derivatives, the definite integral, differential equations and mathematical modeling. This course is not intended to prepare students for the Advanced Placement (AP) examination.

Prerequisite: Successful completion of Pre-calculus

ADVANCED PLACEMENT CALCULUS AB

(11, 12) 1 CREDIT

Designed to prepare students for the AB level of the Advanced Placement examination in Calculus, topics include algebraic, trigonometric, exponential and logarithmic functions, limits, derivatives, continuity, applications of the derivative, anti-derivatives, definite integrals, and applications of integration.

Prerequisite: Successful completion of Pre-calculus

ADVANCED PLACEMENT CALCULUS BC

(11, 12) 1 CREDIT

Blended learning class - 3 days in-class/2 day online learning
Designed to prepare students for the BC level of the Advanced Placement examination in Calculus, topics include functions, limits, derivatives, continuity, polar coordinates, vector functions and derivatives, indeterminate forms, applications of the derivative, anti-derivatives, definite integrals, improper integrals, and applications of integration, sequences, series, convergence, and elementary differential equations.

Prerequisite: Successful completion of Calculus Advanced Placement AB or 93% or higher in Pre-Calculus Accelerated Honors with teacher recommendation.

INTRO TO MATRICES AND LINEAR ALGEBRA

(11,12) 1 credit

Advanced Placement Weighted

This course prepares students for studies in the areas of mathematics, engineering, computer science, physics, and related fields with applied topics that highlight vectors, matrices, determinants, linear transformations, eigenvalues

and eigenvectors.

Prerequisite: successful completion of AP Calculus BC

INTRO TO STATISTICS & FINANCIAL LITERACY CAREER & COLLEGE PREP

(12) 1 CREDIT

As an introduction to mathematical concepts that are typically covered in a first-year liberal arts college-level mathematics course, statistical topics will include the collecting and analyzing of data with an emphasis on spreadsheet manipulation. Additional topics vary and may include a study of number theory, logic, sets and set theory, probability, mathematical modeling and problem solving. Financial Literacy will be an additional focus of the curriculum throughout the year. This course is offered at a pace and level of rigor that varies significantly from Statistics Honors.

Prerequisite: Successful completion of Geometry

STATISTICS HONORS

(10, 11, 12) 1 CREDIT

Blended learning class - 4 days in-class/1 day online learning
Designed to introduce students to the concepts and tools for collecting, analyzing, and drawing conclusions from data, topics include exploring and understanding data, exploring relationships between variables, gathering data, randomness and probability. The concept of sampling and the properties of sampling distributions are studied as a foundation to inferential statistics. This course will not prepare students to take the Advanced Placement Statistics examination.

Prerequisite: Successful completion of Algebra 2

STATISTICS HONORS THROUGH SPORTS ANALYTICS

(10, 11, 12) 1 CREDIT

Blended learning class - 4 days in-class/1 day online learning
This course will cover the same set of topics and standards as Statistics Honors while focusing on the use of data and quantitative methods to measure performance and decision-making processes in the world of sports. Students will collect and analyze data from men's and women's sports and identify relationships between variables and discuss randomness, probability and sampling distributions. This course is designed to include critical thinking, mathematical modeling, statistical & predictive analysis, optimization and simulation. These skills

will be applied to various elements of sports, but are equally useful in many other areas and careers.
Prerequisite: Successful completion of Algebra 2

ADVANCED PLACEMENT STATISTICS

(10, 11, 12) 1 CREDIT

As an introduction to the concepts and tools for collecting, analyzing, and drawing conclusions from data in preparation for the Advanced Placement examination in Statistics, topics include exploring data (observing patterns and departures from patterns), planning a study (deciding what and how to measure), anticipating patterns (producing models using probability theory and simulations), and statistical inference (confirming models).

Prerequisite: Successful completion of Algebra 2

MUSIC

PERFORMANCE ENSEMBLES

CONCERT BAND

(9, 10, 11, 12) .6 CREDIT

Neutrally Weighted

Students who play band instruments have the opportunity to perform many styles of band literature from the classical to contemporary period. The development of musical knowledge, instrument performance skills, and self-discipline - while working together as a unified ensemble - are important factors of Concert Band. Group lessons are scheduled on a rotating schedule during school hours. Various ensembles (e.g. woodwind quintet and brass choir) provide opportunities for the more talented and interested student to explore, discover and perform different styles of music. Home practice is essential.

Prerequisites: Basic command of a band instrument meeting high school curriculum requirements, and recommendation by the middle school band director.

HONORS WIND ENSEMBLE

(9, 10, 11, 12) .6 CREDIT

Select students who play band instruments at a high level are provided the opportunity to perform many styles of advanced band literature from the classical and contemporary periods. Group lessons are scheduled on a rotating schedule during school hours. Various ensembles - e.g. woodwind quintet, and brass choir - provide opportunities for the more talented and interested student to explore,

discover and perform different styles of music. Home practice is essential.

Prerequisites: High command of a band instrument meeting curriculum requirements, balanced instrumentation, and a successful audition by the director.

JAZZ LAB BAND

(9, 10, 11, 12) .4 CREDIT

Neutrally Weighted

This ensemble provides interested and talented jazz instrumentalists an opportunity to perform music in the style of influential jazz pioneers. The focus of this ensemble is to develop beginning jazz musicians into intermediate jazz performers. Music selections such as: Blues, Swing, Latin, Fusion, and Rock may be included in the Jazz Lab Band's repertoire. Beginning study of improvisation is also part of the Jazz Lab Band curriculum. Home practice is essential.

Prerequisites: A basic command of a jazz band instrument meeting curriculum requirements and successful audition by the director and appropriate instrumentation for Jazz Band music (doubling parts if necessary). Student must participate in Concert Band or Honors Wind Ensemble to become a member of Jazz Lab Band (exceptions are: piano, guitar or bass students).

HONORS JAZZ BAND

(9, 10, 11, 12) .4 CREDIT

This ensemble specializes in advanced jazz literature and provides the more talented jazz instrumentalists an opportunity to perform advanced music in the style of influential jazz pioneers. The focus of this ensemble is to develop and refine the skills of advanced jazz performers. Music selections such as: Blues, Swing, Latin, Fusion and Rock may be included in the Jazz Band's repertoire. A high ability level of improvisation should be demonstrated. Home practice is essential.

Prerequisites: High command of a jazz band instrument meeting curriculum requirements and successful audition by the director and appropriate instrumentation for Jazz Ensemble music (one person to a part). Student must participate in Concert Band or Honors Wind Ensemble to become a member of Honors Jazz Band (exceptions are piano, guitar or bass students).

STRING ORCHESTRA

(9, 10, 11, 12) .6 CREDIT

Neutrally Weighted

Open to string students who demonstrate a reasonable proficiency on their instrument,

students enhance their technical and listening skills and learn the importance of teamwork. Small Group Instruction (SGI) is required and scheduled on a rotating basis. Home practice is essential.

Prerequisites: Basic command of a string instrument meeting high school curriculum requirements, and recommendation by the middle school orchestra director.

HONORS CHAMBER ORCHESTRA

(9, 10, 11, 12) .4 CREDIT

This ensemble prepares and performs advanced repertoire with emphasis placed on individual musicianship. Students are presented with the opportunity to study varied genres of musical literature at an accelerated level. Small Group Instruction (SGI) attendance, on a rotating basis during school hours, is expected. Home practice is essential.

Prerequisite: Students must participate in String Orchestra. High command of their respective instrument and high school curriculum are required. Eligibility is determined by audition with the orchestra director.

MIXED CHOIR

(9, 10, 11, 12) .4 CREDIT

Neutrally Weighted

Mixed Choir is a performance ensemble open to ALL students, grades 9-12, regardless of experience. No audition is necessary. In Mixed Choir you will be able to learn about singing in various vocal parts and perform music from different time periods and cultures. Mixed Choir will perform in school concerts throughout the year in addition to classroom based performances.

HONORS CONCERT CHOIR

(9, 10, 11, 12) .6 CREDIT

Concert Choir performs standard choral literature with instructional emphasis placed on the classics. Students are selected by audition in the spring. Participation in the winter and spring concerts is required. Students are encouraged to audition for District Chorus and the Spring Musical. Small Group Instruction (SGI) is scheduled on a rotating basis during the school day. Prerequisites: Freshmen are required to have a recommendation from the Middle School Choral Director. All students must have a successful audition with the High School Choral Director.

HONORS CHAMBER CHOIR

(10, 11, 12) .4 CREDIT

Chamber Choir specializes in the performance of a cappella music, music for small ensembles, advanced choral literature, and music which suggests staging. Besides participating in annual concerts, this choir frequently performs at community events. Students are encouraged to audition for District Chorus and the school Musical. Rehearsals for these activities are scheduled after school. Group lessons are scheduled on a rotating basis during the school day. This group is chosen by audition from advanced singers in Concert Choir. Prerequisites: Students must participate in Concert Choir Honors. Students must have a successful audition with the High School Choral Director.

CHOIR OPTIONS*

(9, 10, 11, 12) VARIABLE CREDIT

Designed for students who want to take a specific choir class for partial credit due to scheduling conflicts. Students must choose the choir in which they wish to enroll and receive the permission of BOTH the choral director and their guidance counselor. This is NOT an independent study arrangement. Credit is determined on the number of days per week the student is enrolled in class. *Since this course is based on availability and room within a student's schedule, this course may be selected only after the school year begins.

CURRICULAR MUSIC CLASSES

MUSICAL KEYBOARD 1

(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE

Neutrally Weighted

This semester course provides beginning instruction on the electronic piano keyboard in a laboratory setting. An independent study approach is used to allow each student to proceed at his/her own pace. Additional practice on keyboard instruments at home or in school is encouraged. This course is a pre-requisite for AP Music Theory, where students have the opportunity to earn college credit.

MUSICAL KEYBOARD 2

(9, 10, 11, 12) .5 CREDIT/SEMESTER COURSE

Neutrally Weighted

This semester course provides instruction to the student who has completed Musical Keyboard I or can demonstrate facility at the piano keyboard. An

independent study approach will be used to allow each student to proceed at his/her own pace. Students will continue work started in Keyboard I.

MUSIC THEORY & COMPOSITION 1

(9, 10, 11, 12) .5 CREDIT

Neutrally Weighted

This is a semester course that will introduce students to the basic foundations learning the basic foundations of music and music composition while developing skills in aurals, sight-singing, and musical dictation. Topics include melody, harmony, keyboarding, and part writing. A music background in vocal or instrumental study is recommended. This course is a pre-requisite for AP Music Theory, where students have the opportunity to earn college credit.

