FLEETWOOD AREA HIGH SCHOOL

PROGRAM OF STUDIES 2026 - 2027

Stephen Herman, Principal
Carol Knasiak, Assistant Principal
Amy Moyer, School Counselor (A – G)
Frederick Engelhardt, School Counselor (H – O)
Alexis Wise, School Counselor (P – Z)

803 North Richmond Street
Fleetwood, Pennsylvania 19522
(610) 944-7656
FAX (610) 944-6952

The Fleetwood Area School District educates, inspires, and empowers each student on their journey to excellence.

TABLE OF CONTENTS

Overview	ii
Course Scheduling	ii
Preparation for Higher Education	ii
School Counseling Services	ii
Berks Career and Technology Center	iii
BCTC Application Process	iii
Internship Program	iii
Graduation Requirements	iv
Promotion Requirements	iv
Credit Recovery	iv
Graduation Information	iv
Independent Study Elective	iv
NCAA Clearinghouse Regulations	iv
Academic Options to Graduate	v
Profile of a Graduate	vi
Early College	vii
Pathways to Graduation	x
Courses by Department	1
Class Rank	3
Dual Enrollment	3
FASD Virtual Academy	3
Career Clusters & Pathways	4

COURSE DESCRIPTIONS

Art	9
Business Education	12
English	16
Communication/Media	20
Family & Consumer Sciences	23
Health/Physical Education	24
Computer Science	27
Mathematics	30
Music	33
Science	36
Social Studies	41
Technology Education	45
World Languages	48

CAREER PATHWAYS

Arts & Communication (*1*)	4
Business, Finance, & Information Technology (*2*)	5
Engineering & Industrial Technology (*3*)	6
Human Services (*4*)	7
Science & Health (*5*)	8

February 2026

Dear Parents/Guardians:

To begin the scheduling process for the 2026-2027 school year, the high school prepares a course selection guide. This guide is updated each year to provide your children with the most up to date opportunities in education. To aid in the selection process, the course Guide has a Career Pathway focus.

We feel that working together as parents, students, educators, and business members, we can continue to maintain the strong community that surrounds us.

The Career Pathways approach to education allows your child to focus in on areas of academics that match up with career interests. As your child considers 'life after high school', whether that includes post-secondary education (college, trade school), entering the work force, or joining the military, the career pathway look to the catalog will guide the process. Our hope is that this will help students understand the true value each course has to offer as it relates to the next stage in life.

We encourage you and your child to take the time to review the options presented in this catalog. Our goal is to provide your child with the highest quality education in an effort to help him/her be as successful as possible at the next stage in life. When students leave our walls, we want every opportunity to remain available, every door to remain open, and every challenge met in hopes to give your child the confidence and drive necessary to persevere through life's trials.

We look forward to helping you and your child through this process.

Respectfully,

Fleetwood Area High School Staff

OVERVIEW

The objective of a "Course Selection Guide" is to make available to the students and their parents information concerning the selection of a program of studies throughout the high school years. Consequently, plans based on students' aptitudes and interests must be made. You should take the time to read this booklet thoroughly. The choices you make will greatly influence your life beyond high school.

The information provided herein is intended solely for students and their parents in order to enable them to assume the major responsibility in this planning. In choosing the courses in a program of study, it is extremely important to give serious thought to the student's aptitude, ability, and interests, past academic record and future educational and career goals. Since people often change careers during their life, it is important to make course selections broad enough to keep open a range of options. Students and parents are urged to seek the advice of teachers and counselors for assistance in determining an objective and realistic appraisal of the students' abilities so that they may realistically reach their potential.

In addition, computer programs are available for use by students and parents. We utilize the Naviance program which we feel greatly enhances the college/career search process.

COURSE SCHEDULING

The master schedule is built so as to minimize the number of conflicts and maximize the number of students who are scheduled for all their course requests. The process begins early in the preceding year with a review of curriculum offerings by faculty and administration. Students must maintain a full schedule with a maximum of 1 study hall. **Course Offerings, Staff Assignments, Class Sizes, and Materials are dependent on student requests, which is why it is crucial that requests are made thoughtfully.**

SCHEDULE CHANGES

Once the courses and other learning opportunities have been selected and approved by the parents, **no changes will be made unless approved by a principal**. Courses are offered based on student requests. This often results in courses not being offered due to another course with greater interest. Course selection changes often result in the denial of opportunities for some students and the over enrollment in other courses. Withdrawals from a course requires a principal's approval. The student must provide proof of extenuating circumstances that they cannot complete the course and parental approval before consideration by a principal. Any course that is dropped after the school year begins will be noted on the report card and becomes a permanent part of the student's transcript until the course is repeated and completed. A mark of WF (withdraw-failing) will be recorded.

PREPARATION FOR HIGHER EDUCATION

If a student is planning on furthering education beyond high school, it is strongly recommended that the student and parents begin as early as possible to research specific entrance requirements as stated in individual college catalogs. This responsibility must be shared jointly by both parents and students. There are many college research materials available in the Counseling Office and the counselor will welcome any questions from parents or students in regard to admission policies and requirements of any particular college.