ADVANCED PLACEMENT MUSIC THEORY

(10, 11, 12) 1 CREDIT

AP Music Theory is for vocal or instrumental students who are interested in pursuing a career in music or who wish to demonstrate their advanced knowledge in the field. This course will build upon your knowledge of music, emphasizing the rules of theory and composition, ear training, sight singing, analysis and keyboard skills. Music from a variety of time periods will be studied. The AP Music Theory exam includes multiple choice questions as well as a variety of listening, performing, and analytical exercises. Prerequisites: Successful completion of Musical Keyboard I and Music Theory and Composition I OR music teacher recommendation.

This course will be offered every other year, beginning in Summer 2021

SCORING FOR FILM AND TELEVISION

(11, 12) 1 CREDIT

This dual enrollment summer course serves as an introduction to scoring for film and video. The three tracks of study include training on Logic to score video/film, exploring the basic techniques of film scoring and learning how to listen to music within the context of cinema. Students will listen to music in and out of the context of film to develop a palette that will serve their work in scoring. Students will

also be analyzing film soundtracks that will allow them to understand different techniques and aesthetics in scoring. Students will score several short video clips.

This course will be offered every other year, next term offered is Summer 2022

STUDIO PRODUCTION

(11, 12) 1 CREDIT

This dual enrollment summer class focuses on the production of music in a studio setting. Students learn the basics of recording, editing, mixing, and mastering in a digital audio workstation. Students will be able to record instruments in a studio setting and use appropriate technologies to enhance the final product of their recordings.

SCIENCE

All students must successfully complete a minimum of three science courses beginning with Biology. It is strongly recommended that students then transition to Chemistry followed by Physics.

BIOLOGY 1 CAREER & COLLEGE PREP

(9) 1 CREDIT

Students investigate cell structure, cell processes, genetics, evolution, cell energetics, biochemistry, and ecology. Students will further develop their ability to write, read, and speak in the language of science.

BIOLOGY 1 HONORS

(9) 1 CREDIT

Students investigate the concepts of cell structure, cell processes, genetics, evolution, cell energetics, biochemistry, and ecology. Students will engage in guided inquiry while developing scientific reasoning and analysis skills.

BIOLOGY 1 ACCELERATED HONORS

(9) 1 CREDIT

Students investigate the concepts of cell structure, cell processes, genetics, evolution, cell energetics, biochemistry, ecology, and anatomy and physiology. Students will develop independent research skills while acquiring scientific reasoning and analytical skills.

CHEMISTRY 1 CAREER & COLLEGE PREP 
(10, 11, 12) 1.2 CREDITS
6 PERIODS

Students investigate matter and measurement, atomic theory, nomenclature, mole theory, chemical reactions, stoichiometry, gas laws, thermochemistry, quantum theory, periodicity, chemical bonding, and solutions. A laboratory program is included to reinforce concept development and engage the students with the process of scientific investigations. Students will utilize calculations to study the quantitative aspects of chemistry.

Prerequisites: Successful completion of Biology 1 and Career & College Prep Algebra 1.

CHEMISTRY 1 HONORS 
(10) 1.2 CREDITS
6 PERIODS

Students investigate matter and measurement, atomic theory, nomenclature, mole theory, chemical reactions, stoichiometry, gas laws, thermochemistry, quantum theory, periodicity, chemical bonding, and solutions. A laboratory program is included to reinforce concept development and to engage the students with the process of scientific investigations. This course will require a more rigorous application of calculations that relate to the quantitative aspects of chemistry.

Prerequisites: Successful completion of Biology 1 and Career & College Prep Algebra 1.

CHEMISTRY 1 ACCELERATED HONORS 
(10) 1.2 CREDITS
6 PERIODS

Students apply independent research skills while studying matter, measurement, atomic theory, nomenclature, mole theory, chemical reactions, stoichiometry, gas laws, thermochemistry, quantum theory, periodicity, chemical bonding, solutions, kinetics, equilibrium, and acids and bases. The laboratory program is designed to expand upon concepts and further develop analytical skills while engaging in the process of scientific inquiry. Students will interpret calculations that relate to the quantitative aspects of chemistry.

Prerequisites: Successful completion of Biology 1 and Honors Geometry

ENVIRONMENTAL SCIENCE CAREER & COLLEGE PREP
(10) 1 CREDIT

Intended for students who have successfully

completed Biology I and are ready to explore environmental concerns before pursuing Chemistry I Career & College Prep, this course covers topics such as Earth as a dynamic system, ecosystems, biodiversity, population dynamics, the atmosphere, climate change, renewable and nonrenewable resources, alternative energy, and aquatics using a hands-on approach.

Prerequisite: Successful completion of Biology 1

PHYSICAL SCIENCE CAREER & COLLEGE PREP
(11) 1 CREDIT

Intended for students who have successfully completed Environmental Science and are ready to explore the fundamental concepts of Physics and Chemistry before pursuing Chemistry I Career & College Prep, this course covers topics such as matter and measurement, structure of the atom, compounds, chemical reactions, gas laws, the mole, solutions, motion and force, work and energy, electricity and magnetism, and the universe using a hands-on approach.

Prerequisite: Successful completion of Environmental Science

PHYSICS 1 CAREER & COLLEGE PREP 
(11, 12) 1.2 CREDITS
6 PERIODS

Students explore mechanics, energy, waves, electromagnetism, and modern physics. A laboratory program is included to reinforce concept development and engage the students with the process of scientific investigations. Students will utilize calculations to study the quantitative aspects of physics.

Prerequisites: Successful completion of Chemistry 1 and concurrent enrollment in Career & College Prep Algebra 2 or higher level math course.

PHYSICS 1 HONORS 
(11, 12) 1.2 CREDITS
6 PERIODS

This comprehensive course covers mechanics, energy, waves, electro-magnetism, and modern physics. Students increase their understanding of the physical world through lectures, demonstrations, and laboratory experiments. This course is appropriate for students who are interested in a broader understanding of the sciences and are willing to do extensive mathematical problem solving. Students should anticipate daily homework.

Prerequisites: Successful completion of Chemistry 1

and concurrent enrollment in Career & College Prep Algebra 2 or higher level math course.

ADVANCED PLACEMENT PHYSICS 1 ALGEBRA-BASED ☉

**(11, 12) 1.6 CREDITS
8 PERIODS**

Blended learning class - 2 days double lab periods in-class / 2 days in-class / 1 day 2 periods online learning

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits.

Prerequisite: Successful completion of Chemistry 1 and concurrent enrollment in Honors/Accelerated Honors Pre-Calculus or successful Completion of Chemistry 1 and Pre-Calculus.

EARTH SCIENCE CAREER & COLLEGE PREP

(11,12) .5 CREDIT/SEMESTER COURSE

The intention of this course is to be an elective course taken concurrently or following the traditional biology, chemistry, and physics route. The curriculum is an exploration of the principles and processes that shape the earth. Topics include the structure of the earth, rocks and minerals, weathering and erosion, historical geology, and geomorphology.

Prerequisites: Successful completion of Biology and Chemistry.

EARTH & SPACE SCIENCE HONORS

(11, 12) 1 CREDIT

Honors Earth Science examines the continuum of earth, atmosphere and space science. Topics include the forces and processes shaping the earth, atmospheric circulation and weather and the solar system, as well as objects and processes in deep space. Teaching will focus on the scientific principles underlying observed phenomena. Mathematical modeling and extensive use of technology are integral parts of the course.

Prerequisites: Successful completion of Biology and Chemistry.

SPACE SCIENCE CAREER & COLLEGE PREP

(11, 12) .5 CREDIT/SEMESTER COURSE

The intention of this course is to be an elective

course taken concurrently or following the traditional biology, chemistry, and physics route. The Space Science curriculum encompasses the principles and processes that shape our universe. Topics include weather, climate, the origin and composition of the universe, the solar system, stars, and galaxies.

Prerequisites: Successful completion of Biology and Chemistry.

ADVANCED PLACEMENT BIOLOGY ☉

(11, 12) 1.6 CREDITS

8 PERIODS

Designed to be the equivalent of a two-semester college introductory biology course, the focus of this course is on building an understanding of the major themes in modern biology (evolution, energy transfer in organisms, diversity of life, relationship of structures and function, and systems regulation and control). In order to provide students with a true college-level laboratory program, the class meets 8 times per week. Chemistry knowledge and skills are required. Students are prepared to take the Biology AP examination near the conclusion of the course.

ADVANCED PLACEMENT CHEMISTRY ☉

(11, 12) 1.6 CREDITS

8 PERIODS

This course is designed to satisfy Advanced Placement guidelines and includes all the advanced chemistry topics for the AP examination. The course is for students with a strong commitment to science who are planning to take the Advanced Placement examination in Chemistry. In order to provide students with a true college-level laboratory program, the class meets 8 times per week.

Prerequisites: Successful completion of Biology.

ADVANCED PLACEMENT PHYSICS C: MECHANICS AND ELECTRICITY & MAGNETISM ☉

(12) 1.6 CREDITS

8 PERIODS

This course is designed to prepare students for the Advanced Placement Physics C examination and satisfies the guidelines of the Advanced Placement Program. Approximately one half of the year is devoted to advanced mechanics concepts, and the remainder to an advanced treatment of electricity and magnetism topics. The use of calculus in problem solving and derivations increases as the course progresses. In order to provide students

with a true college-level laboratory program, the class meets 8 times per week.

Prerequisite: Successful completion or concurrent enrollment in Chemistry. Current enrollment in Honors/Accelerated Honors Pre-Calculus or successful completion of Pre-Calculus.

BRANDYWINE FLOWS HONORS

(12) .5 CREDIT/SEMESTER COURSE

The intention of this course is to be an elective course taken concurrently or following the traditional biology, chemistry, and physics route. Brandywine Flows is an environmental education course focused on the Brandywine watershed and its influence on our community. Through field trips, hands-on activities, and research, students use math, social science, science, and language arts to learn how the local community functions based on its water resources. Prerequisite: Successful completion of Chemistry 1.

There are 6 science elective courses that will be offered on a rotating basis. One selection from the areas of biology, chemistry, and physics will be offered each year. For 2021-2022, the courses are Electronics and Acoustics, Aquatic Ecology and Marine Biology, and Organic Chemistry and Forensics. For 2022-2023, the courses offered are Thermodynamics and Optics, Human Anatomy and Infectious Disease, and Consumer and Green Chemistry. These are elective classes for Junior and Senior students.

AQUATIC ECOLOGY AND MARINE BIOLOGY HONORS

(11, 12) 1.2 CREDITS

6 PERIODS

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

This course is an interdisciplinary biological and environmental science course that focuses on freshwater and saltwater ecosystems, their influences on our community, and their connection to understanding global aquatic and marine ecosystems. Through various projects, laboratory activities, field studies, and research, the course will implement a multi-disciplinary approach to learning how communities, both local and global, rely on and impact water resources. This course will provide opportunities to explore current issues and topics in aquatic and marine science.

Prerequisites: Successful completion of Biology and Chemistry.

ELECTRONICS AND ACOUSTICS HONORS

(11, 12) 1.2 CREDITS

6 PERIODS

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

The goal of this course is to explore the physics of electronics and acoustics. During the electronics portion, students will explore the fundamentals of AC and DC circuits, circuit components, and electromagnetism. During the acoustics portion, students will explore the nature of sound waves and vibration, sound propagation, sound transmission and noise reduction, room acoustics, and the acoustics of musical instruments and the human ear. This course will make extensive use of laboratory experiments, hands-on projects, and student-driven research.

Prerequisites: Successful completion of Biology and Chemistry.

ORGANIC CHEMISTRY AND FORENSICS HONORS

(11, 12) 1.2 CREDITS

6 PERIODS

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

Students will explore the principles of structure and reactivity while analyzing the importance of functional groups and the role of stereochemistry in organic compounds. They will apply principles of organic chemistry, such as spectroscopy, to forensic analysis. Crime scene investigation protocols, the proper handling of physical and trace evidence, current laws and courtroom procedures will be examined from the perspective of a forensic scientist. Prerequisites: Successful completion of Biology and Chemistry.

These courses will be offered in the 2022-2023 school year

CONSUMER AND GREEN CHEMISTRY HONORS

(11, 12) 1.2 CREDITS

6 PERIODS

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

Students will explore present and future energy sources, methods for food and drug development, and the ethical issues surrounding the design, use, and disposal of products. With the goal of minimizing hazardous substances, students will use the principles of green chemistry to evaluate the engineering and manufacturing of consumer products.

Prerequisites: Successful completion of Biology and Chemistry.

HUMAN ANATOMY AND INFECTIOUS DISEASE HONORS**(11, 12) 1.2 CREDITS****6 PERIODS**

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

This course focuses on human anatomy and infectious diseases, covering the structural components of body systems, such as the integumentary, skeletal, muscular, nervous, digestive, cardiovascular, respiratory, and immune systems. The course emphasizes the interactions among these systems and how they are impacted by infectious diseases. In addition, the principles of how pathogens, such as bacteria, viruses, and other microbes, cause disease, symptoms, diagnosis, treatment, and prevention. There will be laboratory work including microscopic examination of prepared slides, development of dissection skills, and microbiology culturing and staining techniques.

Prerequisites: Successful completion of Biology and Chemistry.

THERMODYNAMICS AND OPTICS HONORS**(11, 12) 1.2 CREDITS****6 PERIODS**

Blended learning class - 2 days double lab periods in-class/ 1 day in-class / 1 day online learning

The goal of this course is to explore the physics of thermodynamics and optics. During the thermodynamics portion, students will explore the fundamentals of engines, energy transfer, and efficiency. During the optics portion, students will explore the nature of light, wave propagation, light transmission and reflection, mirrors and lenses, and the optics involved in everyday items and the human eye. This course will make extensive use of laboratory experiments, hands-on projects, and student-driven research.

Prerequisites: Successful completion of Biology and Chemistry.

There are 2 Dual Enrollment courses offered on a rotating basis in conjunction with West Chester University. These courses will be taught on site by WCASD teaching staff. For 2021-2022 the course offered will be Advanced Geoscience: Astronomy and Geology. For 2022-2023 the course offered will be Advanced Geoscience: Oceanography and Meteorology. Students successfully completing this full-year college level course will receive six college credits from West Chester University.

ADVANCED GEOSCIENCE: ASTRONOMY AND GEOLOGY**(11, 12) 2 CREDITS****5 PERIODS**

Blended learning class - 2 days double periods in-class/ 1 day online learning

This is a dual enrollment course offered in conjunction with West Chester University. The course will be taught on site by WCASD teaching staff. Students successfully completing this full-year college level course will receive six college credits from West Chester University. During the first semester, the students will examine the formation and composition of the universe. In the second semester, students will study the Earth's history, composition, and processes.

Prerequisites: Successful completion of Biology and Chemistry.

ADVANCED GEOSCIENCE: OCEANOGRAPHY AND METEOROLOGY**(11, 12) 2 CREDITS****5 PERIODS**

Blended learning class - 2 days double periods in-class/ 1 day online learning

This is a dual enrollment course offered in conjunction with West Chester University. The course will be taught on site by WCASD teaching staff. Students successfully completing this full-year college level course will receive six college credits from West Chester University. During the first semester, students will explore the physical and biological processes in the oceans. In the second semester, students will investigate the fundamental processes that determine the weather and climate on Earth.

Prerequisites: Successful completion of Biology and Chemistry.

SOCIAL STUDIES

All students must successfully complete a minimum of four (4) credits of social studies courses in order to graduate.

AFRICAN-ASIAN CULTURES CAREER & COLLEGE PREP/HONORS **(9) 1 CREDIT**

Students trace the development of mankind from

its prehistoric beginnings through the creation of the first civilizations in Egypt and Mesopotamia. Using a variety of resources, the cultures of Asia, Africa and the Middle East are studied through the present.

AFRICAN-ASIAN CULTURES ACCELERATED HONORS

(9) 1 CREDIT

Students trace the development of mankind from its prehistoric beginnings through the creation of the first civilizations in Egypt and Mesopotamia. Using a variety of resources, the cultures of Asia, Africa and the Middle East are studied through the present. Methods, materials and expectations are demanding.

EUROPEAN & LATIN AMERICAN STUDIES

CAREER & COLLEGE PREP/HONORS

(10) 1 CREDIT

Students will explore the people and history of both Europe and Latin America through a thematic study to better understand those modern societies.

ADVANCED PLACEMENT EUROPEAN HISTORY

The course is organized into four historical periods that run from c. 1450 to the present. Students will learn European History through a range of historical thinking skills to investigate the thematic learning objectives. The key concepts, supporting concepts and historical developments that are required knowledge for each period will be presented. Eleventh and twelfth grade students may select this course as an elective. This course may be used to fulfill the tenth grade social studies requirement and is designed to prepare students for the Advanced Placement test.

Prerequisite: Recommendation of their current Social Studies teacher.

UNITED STATES HISTORY - 20TH CENTURY CAREER & COLLEGE PREP/HONORS

(11) 1 CREDIT

Students continue the study of United States History begun in middle school. This course studies the story of America from the beginning of the 20th century to the present. In addition to examining the political history of modern America,

students also consider social, economic and cultural developments.

ADVANCED PLACEMENT UNITED STATES HISTORY

(11) 1 CREDIT

This course is organized into historical periods that run from the precolonial era to the present and the key concepts, supporting concepts, and historical developments that are required knowledge for each period. Students will learn American History through thematic learning objectives and use historical thinking skills to analyze the material. The demands for this course are equivalent to an introductory college level course and will prepare students for the Advanced Placement exam.

Prerequisite: Recommendation of their current Social Studies teacher.

UNITED STATES GOVERNMENT & ECONOMICS CAREER & COLLEGE PREP/HONORS

(12) 1 CREDIT

This course is a study of the American political and economic systems, and the examination of the workings of federal, state, and local governments. The United States Constitution is analyzed in terms of the rights and responsibilities of citizenship. Students also study economic concepts and acquire a basic understanding of the American economy.

ADVANCED PLACEMENT UNITED STATES GOVERNMENT & POLITICS

(12) 1 CREDIT

This is a survey course in American government with emphasis on the structure, operation and politics of the Federal government. The course addresses the constitutional underpinnings of government, political behavior, the branches and functions of the government, and the major areas of national public policy. Those areas include economic and regulatory policy, social welfare policy, civil liberties and civil rights policy, foreign and national security policy, and other areas dictated by current events. The course prepares students to take the Advanced Placement Examination in United States Government and Politics.

Prerequisite: Recommendation of their current Social Studies teacher.

SOCIAL STUDIES ELECTIVES

The following courses may be used for Arts/Humanities or elective credit.

AFRICAN AMERICAN HISTORY - CYBER ONLY ☉

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Virtual course - this course is only offered virtually

This course examines the experiences of African-Americans in the United States and their role in shaping the nation's history from colonial America to the present day. During this course, students examine primary source documents and secondary sources such as maps, video clips, film, paintings, architecture, and music.

AMERICAN MILITARY HISTORY 1 ☉

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

This course explores all military aspects of United States involvement in combat (with an emphasis on the late 18th and 19th centuries), including logistical movement, strategy, military parlance, the study of weaponry and the impact upon society of war.

AMERICAN MILITARY HISTORY 2 ☉

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

With an emphasis on the 20th century, this course covers detailed military aspects of United States involvement in combat including logistical movement, strategy, military parlance, the study of weaponry, and the impact upon society of war.

ADVANCED PLACEMENT ECONOMICS

(11, 12) 1 CREDIT

This full-year, college-level course is an extensive examination of both Microeconomics and Macroeconomics. In Microeconomics, the students will gain a thorough understanding of the principles of economics as they apply to individuals and the firm (producers). Topics include basic economic functions, the nature and function of product and factor (labor, land and capital) markets, as well as market failure and the role of government.

The Macroeconomic portion gives the student an understanding of the principles of economics that apply to economic systems as a whole (aggregate). Topics include economic measurements, price

determination and national income, economic growth, stabilization policies and international trade and finance (open economy).

Students taking this course will have the opportunity to take the Advanced Placement exam in both Microeconomics and Macroeconomics in May.

NOTE: This course is offered to 11th and 12th grade students only.

Prerequisite: Students must have the recommendation from their current Social Studies teacher.

HISPANIC CULTURES - CYBER ONLY ☉

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

This course examines the experiences of Hispanics in the United States and their role in shaping the nation's history from pre-colonial America to the present day. During this course, students will examine primary source documents and secondary sources such as maps, video clips, film, paintings, architecture, and music.

THE HOLOCAUST

.5 CREDIT/SEMESTER COURSE

Neutrally Weighted

Students examine the holocaust in a historical context in order to better recognize what it means to be a responsible citizen in a democracy. The course begins with a study of anti-Semitism and of the Nazis before concluding with a study of the Holocaust. Some background in European history is recommended.

NOTE: Some topics may require a level of student maturity. Ninth grade students should have a strong interest in the subject.

ADVANCED PLACEMENT HUMAN GEOGRAPHY ☉

(9, 10, 11, 12) 1 CREDIT

This is a college level introductory course in Human Geography. Topics will focus on population, demographics, and migration; cultural patterns and process such as religion and cultural identity; the political organization of space, including the challenges to inherited political-territorial arrangements; land use issues, such as urbanization, settlement patterns, and modern agriculture; and industrial and economic development. The overall goal is to demonstrate that geography is important to understanding our world today and to help students develop skills of inquiry within a geographic framework.

PSYCHOLOGY**.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

An introduction to the methods and concepts of contemporary psychology, course topics include learning, personality, social adjustment and abnormality.

NOTE: Some topics may require a level of student maturity. Ninth grade students should have a strong interest in the subject.

ADVANCED PLACEMENT PSYCHOLOGY **(10, 11, 12) 1 CREDIT**

This course introduces the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub fields within psychology. Topics include development, biological basis for behavior, sensation and perception, cognition, states of consciousness, personality, abnormal behavior, therapy, and emotion and motivation. This course is highly interactive and reliant on independent effort, initiative, and critical thinking. Experiments, surveys, opinion papers, simulations, and creative illustrations are examples of techniques used. The demands of this course are equivalent to those of an introductory college course and prepare students for the Advanced Placement examination.

NOTE: Some topics may require a level of student maturity. This course is offered to 10th, 11th, and 12th grade students only.

RACE & ETHNICITY IN AMERICA 1 (10,11,12)**.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

In this course, we will consider how race and ethnicity impact who gets what, when, and how. Race & Ethnicity 1 will begin by surveying the historical issues of racial and ethnic minority politics in the United States up to the Civil War.

RACE & ETHNICITY IN AMERICA 2 (10,11,12)**.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

In Race & Ethnicity 2, students will explore how American politics are strongly influenced by historical issues surrounding race and ethnicity.

SOCIOLOGY**.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

This course provides students with an introduction to the methods and concepts of modern sociology, and an understanding of the society of which he/she is a part. Topics include childhood and adolescence, the adjustment to adulthood, prejudice and discrimination, love and marriage, and the problems of poverty in an affluent society.

NOTE: Some topics may require a level of student maturity. Ninth grade students should have a strong interest in the subject.

STOCKS & INVESTMENT **.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

Blended learning class - 4 days in-class/ 1 day online learning

In this introductory course, students "purchase" stocks and create investment portfolios through individual and team research, and by using simulation activities.

UNDERSTANDING LAW **.5 CREDIT/SEMESTER COURSE**

Neutrally Weighted

This course begins with an overview of constitutional and civil law, and then proceeds to study all aspects of the criminal justice system including arrest, trial and the penal system.

TECHNOLOGY ENGINEERING EDUCATION**ENGINEERING DESIGN & ARCHITECTURE 1** 
HONORS**(9, 10, 11, 12) 1 CREDIT**

The first in a series of action-oriented, student-centered courses that provide an introduction to engineering, architecture, and design. Students will use Autodesk software including Auto CAD, Inventor, and Revit throughout the year creating a wide variety of 2-D, 3-D, isometric and orthographic drawings. Students will also use both traditional tools as well as the 3-D printer and Laser Cutter to design and construct prototypes as well as architectural models. This course is perfect for students with an interest in architecture, design, or engineering.

ENGINEERING DESIGN & ARCHITECTURE 2**HONORS****(10, 11, 12) 1 CREDIT**

Students will continue to expand their learning in engineering design and Architecture. Students will be given advance projects to replicate real world engineering and architecture problems using the Engineering Design process. Students will have expanded use of the 3-D printer and Laser Cutter to aid in the creation of their designs and prototypes. Prerequisite: Successful completion of EDA 1.

ENGINEERING DESIGN & ARCHITECTURE 3**HONORS****(11, 12) 1 CREDIT**

At this level students are expected to build upon their skills in the fields of engineering and architecture disciplines. Students will be given a real world problems by the instructor and the goal is for the student to come up with a solution to the problem.

Prerequisite: Successful completion of EDA 2.

WOODWORKING & MATERIALS 1**(9, 10, 11, 12) 1 CREDIT****NEUTRALLY WEIGHTED**

Students learn how to use hand tools, power tools, and stationary machines to safely construct and finish quality projects made of wood, metal and other materials. Product design, assembly, and finishing are covered at progressive levels of complexity and challenge. Students strive to develop a confident, "I can do" attitude while creating projects, learning safety and having fun.

WOODWORKING & MATERIALS 2**(10, 11, 12) 1 CREDIT****NEUTRALLY WEIGHTED**

Students will continue to learn how to use tools and machines to safely construct and finish quality projects made of wood, metal and other materials. Students will integrate the use of the CNC router and Laser Cutter in producing projects. Students strive to develop a confident, "I can do" attitude while creating projects, learning safety and having fun.

Prerequisite: Successful completion of Woodworking & Materials 1.

WOODWORKING & MATERIALS 3**(11, 12) 1 CREDIT****NEUTRALLY WEIGHTED**

Students will continue to learn how to use tools and machines to safely construct and finish quality projects made of wood, metal and other materials. Students will integrate the use of the CNC router and Laser Cutter in producing projects. Students strive to develop a confident, "I can do" attitude while creating projects, learning safety and having fun.

Prerequisite: Successful completion of Woodworking & Materials 2.

WOODWORKING & MATERIALS 4**(12) 1 CREDIT****NEUTRALLY WEIGHTED**

Students will continue to learn how to use tools and machines to safely construct and finish quality projects made of wood, metal and other materials. Students will integrate the use of the CNC router and Laser Cutter in producing projects. Students strive to develop a confident, "I can do" attitude while creating projects, learning safety and having fun.

Prerequisite: Successful completion of Woodworking & Materials 3.

TECHNOLOGY EDUCATION OPTIONS***(11, 12) VARIABLE CREDIT****Neutrally Weighted**

Students who desire to schedule one of the Technology Education courses described above, but who are unable to accommodate the required class meetings in their schedule, may arrange (with the permission of the Technology Education teacher and their Guidance Counselor) to schedule the course on a partial credit basis. The student must attend regular scheduled meetings of the class in which he/she enrolls; this is not an independent study arrangement. Credit varies depending on the option selected and approved by the Technology Education Department.

*Since this course is based on availability and room within a student's schedule, students may only select this course after the school year begins.

WORLD LANGUAGE

FRENCH 1 (9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students develop the skills of listening, understanding, speaking, reading and writing French at a beginner's level. The course includes vocabulary building, development of basic structural patterns, listening comprehension exercises, instructional games, role-playing and exploration of French culture. Listening and speaking skills are combined with written work for evaluation.

FRENCH 2 (9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students continue their study of listening, understanding, speaking, reading, and writing, and explore certain aspects of French culture. The course includes vocabulary building through dialogues, readings and role-playing, extension of grammatical structures, and cultural materials. Oral skills are emphasized and evaluated.

Prerequisite: Successful completion of French 1.

FRENCH 3 HONORS (9, 10, 11, 12) 1 CREDIT

This is a rigorous and in-depth study of the language designed to prepare students for Advanced Placement studies. Students are challenged by a higher level of expectation for reading, writing, speaking, and listening. Vocabulary is developed in context through reading, writing, speaking, and listening. Grammatical structures are expanded and enhanced through literature. French is used almost exclusively in the classroom.

Prerequisite: A grade of "B" or higher in French 2.

FRENCH 4 HONORS (10, 11, 12) 1 CREDIT

Students continue their study of listening, understanding, speaking, reading and writing, and explore various aspects of French culture. Vocabulary and structure are presented in context and transferred to reading, writing and speaking the language. French is used almost exclusively in class, and students will be evaluated on their use

of oral and written French.

Prerequisite: A grade of "B" or higher in French 3.

FRENCH 5 ACCELERATED HONORS (11, 12) 1 CREDIT

Blended learning class - 4 days in-class/ 1 day online learning

Students refine the skills they have previously mastered in order to develop advanced level competency in listening, speaking, reading and writing. Activities are designed to strengthen cross-cultural awareness and appreciation. Cultural products, structure, vocabulary and application of the language in varied situations form the basic elements of the course. French is used exclusively in class, and students are evaluated on their ability to communicate both orally and in writing.

Prerequisite: A grade of "B" or higher in French 4 Honors and a teacher recommendation.

ADVANCED PLACEMENT FRENCH LANGUAGE (12) 1 CREDIT

Blended learning class - 4 days in-class/1 day online learning

Rigorous and demanding, this thematic course is intended for highly motivated students who wish to develop an advanced level of proficiency in all four language skills: listening, speaking, reading and writing. AP French Language will emphasize the use of language for active communication and help students develop (1) the ability to understand spoken French in various contexts, (2) vocabulary sufficient for reading newspapers, magazine articles, literary texts and other non-technical writings without dependence on a dictionary, and (3) the ability to express themselves with reasonable fluency and accuracy in both written and spoken French. Students should have a basic knowledge of the language and culture of French-speaking people and should have already attained a reasonable proficiency in all four skills. A minimum of thirty to forty minutes of daily homework and preparation plus independent work will be required. The course provides the diligent student the opportunity to prepare for success on the Advanced Placement exam.

Prerequisite: A grade of "B" or higher in French 5 Accelerated Honors and a strong teacher recommendation.

GERMAN 1**(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

Blended learning class - 4 days in-class/ 1 day online learning

Students develop the skills of listening, understanding, speaking, reading and writing German at a beginner's level. The course includes vocabulary building, development of basic structural patterns, listening comprehension exercises, instructional games, role-playing and exploration of German culture. Listening and speaking skills are combined with written work for evaluation.

GERMAN 2**(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

Blended learning class - 4 days in-class/ 1 day online learning

Students continue their study of listening, understanding, speaking, reading, and writing, and explore certain aspects of German culture. The course includes vocabulary building through dialogues, readings and role-playing, extension of grammatical structures, and cultural materials. Oral skills are emphasized and evaluated.

Prerequisite: Successful completion of German 1.

GERMAN 3 HONORS**(10, 11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

A rigorous and in-depth study, this course is designed to prepare students for Advanced Placement studies. Students are challenged by a higher level of expectation for reading, writing, speaking, and listening. Vocabulary is developed in context through reading, writing, speaking, and listening. Grammatical structures are expanded and enhanced through literature. German is used almost exclusively in the classroom.

Prerequisite: A grade of "B" or higher in German 2.

GERMAN 4 HONORS**(11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

Students continue their study of listening, understanding, speaking, reading and writing and explore various aspects of German culture. Vocabulary and structure are presented in context and transferred to reading, writing and speaking the language. German is used almost exclusively in class, and students are evaluated on their use of

oral and written German.

Prerequisite: A grade of "B" or higher in German 3.

ADVANCED PLACEMENT GERMAN LANGUAGE**(12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

Rigorous and demanding, this course is for highly motivated students who wish to develop an advanced level of proficiency in all four language skills: listening, speaking, reading and writing. AP German Language will emphasize the use of language for active communication and help students develop (1) the ability to understand spoken German in various contexts, (2) vocabulary sufficient for reading newspapers, magazines, literary texts and other non-technical writings without dependence on a dictionary, and (3) the ability to express themselves with reasonable fluency and accuracy in both written and spoken German. Students should have a basic knowledge of the language and culture and should have already attained a reasonable proficiency in all four skills. A minimum of thirty to forty minutes of daily homework and preparation plus independent work is required. This course provides the diligent student the opportunity to prepare for success on the AP exam.

Prerequisite: A grade of "B" or higher in German 4 Honors and a strong teacher recommendation.

ITALIAN 1**(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

Blended learning class - 4 days in-class/ 1 day online learning

Students develop the skills of listening, understanding, speaking, reading, and writing Italian at a beginner's level. The course includes vocabulary building through dialogues, development of basic structural patterns, listening comprehension exercises, and role-playing. Oral expression is emphasized.

ITALIAN 2**(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

Blended learning class - 4 days in-class/ 1 day online learning

Students continue their study of listening, understanding, speaking, reading, and writing, and explore certain aspects of Italian culture. The course includes dialogues, readings, review and expansion of basic skills through oral and written

exercises, cultural units, and role-playing. Oral skills are emphasized and evaluated.

Prerequisite: Successful completion of Italian 1.

ITALIAN 3 HONORS **(10, 11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

A rigorous and in-depth study of the language, this course is designed to prepare students for Advanced Placement studies. Students are challenged by a higher level of expectation for reading, writing, speaking, and listening. Vocabulary is developed in context through reading, writing, speaking, and listening. Grammatical structures are expanded and enhanced through literature. Italian is used almost exclusively in the classroom.

Prerequisite: A grade of "B" or higher in Italian 2.

ITALIAN 4 HONORS **(11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

Students continue their study of listening, understanding, speaking, reading and writing, and explore various aspects of Italian culture. Vocabulary and structure are presented in context and transferred to reading, writing and speaking the language. Italian is used almost exclusively in class. Students are evaluated on their use of oral and written Italian.

Prerequisite: A grade of "B" or higher in Italian 3.

ADVANCED PLACEMENT ITALIAN LANGUAGE & CULTURE **(12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

Rigorous and demanding, this course is for highly motivated students who wish to develop an advanced level of proficiency in all four language skills: listening, speaking, reading and writing. AP Italian Language and Culture will emphasize the use of language for active communication and help students develop (1) the ability to understand spoken Italian in various contexts, (2) vocabulary sufficient for reading newspapers, magazines, literary texts and other non-technical writings without dependence on a dictionary, and (3) the ability to express themselves with reasonable fluency and accuracy in both written and spoken Italian. Students should have a basic knowledge of the language and culture of Italian-speaking people

and should have already attained a reasonable proficiency in all four skills. A minimum of thirty to forty minutes of daily homework and preparation plus independent work will be required. This course provides the diligent student the opportunity to prepare for success on the Advanced Placement exam.

Prerequisite: A grade of "B" or higher in Italian 4 Honors and a strong teacher recommendation.

LATIN 1 **(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

In Latin I, students read about a first century A.D. prosperous Roman family and, at the same time, learn basic Latin grammatical forms, syntax, and vocabulary. The course heightens the student's awareness of the effect of Latin on our own English language and civilization.

LATIN 2 **(9, 10, 11, 12) 1 CREDIT**

Neutrally Weighted

In Latin 2, the student continues to read about the adventures of the same Roman family encountered in Latin 1 with an emphasis on advanced Latin grammatical forms, syntax, vocabulary, and English derivatives. The course continues to make connections between the student's own language and Latin. It also acquaints the student with mythology and more aspects of Roman culture.

Prerequisite: Successful completion of Latin 1.

LATIN 3 HONORS **(10, 11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

This course introduces students to authentic Latin literature with an emphasis on poetry. Students develop their translation skills, learn versification, literary and rhetorical devices as well as analyze the texts critically. A review of grammatical concepts and emphasis on vocabulary and culture continue in this course.

Prerequisite: A grade of "B" or higher in Latin 2.

LATIN 4 HONORS **(11, 12) 1 CREDIT**

Blended learning class - 4 days in-class/ 1 day online learning

Students continue their study of listening, understanding, speaking, reading, and writing,

and explore various aspects of Latin culture. Vocabulary and structure are presented in context and transferred to reading through discussions of cultural activities and prose literature. The history of Rome is examined through the writings of Livy, Cicero, Pliny, and Sallust.

Prerequisite: A grade of "B" or higher in Latin 3 Honors.

ADVANCED PLACEMENT LATIN

(12) 1 CREDIT

Blended learning class - 4 days in-class/ 1 day online learning

Advanced Placement Latin is a rigorous and demanding course intended for highly motivated students who wish to develop a level of proficiency in reading, translating, analyzing, and interpreting the authentic Latin text of Virgil's Aeneid and Caesar's Gallic Wars. The course explores the themes, literary techniques, and stylistic analysis of these texts; and studies the social and political context in which these texts were written. In addition to their regular class work, students should expect thirty to forty minutes of independent work each night. The course offers a variety of assessments similar to the format of the AP Latin exam.

Prerequisite: A grade of "B" or higher in Latin 4 Honors and a strong teacher recommendation.

SPANISH 1

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students develop the skills of listening, understanding, speaking, reading and writing Spanish at a beginner's level. The course includes vocabulary building, development of basic structural patterns, listening comprehension exercises, instructional games, role playing and exploration of the culture of the Spanish speaking world. Listening and speaking skills are combined with written work for evaluation.

SPANISH 2

(9, 10, 11, 12) 1 CREDIT

Neutrally Weighted

Students continue their study of listening, understanding, speaking, reading, and writing skills, and explore certain aspects of the culture of the Spanish speaking world. The course consists of dialogues, readings, the expansion of grammatical structures, cultural materials and role playing. The use of Spanish in class is stressed.

Prerequisite: Successful completion of Spanish 1.

SPANISH 3 HONORS

(9, 10, 11, 12) 1 CREDIT

A rigorous and in-depth study, this course is designed to prepare students for Advanced Placement studies. Students are challenged by a higher level of expectation for reading, writing, speaking, and listening. Vocabulary is developed in context through reading, writing, speaking, and listening. Grammatical structures are expanded and enhanced through literature. Spanish is used almost exclusively in the classroom.

Prerequisite: A grade of "B" or higher in Spanish 2.

SPANISH 4 HONORS

(10, 11, 12) 1 CREDIT

A continuation of a rigorous and in-depth study of the Spanish language, this course is intended for serious and highly motivated students who were successful in Spanish 3 Honors and is designed to prepare students for Advanced Placement studies. Students continue to expand and refine their knowledge of vocabulary and grammar in authentic context, as well as thoroughly explore culture and literature. Spanish is used almost exclusively in class, and students are evaluated on their ability to communicate both orally and in writing.

Prerequisite: A grade of "B" or higher in Spanish 3 Honors and teacher recommendation.

SPANISH 5 ACCELERATED HONORS

(11, 12) 1 CREDIT

Blended learning class - 4 days in-class/ 1 day online learning

Students refine the skills which they have previously mastered in order to develop advanced level competency in listening, speaking, reading, and writing. This course is intended for very serious and highly motivated students who were successful in Spanish 4 Honors and is designed as a prerequisite to the Advanced Placement course the following year. Activities are fashioned to strengthen cross-cultural awareness and appreciation. Literature, structure, vocabulary, and application of the language in varied situations are the featured elements of the course. Spanish is used exclusively in class. Students are evaluated on their ability to communicate both orally and in writing.

Prerequisite: A grade of "B" or higher in Spanish 4 Honors and teacher recommendation.

ADVANCED PLACEMENT SPANISH LANGUAGE

(12) 1 CREDIT

Blended learning class - 4 days in-class/ 1 day online learning
Rigorous and demanding, this thematic course is intended for highly motivated students who wish to develop an advanced level of proficiency in all four language skills: listening, speaking, reading and writing. AP Spanish Language will emphasize the use of language for active communication and help students develop (1) the ability to understand spoken Spanish in various contexts, (2) vocabulary sufficient for reading newspapers, magazines, literary texts and other non-technical writings without dependence on a dictionary, and (3) the ability to express themselves with reasonable fluency and accuracy in both written and spoken Spanish. Students should have a basic knowledge of the language and culture of Spanish-speaking people and should have already attained a reasonable proficiency in all four skills. A minimum of thirty to forty minutes of daily homework and preparation plus independent work will be required. The course provides the diligent student the opportunity to prepare for success on the AP exam.

Prerequisite: A grade of "B" or higher in Spanish 5 Accelerated Honors and a strong teacher recommendation.

ADVANCED PLACEMENT CAPSTONE

YEAR 1: AP SEMINAR **(10, 11) 1 CREDIT**

AP Seminar is a year-long course that has students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Students will be assessed on a group presentation, individual paper, and written exam.

YEAR 2: AP RESEARCH **(11, 12) 1 CREDIT**

AP Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a year-long research-based

investigation to address a research question. The course culminates in an academic paper of 4000-5000 words (accompanied by a performance or exhibition of product where applicable) and a presentation with an oral defense.

Students will be assigned a lead advisor for their Research year, but will also have the ability to seek out experts in the specific field of their research to serve on their 3-person advisory panel.

Prerequisite: Successful completion of AP Seminar

WEST CHESTER UNIVERSITY DUAL ENROLLMENT PARTNERSHIP

Fall and Spring semester classes are located at the West Chester University Graduate Center and are scheduled for Mondays, Wednesdays, and Fridays from 1:05 pm -1:55 pm. Students will be scheduled to depart from their high school at the conclusion of 6th period and travel by way of their own transportation to the Graduate Center located off of Greenhill Road. Students successfully completing a semester college level course will receive three college credits from West Chester University and 1 credit from WCASD.

FALL SEMESTER COURSES

ELEMENTARY JAPANESE I (11, 12)

Introduction to elementary Japanese with focuses on hearing, speaking, reading and writing to develop basic competence. Emphasis is on integration of all language skills.

INTRODUCTION TO GEOSPATIAL TECHNOLOGY AND ANALYTICS (11, 12)

This course develops critical thinking skills through the exploration of the fundamental components of data analytics in terms of spatial data and geospatial technologies. This includes the basic concepts and skills related to the 3 core areas of analytics, 1) data, 2) analysis, and 3) visualization. Data structures and skills are examined within the context of Geographic Information Systems (GIS). Spreadsheets, database tools, GIS software, and geospatial technology are used to capture, manage, and store spatial data. Analysis tools, such as spreadsheet functions, scripts, and GIS software are used to investigate data sets related to discipline-specific projects. Geovisualization of results are communicated using map applications, dash boards, and story maps.

**INTRODUCTION TO ANTHROPOLOGY:
CULTURAL (11, 12)**

This introductory course explores the traditional subjects of cultural anthropology and the field's growing concern with topics of everyday interest to mainstream U.S. society. Anthropology, in the broadest sense, is the study of humanity; socio-cultural anthropology in particular examines the distinctive and often intangible mechanisms that make us think and act, organize ourselves, and understand and experience the surrounding world the way we do. This course explores social and cultural diversity through a range of themes: economic and political organization, race and ethnicity, kinship and marriage, gender, religion, language, and globalization.

THE LEGAL ENVIRONMENT OF BUSINESS (11, 12)

This course examines the framework of the American legal system and its impact on the environment in which business operates. Sources of law, including constitutional, statutory, administrative, and common law principles, that define the relationships between government and business; buyers and sellers of goods and services; and employers and employees are discussed. Students enrolled in a full-year business course may participate in DECA.

SPRING SEMESTER COURSES**ELEMENTARY JAPANESE II (11, 12)**

Continuation of basic language skills in speaking, reading and writing of modern Chinese with an emphasis on solid training at the beginning level. The course focuses on providing students with the basic vocabulary needed for daily conversation. Elementary reading and limited writing introduced.

Prerequisite: Successful completion of Elementary Japanese I

INTRODUCTION TO ETHICS (11, 12)

In complex situations, the study of ethics will help individuals anticipate difficult choices, evaluate competing demands, and think through moral questions. Studying ethics develops background content and critical thinking skills to participate in conversations with others about what is best. These discussions and debates are necessary for contributing to something larger than ourselves. This course will provide an introduction to major theories and contemporary work in moral philosophy

and offers tools for ethical decision making in our daily lives with an emphasis on the influence of culture, power, and privilege.

NUTRITION AND CULTURE (11, 12)

Our physical and mental wellbeing are greatly impacted by diet and food choices, which are also directly affected by internal and external cultural influences. Culture-specific foods are associated with family traditions and celebrations (and feelings of comfort and pleasure). This course will examine the relationship between nutrition and multicultural practices, and will discuss the origins of traditional food preparation, contemporary consumption habits, and disease incidence among the majority and minority populations within the United States.

SUMMER SEMESTER COURSES**STUDIO PRODUCTION (11, 12)**

Every other year, beginning in Summer 2020

This dual enrollment summer class focuses on the production of music in a studio setting. Students learn the basics of recording, editing, mixing, and mastering in a digital audio workstation. Students will be able to record instruments in a studio setting and use appropriate technologies to enhance the final product of their recordings.

SCORING FOR FILM AND TELEVISION (11, 12)

Every other year, beginning in Summer 2021

This dual enrollment summer course serves as an introduction to scoring for film and video. The three tracks of study include training on Logic to score video/film, exploring the basic techniques of film scoring and learning how to listen to music within the context of cinema. Students will listen to music in and out of the context of film to develop a palette that will serve their work in scoring. Students will also be analyzing film soundtracks that will allow them to understand different techniques and aesthetics in scoring. Students will score several short video clips.

FULL-SCHOOL YEAR COURSES

These dual enrollment courses will be taught on site by WCASD teaching staff in cooperation with West Chester University. Students successfully completing this full-year college level course will receive six college credits from West Chester University and 2 credits from WCASD.

ADVANCED GEOSCIENCE: ASTRONOMY AND GEOLOGY (11, 12)

Blended learning class - 2 days double periods in-class/ 1 day online learning

During the first semester, the students will examine the formation and composition of the universe. In the second semester, students will study the Earth's history, composition, and processes.

Prerequisite: Successful completion of Biology and Chemistry.

ADVANCED GEOSCIENCE: OCEANOGRAPHY AND METEOROLOGY (11, 12)

Blended learning class - 2 days double periods in-class/ 1 day online learning

During the first semester, students will explore the physical and biological processes in the oceans. In the second semester, students will investigate the fundamental processes that determine the weather and climate on Earth.

Prerequisite: Successful completion of Biology and Chemistry.

WORK STUDY

Students are required to work a minimum of fifteen (15) hours per week for two consecutive semesters for 1.0 credit. Students in Work Study 2 will work twenty (20) hours per week for two consecutive semesters and may earn 2.0 credits. Students are released from school at the end of their last scheduled class, enabling them to work and still have time to complete homework and other school related assignments. Students are required to attend monthly meetings with their Work Study Coordinator and MUST plan their work schedules accordingly.

WORK STUDY THEORY

(11, 12) 1 CREDIT

Neutrally Weighted

A general and specific related course to be taken in conjunction with Work Study I. Topics of discussion include personal and job safety, job applications, letters of application, resume, interview procedures, employer/employee relations, getting along with co-workers, attitude development towards work in general, progress on the job, personal budgeting, consumer responsibilities, bank services, taxpayer responsibilities with a focus on income tax form preparation (Federal and State), social security and

insurance. Emphasis is placed on career exploration and research. Student occupational choices are based on personal abilities, interests, values, personality and overall lifestyle goals.

WORK STUDY 1, 2

(11, 12) 1 CREDIT

Neutrally Weighted

Students enrolled in this course are responsible for finding a job outside of school. They will work in local business establishments under the supervision of community business managers/owners, with the collaborative supervision of their Work Study Coordinator. Work schedules, earnings and hours worked are filed with the Work Study Coordinator on a weekly basis.

Prerequisite: Students enrolled in Work Study I must be concurrently enrolled in Work Study Theory.

CHESTER COUNTY TECHNICAL COLLEGE HIGH SCHOOL - BRANDYWINE CAMPUS

The Chester County Technical College High School Brandywine Campus is a public high school specializing in Career and Technical Education (CTE) and available for students in grades 9 through 12. CTE programs prepare students for success in college, the workplace and life. All CTE programs at the Brandywine Campus are designated as High Priority Occupations (HPO) by the Pennsylvania Department of Labor and Industry and are aligned with the Pennsylvania State Academic Standards and national industry certifications.

CTE programs at the Brandywine Campus lead seamlessly to postsecondary education through the Pennsylvania Department of Education's (PDE) SOAR Programs of Study. The mission of SOAR is to prepare Students (who are) Occupationally and Academically Ready for college and careers in an increasingly diverse, high-performing workforce. Graduates of approved SOAR programs who meet challenging academic and technical criteria qualify for several FREE technical credits at over twenty-five participating colleges across Pennsylvania. These include the Pennsylvania College of Technology, Delaware County Community College, Clarion University, Thaddeus Stevens College of Technology, and Harcum College. For more information about SOAR and the complete list of participating colleges

and postsecondary program, please go to http://www.education.state.pa.us/portal/server.pt/community/programs_of_study/7686/srticulations/679190

- ▶ Traditional high school career and technical programs
- ▶ Traditional college courses
- ▶ Dual-enrollment classes that blend high school and for-credit college courses

Each program is described below. Additional information may be found at <https://www.cciu.org/domain/83>.

EMT - ALLIED HEALTH SCIENCE TECHNOLOGY

This fast-paced program prepares students to gain hands-on experience providing emergency medical care and transportation for critical and emergent patients.

ANIMAL SCIENCE

Animal Science and Technology prepares students to provide for the welfare of animals in the pet companion industry, veterinary science and biomedical fields. Graduates of the program are prepared for post-secondary education and entry-level employment. Upon graduation, interesting and rewarding career paths can be followed which combine a love for animals with an interest in the life sciences. Program concentrations include animal anatomy and physiology, animal cruelty issues, animal hygiene, genetics, husbandry, nutrition, preventative care and medicine, reproduction, and surgical assisting. Due to the emphasis on science and math, students considering this program should possess a strong academic foundation.

AUTOMOTIVE COLLISION TECHNOLOGY

Automotive Collision Technology is for students who have a keen interest in motor vehicles and an eye for color, shape and creativity. Graduates of the program are prepared to pursue professional credentialing, entry-level employment, and post-secondary education. Automotive Collision technology instruction is provided in the following areas: detailing and estimating, glass and hardware repair and replacement, metal finishing and body fillings, non-structural damage repair, outer body panel repair, painting and refinishing, welding and cutting. Program learning activities parallel the industry-recognized I-CAR curriculum.

AUTOMOTIVE SERVICE TECHNOLOGY

The Automotive Service Technology program is certified by the National Automotive Technicians Education Foundation (NATEF) and prepares students for post-secondary education and entry-level employment in the rapidly changing automotive service industry. Students are introduced to the ever-changing advancements that occur in the automotive industry such as hybrid vehicle design and maintenance. Instruction is provided in the following areas: automotive electrical and electronics systems, brake repair and installation, drive train and engine performance, heating and cooling systems, suspension and steering systems. The program also emphasizes customer relations and instructs students in the use of proper etiquette in a service economy.

BAKING & PASTRY ARTS PROGRAM

The baking and pastry program provides students with the opportunity to gain the knowledge and skills needed to become an accomplished pastry artist.

BARBERING

The Barbering program prepares students for the Pennsylvania State Board of Barbering Examination and includes all phases of hair and skin care, including beard and mustache trimming, facials, haircutting, honing and stropping, light therapy, perming, scalp treatments, shampooing, shop management, and tapering. Instruction in basic chemistry, anatomy and physiology, bacteriology, and infection control is also included. Students who have earned sufficient hours will be eligible to take the state licensing examination and obtain entry-level employment in the barbering or related field of employment.

CARPENTRY

The Carpentry program develops students' skills for a career in the residential, commercial and home improvement construction industry. Students enrolled in the program learn safety practices, job estimating, and materials selection practices. They also learn the basics of rough carpentry, including the layout of walls, rafters, stairs and floors. Finish carpentry is also studied, including blueprint reading and drafting, cutting and joining construction materials, door, window and trim installation. Students have the opportunity to learn cabinet and furniture construction, including the use of laminates. A major focus is the construction of the joints required in

fine cabinetry and furniture construction. Students study blueprint reading, construction methods and estimating, materials selection, and the safe use of hand and power tools. Students are responsible for the completion of hands-on carpentry and cabinetmaking projects from start to finish.

COMMERCIAL & GRAPHIC ARTS

Commercial and Graphic Arts involves creating communication materials that promote ideas, products and services. Students enrolled in this program explore the many facets of the commercial and graphic arts industries and build a strong foundation in the design and production of a wide variety of communication materials. Students learn the basics of design, color theory, page layout, lettering and the production skills needed for the printing process. Advanced study focuses on the use of computer graphic design skills and introduces students to software, such as Adobe™ Creative Suite, PhotoShop, InDesign, Illustrator, Flash, Bridge, and Acrobat Pro. The course is based on industry standards that prepare students for admission to post-secondary art schools and entry-level employment in the graphic communications industry. Upon completion of the course, students have a portfolio of their work to present to prospective employers and college admissions officers.

COMMUNITY HEALTH - ALLIED HEALTH

Community Health - Allied Health is a community-based program that allows students to explore health issues through hands-on experiences that have a positive impact in the community.

COMPUTER INFORMATION SYSTEMS-NETWORKING

In the Computer Information Systems program, there is an emphasis on operating systems, applications programming languages, and networking equipment through hands-on training. After successful completion of the course, students are prepared for post-secondary education and entry-level positions in the computer support and operations, networking, and software development fields. There are four primary tracks addressed in the Computer Information Systems program, as follows: Networking Hardware, Networking Software, A+ Training, and Application/Web Development. In addition, all students are exposed to network security concepts. Our Security+ training course teaches the latest testing objectives and is designed to assist users in implementing and maintaining

communication security, cryptography, access control, infrastructure security and authentication.

COSMETOLOGY

The Cosmetology program prepares students for state licensing in the field of cosmetology. Students can qualify to become a licensed cosmetologist or to obtain a specialized license in other areas, such as: nail technician, esthetician or natural hair braider. Program theory and hands-on skill instruction is provided in the following areas: facials, hairstyling, cutting, coloring, permanent waving and relaxing, straightening, infection control, principals and practice, manicures and pedicures, and professional awareness.

CRIMINAL JUSTICE & POLICE SCIENCES

The Criminal Justice and Police Sciences program prepares students for both post-secondary education and entry-level employment in the protective services field. Students in the program are graded based on mastery of traditional classroom theory and performance of hands-on skills, including: performing police and security tactics, investigating crime scenes, and investigation report writing. Students receive instruction in the following areas: basic fire science, crime scene investigation, criminal investigation, criminal law, civil law, and court procedures, electronic security systems, forensic science, investigative photography, police and security tactics, and self defense.

CULINARY ARTS

The Culinary Arts program teaches students the necessary skills to be successful in the creative and rewarding food service industry. Graduates of the program may choose to continue their education with advanced standing in college and other post-secondary programs, or they may seek employment in entry-level culinary positions. The instructional program includes classroom theory and hands-on skill development in the following areas: baking, catering, customer service, food preparation, food service management, short order and high volume cooking. Graduates of the program are recognized as graduates of an American Culinary Federation approved program.

DIGITAL MEDIA & SOUND COMMUNICATION

Digital Media & Sound Communications offers

students interested in content creation, production and multimedia communication the opportunity to develop the skills necessary to pursue careers in this growing field. Students have the opportunity to gain hands-on experience using industry-standard cameras, a recording studio, sound boards, editing software and other technologies that will help them bring their creative visions to life.

EARLY CHILDHOOD CARE & EDUCATION

The Early Childhood Care and Education program aligns its curriculum with the Pennsylvania Department of Education Bureau of Career & Technical Education Child Development Associate (CDA)-Ready curriculum. All components of our Early Childhood Care and Education program prepare students to earn the CDA national certification. To become CDA ready, students complete 120 hours of formal training through multiple modalities, such as: active accredited trainings, project-based learning, research and field observations, and web-based distance education. Students gain experience as they rotate through various in-house preschool programs. Students create portfolios and professional development records that document their training and 480 hours of experience working with children in a preschool environment. Agreements with various colleges can provide students with between six and 15 undergraduate credits in early childhood education after completing the program.

ELECTROMECHANICAL ENGINEERING TECHNOLOGY

who are excited about exploring, creating and designing solutions to everyday problems would be an excellent fit for this program. Students will gain experience and knowledge about electrical systems, mechanical systems and computer systems, which are vital to engineering, manufacturing and automation. This program prepares students to combine engineering principles with hands-on experience to prepare them for both college and related careers.

ELECTRICAL OCCUPATIONS

Students who are passionate about electronics and want their education to include hands-on building, installing and repairing of electrical systems will thrive in this program. Students will be provided with an understanding of safety, the handling of power tools, how to navigate a jobsite and an in-depth

understanding of electricity. This program will allow students to navigate the National Electrical Code (NEC) and be well-positioned to pursue careers in the electrical trades.

ENGINE TECHNOLOGY

The Engine Technology and Recreational Vehicles program prepares students with the skills to troubleshoot and repair residential, commercial, and recreational outdoor power equipment and small engine. The program is aligned with the industry-recognized Equipment Engine Training Council (EETC) certification program, and includes engine repair and rebuilding, performance upgrades and the repair of various systems. The systems covered in the program include fuel, electronic, lubrication, cooling and braking systems. Maintenance procedures are a key component of the program as they relate to welding, fabrication and machining. The use of computer technology in a customer service- and teamwork-based learning environment, is a major focus of the program. Career advancement in this field is largely dependent upon post-secondary education and successful work experience.

HEALTH CAREER PATHWAYS

Students explore the many exciting career pathways available in the health and medical occupations fields. They study vital signs, adult and pediatric patient assessment, ambulatory devices, and direct patient care. Direct clinical observation experience in a health care setting may be arranged to prepare students for a variety of careers in the health care industry. The Health Occupations program combines instruction in anatomy and physiology, growth and development, health careers, medical abbreviations, medical ethics, medical terminology, and nutrition. An emphasis is placed on communication and leadership skills, computer literacy and medical math. Many graduates of this program choose to continue their education to pursue careers in nursing, sports medicine, physical therapy and radiology.

HOSPITAL PATHWAY - ALLIED HEALTH

This hospital-based program is for students interested in providing inpatient and outpatient care to the community. Students will spend time in each clinical rotation with professionals, observing direct patient care and diagnostic testing. Students will learn medical terminology and medical abbreviations; ethical, professional behavior and anatomy and

physiology of the human body. Students may have the opportunity to complete a three-to-six week internship in a particular area of interest at the end of the year.

HVAC/ REFRIGERATION TECHNOLOGY

The HVAC/Refrigeration Technology program provides students with the opportunity to install, maintain, and troubleshoot a wide range of heating, ventilation, air-conditioning, and refrigeration systems. Students in the program develop the skills needed to assemble and install tubing and piping systems, motors, compressors, control devices, valves and thermostats. Blueprints and schematics for related equipment and systems are also studied. In addition, basic electrical and control circuit concepts are taught and applied. Classroom presentations are reinforced by hands-on projects that enhance the learning experience. Graduates of the program may choose to continue their education in a post-secondary technical program, pursue an apprenticeship, or gain entry-level employment in the HVAC/refrigeration field.

MARKETING & FINANCIAL SERVICES

The Marketing and Financial Services program at TCHS Brandywine is designed to train students for careers in sales and customer service in banking, retail and many other fields. Students are also academically prepared to pursue postsecondary degrees in business administration, accounting, marketing, and finance. The student-operated branch of the Franklin Mint Federal Credit Union, located in the high school, affords the Marketing and Finance students the opportunity to develop and apply their skills in a way that cannot be duplicated in the classroom.

TEACHER LEADERSHIP ACADEMY

Students who are interested in becoming a teacher or pursuing a career in education would be a great fit for this program. With Pennsylvania currently projecting a teacher shortage, Teacher Leadership Academy (TLA) offers students real-world experience in Chester County school districts that will help set them apart as they pursue a career in education. This program prepares students to pursue post-secondary opportunities upon successful completion.

VETERINARY SCIENCE

The Veterinary Science program prepares students

for successful employment in the field of veterinary medicine in entry-level positions at private veterinary practices, animal hospitals, biomedical research facilities, pharmaceutical companies, diagnostic laboratories and the military. Students interact with animals in and out of the classroom, job shadow and attend clinics with local veterinarians. The Veterinary Science program is designed to prepare students for post-secondary education with an emphasis on the sciences. Students must possess a strong academic foundation and have at least a 3.0 GPA. Students in this program have the opportunity to pursue college credits while enrolled at TCHS.

OTHER OFFERINGS THROUGH THE CHESTER COUNTY IU

NOTE: Contact the CCIU at www.cciu.org/drivered to enroll in these courses.

DRIVER EDUCATION: ONLINE THEORY

INSTRUCTION NO CREDIT **COST: \$125***

The main goal of this course is for students to acquire driver knowledge, including up-to-date safe driving and defensive driving techniques. Each concept is reinforced with study guides and movies, as well as outside resources. The Online Theory Course consists of 19 chapters and contains a quiz at the end of each chapter. Students must score 80% or higher on each quiz before moving on to the next chapter. In addition, students must score 80% or higher on the final exam in order to receive a certificate of completion. Online Theory takes approximately 30 hours to complete. Students will have one year (12 months) to complete the course.

**BEHIND THE WHEEL INSTRUCTION NO CREDIT
(10, 11, 12) 30 HOURS** **COST: \$464***

Behind-the-Wheel Instruction will consist of six one-hour, on-the-road driving sessions covering a wide variety of road situations, conditions and driving skills. For students who opt to complete instruction during the school day, sessions will be split into eight, 45-minute lessons. Students will learn from one of our highly experienced driving instructors using a well-maintained vehicle from our fleet. All CCIU vehicles have automatic transmissions and dual braking systems.

Prerequisite: Enrollment in/or completion of Theory Instruction and at least sixteen years of age.

**Rates are subject to change without notice.*

QUICK RESOURCE GUIDE TO HIGH SCHOOL COURSES

ART

Advanced Placement Art History ☺
 Comic & Animation 1 ☺
 Comic & Animation 2
 Comic & Animation 3 Honors
 Graphic Design 1 ☺
 Graphic Design 2 ☺
 Graphic Design 3 Honors
 Photography 1 ☺
 Photography 2 ☺
 Photography 3
 Portfolio Development Honors
 Sculpture/3-D Design 1
 Sculpture/3-D Design 2
 Sculpture/3-D Design 3
 Studio Art 1
 Studio Art 2
 Advanced Placement Art and Design
 Advanced Studio Study Honors
 Art Options

BUSINESS/MARKETING/INFORMATION TECHNOLOGY

Accounting 1 Honors
 Accounting 2 Honors
 Business Management Honors
 Entrepreneurship Honors
 International Business ☺
 Internship
 Introduction to Business & Marketing ☺
 Marketing Honors ☺
 Computer Applications for College and the Workplace
 Personal Finance ☺
 Social Media Marketing ☺
 Sports & Entertainment Marketing ☺

CAREER COUNSELING

Future Readiness 1
 Future Readiness 2

COMPUTER SCIENCE

Computer Programming in C Honors ☺
 Computer Programming in C++ Honors ☺

Advanced Placement Computer Science Principles ☺
 Advanced Placement Computer Science 1 ☺
 Computer Science 2 Advanced and Extended Study

ENGLISH

English 9 Career & College Prep/Honors ☺
 English 9 Accelerated Honors ☺
 English 10 Career & College Prep/Honors ☺
 English 10 Accelerated Honors ☺
 English 11 Career & College Prep/Language ☺
 English 11 Literature Career & College Prep/Honors ☺
 Advanced Placement 11: Language & Composition ☺
 English 12 Career & College Prep/Language
 English 12 British Literature Career & College Prep/Honors ☺
 African American Literature ☺
 Conflict Literature
 Contemporary Literature
 Human Endeavors
 Humanities
 Advanced Placement 12: Literature & Composition ☺

ENGLISH ELECTIVES

Film Studies ☺
 Publications
 Public Speaking 1
 Public Speaking 2
 Theatre 1
 Theatre 2
 Creative Workshop 1 ☺
 Creative Workshop 2 ☺

ENGLISH ELECTIVES (READING)

Content Area Literacy

ENGLISH ELECTIVES (VIDEO)

Broadcast Journalism & Social Media
 Production Honors 1
 Video Production 1
 Video Production 2 Honors
 Video Production 3 Honors

Video Options

ELL

ELL 1A
 ELL 1B & 1C
 ELL 2A
 ELL 2B & 2C
 ELL 3A
 ELL 3B & 3C
 ELL 4A
 ELL 4B & 4C

FAMILY & CONSUMER SCIENCES

Advanced Clothing & Apparel Merchandising
 Creative Fashions
 Child Development Preschool Laboratory 1 
 Child Development Preschool Laboratory 2
 Educating the Pre-School Child Honors
 Educational Career Internship Honors
 Introduction to Food Preparation 
 Regional and International Cuisine
 Introduction to Culinary Arts
 Pastry Bakeshop
 Family & Consumer Sciences Options

HEALTH & PHYSICAL EDUCATION

Health Fitness 9 
 Health 10 
 Physical Fitness 10 
 Group Fitness 
 Sport Physical Education A
 Advanced Physical Education 1
 Advanced Physical Education 2

MATHEMATICS

Algebra 1
 Algebra 1A 
 Algebra 1B 
 Algebra 1 Career & College Prep 
 Algebra 1 Honors 
 Geometry Career & College Prep 
 Geometry Honors 
 Geometry Accelerated Honors 
 Algebra 2 Career & College Prep 
 Algebra 2 Honors 
 Algebra 2 Accelerated Honors 
 Pre-Calculus Career & College Prep 

Pre-Calculus Honors 
 Pre-Calculus Accelerated Honors 
 Calculus Honors 
 Advanced Placement Calculus AB 
 Advanced Placement Calculus BC 
 Intro to Matrices and Linear Algebra
 Intro to Statistics & Financial Literacy Career &
 College Prep
 Statistics Honors 
 Statistics Honors through Sports Analytics 
 Advanced Placement Statistics 

MUSIC

Concert Band
 Honors Wind Ensemble
 Jazz Lab Band
 Honors Jazz Band
 String Orchestra
 Honors Chamber Orchestra
 Mixed Choir
 Honors Concert Choir
 Honors Chamber Choir
 Choir Options

CURRICULAR MUSIC CLASSES

Musical Keyboard 1
 Musical Keyboard 2
 Music Theory & Composition 1
 Advanced Placed Music Theory
 Scoring for Film & Television
 Studio Production

SCIENCE

Biology 1 Career & College Prep 
 Biology 1 Honors 
 Biology 1 Accelerated Honors 
 Chemistry 1 Career & College Prep 
 Chemistry 1 Honors 
 Chemistry 1 Accelerated Honors 
 Environmental Science Career & College Prep
 Physical Science Career & College Prep
 Physics 1 Career & College Prep
 Physics 1 Honors
 Advanced Placement Physics 1
 Algebra-Based
 Earth Science Career & College Prep

Earth & Space Science Honors
 Space Science Career & College Prep
 Advanced Placement Biology ☉
 Advanced Placement Chemistry ☉
 Advanced Placement Physics C: Mechanics
 and Electricity & Magnetism ☉
 Brandywine Flow Honors
 Aquatic Ecology and Marine Biology Honors
 Electronics and Acoustics Honors
 Organic Chemistry and Forensics Honors
 Consumer and Green Chemistry Honors
 Human Anatomy and Infectious Disease
 Honors
 Thermodynamics and Optics Honors
 Advanced Geoscience: Astronomy & Geology
 Advanced Geoscience: Oceanography &
 Meteorology

SOCIAL STUDIES

African-Asian Cultures Career & College
 Prep/Honors ☉
 African-Asian Cultures Accelerated Honors ☉
 European & Latin American Studies Career &
 College Prep/Honors ☉
 European & Latin American Studies
 Accelerated Honors
 Advanced Placement European History ☉
 Civilization II The Cold War (Field Studies)
 United States History – 20th Century Career &
 College Prep/Honors ☉
 Advanced Placement United States History ☉
 United States Government & Economics
 Career & College Prep/Honors ☉
 Advanced Placement United States
 Government & Politics ☉

SOCIAL STUDIES ELECTIVES

African American History ☉
 American Military History 1 ☉
 American Military History 2 ☉
 Advanced Placement Economics
 Hispanic Cultures ☉
 The Holocaust
 Advanced Placement Human Geography ☉
 Psychology

Advanced Placement Psychology ☉
 Race & Ethnicity in America 1
 Race & Ethnicity in America 2
 Sociology
 Stocks & Investment ☉
 Understanding Law ☉

TECHNOLOGY ENGINEERING EDUCATION

Engineering Design & Architecture 1 Honors ☉
 Engineering Design & Architecture 2 Honors
 Engineering Design & Architecture 3 Honors
 Woodworking & Materials 1
 Woodworking & Materials 2
 Woodworking & Materials 3
 Woodworking & Materials 4
 Technology Education Options

WORLD LANGUAGE

French 1 ☉
 French 2 ☉
 French 3 Honors ☉
 French 4 Honors ☉
 French 5 Accelerated Honors ☉
 Advanced Placement French Language ☉
 German 1
 German 2
 German 3 Honors
 German 4 Honors
 Advanced Placement German Language
 Italian 1
 Italian 2
 Italian 3 Honors
 Italian 4 Honors
 Advanced Placement Italian Language & Culture
 Latin 1
 Latin 2
 Latin 3 Honors
 Latin 4 Honors
 Advanced Placement Latin
 Spanish 1 ☉
 Spanish 2 ☉
 Spanish 3 Honors ☉
 Spanish 4 Honors ☉
 Spanish 5 Accelerated Honors ☉
 Advanced Placement Spanish Language ☉

SECONDARY ENGLISH COURSE SEQUENCE

6th Grade	ENGLISH GRADE LEVEL	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
7th Grade	ENGLISH GRADE LEVEL	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
8th Grade	ENGLISH GRADE LEVEL	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
9th Grade	ENGLISH CAREER & COLLEGE PREP	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
10th Grade	ENGLISH CAREER & COLLEGE PREP	ENGLISH HONORS	ENGLISH ACCELERATED HONORS	
11th Grade	LANGUAGE CAREER & COLLEGE PREP	LITERATURE CAREER & COLLEGE PREP	ENGLISH HONORS	AP LANGUAGE & COMP.
12th Grade	LANGUAGE CAREER & COLLEGE PREP	LITERATURE CAREER & COLLEGE PREP	ENGLISH HONORS	AP LITERATURE & COMP.

STUDENTS WHO EXCEL AT ONE LEVEL MAY PROGRESS TO A HIGHER LEVEL THE FOLLOWING YEAR.

SECONDARY MATHEMATICS COURSE PROGRESSION

6th Grade	MATH 6 GRADE LEVEL	MATH 6 HONORS	MATH 6 ACCELERATED HONORS	
7th Grade	MATH 7 GRADE LEVEL	MATH 7 HONORS	ALGEBRA 1 (7) ACCELERATED HONORS	
8th Grade	MATH 8 GRADE LEVEL	ALGEBRA 1 (8) HONORS	GEOMETRY 8 ACCELERATED HONORS	
9th Grade	ALGEBRA 1A	ALGEBRA	GEOMETRY	ALGEBRA 2
10th Grade	ALGEBRA 1B	GEOMETRY	ALGEBRA 2	PRE-CALCULUS
11th Grade	GEOMETRY	ALGEBRA 2	PRE-CALCULUS	CALCULUS
12th Grade Electives	ALGEBRA 2 STATISTICS CAREER & COLLEGE PREP	PRE-CALCULUS	CALCULUS	CALCULUS STATISTICS COMPUTER SCIENCE

SECONDARY MATHEMATICS:

Course content and pacing are offered at various levels of ability to meet the needs of students. The goal of each course is to challenge, but not overwhelm, students. Students should consult with their current math teachers to help determine appropriate levels. The most rigorous course level offered is AP/Accelerated Honors followed by Honors. Career & College Prep courses are taught at a college-prep level. Below is a listing of the levels at which each course is offered:

Algebra 1:	Honors, Career & College Prep
Geometry:	Accelerated Honors, Honors, Career & College Prep
Algebra 2:	Accelerated Honors, Honors, Career & College Prep
Pre-Calculus:	Accelerated Honors, Honors, Career & College Prep
Calculus:	AP-BC, AP-AB, Honors
Statistics:	AP, Honors

ALL STUDENTS MUST SUCCESSFULLY COMPLETE THREE MATH COURSES TO GRADUATE.

**THE MISSION OF THE WEST CHESTER AREA SCHOOL DISTRICT IS
“to educate and inspire our students to achieve their personal best.”**



West Chester Area School District
782 Springdale Drive, Exton PA 19341
484-266-1000 ~ www.wcasd.net

*This guide is produced by the
Communications Office of the
West Chester Area School District.*