For some students a specific choice of college will not occur until early in the senior year of high school. If you are one of these students, you should be certain that you are able to meet the admission requirements of many of the institutions of higher learning.

You can do this by:

(1) Selecting a secondary program that will enable you to meet the admission requirements of most colleges and that offers a challenge to you.

(2) Your secondary school record is the most important factor in gaining admission into college. Good grades acquired in elective subjects are of limited value if they do not pertain to the student's goal or are valued by the college as "fill-in" courses. Which courses are taken and how often these courses are taken are of real concern to the colleges.

(3) Since it is a human characteristic for one's interests and goals to change, it is advisable in selecting courses to prepare oneself for many colleges-not just one particular institution of higher learning.

(4) The most important part of the admission process is sending a transcript to the college. Your record is compared with the records of other students from other high schools throughout the United States and some foreign countries. The final decision on admission is based on the type of courses you have taken and your academic achievement in these courses. Other factors considered are participation in extra-curricular activities and teacher recommendation letters.

SCHOOL COUNSELING SERVICES

School Counseling services are available to every student of Fleetwood Area High School. Students who need assistance in educational, vocational and personal problems should make an appointment with the school counselor as soon as they possibly can. This may be done by coming to the School Counseling Office before or after school or during a study period. Parents are encouraged to meet with the school counselor whenever they have questions pertaining to the student's present or future plans.

BERKS CAREER & TECHNOLOGY CENTER

The Berks Career and Technology Center (BCTC) offers over thirty programs in different career areas to students from 16 area school districts. Two campuses serve students in Berks County. The East campus is located in Oley and the West campus is located in Leesport. Students will take required academic courses at their high school while attending the BCTC for their technical program. Programs are designed for three years in length beginning in the 10th grade; however, 11th and 12th grade students may also begin a program. All programs are available to students regardless of district location.

Laboratories equipped with computers, industrial machinery, and other state-of-the-art equipment provide hands-on training for students in addition to the academic component of each course of study. All curriculum is competency based, allowing students to proceed at a rate that is best for them and tailored to meet their own career objectives.
Tuition-free public education is provided to high school students through the tax support of citizens and businesses from each of the sixteen Berks County school districts. Adults are required to pay tuition based on an annually approved tuition rate. Students are required to purchase uniforms, books/workbooks, tools and personal protective equipment. Also, students must pay for certification testing fees.

There are many opportunities available for students enrolled in a BCTC program. All programs prepare students for immediate employment or higher education. Senior students who demonstrate a high level of competency in their program can participate in a supervised work-based learning experience. In addition, articulation agreements with the following post-secondary schools provide advanced credits or advanced placement: Berks Technical Institute, Lehigh Carbon Community College, Lincoln Technical Institute, Northampton Community College, Northwestern College, Ohio Technical Institute, Pennsylvania College of Technology, Pennsylvania School of Art & Design, Reading Area Community College, Schuylkill Institute of Business & Technology, Thaddeus Stevens College of Technology, Thompson Institute, and Universal Technical Institute. Currently, over thirty BCTC programs have articulation agreements to offer students advanced credit at the post-secondary level to pursue a certificate, associate, or baccalaureate degree.

BCTC APPLICATION PROCESS

Students apply for enrollment at BCTC through their school counselor. All student applications are sent to BCTC where candidates from throughout the county are chosen. Each student application is reviewed according to the following criteria:

Student Interest - The thoroughness of the application is viewed as a measure of the interest of the student applicant. Special attention is paid to what research was done to find information about the career area to which a student is applying.

Teacher Evaluation - Students may request evaluations from high school teachers of their choice.

Counselor Recommendation

School Citizenship - Student behavior and attitudes are noted.

Attendance - Students should have strong patterns of school attendance.

Grades - While grades are important, they are not the most critical item.

Aptitude - Does the student possess the potential to be successful in the field?

Health - While not restricting a student's selection, health concerns are a necessary consideration. Conditions such as color blindness, fear of heights, etc. will affect success in certain programs.

www.berkscareer.com

INTERNSHIP PROGRAM

Students in 11th or 12th grade who are in good standing, both academically and behaviorally, may choose to participate in the Student Internship Program. Participation in the program must align with a student's graduation requirements, and the internship must fit accordingly into the student's academic schedule at the high school. Parent consent is also required for participation.

The Student Internship Program at Fleetwood Area High School is an elective course available to juniors and seniors. The purpose of this course is to provide a practical introduction and application of skills to the professional work environment through direct contact with professionals in the community. This program will prepare our students for a career, help them explore their career interests, and develop employability skills through a hands-on experience. The Student Internship Program coincides with the high school's Career Pathways approach to education that allows students to focus on areas of academics that match their career interests.

Internships will be tailored to the student's career interests and/or post-secondary goals. The student can earn the required hours through an adjusted daily academic schedule. An internship site agreement outlines the expectations of all parties: the student, parent, internship coordinator, work site supervisor, and school.

Students choose the length of their internship based on individual goals/time.

- Semester credit – 120 hours
- Year-long credit – 240 hours

In order to meet the necessary hours, it is recommended that students be at their internship approximately seven hours per week.

It is the responsibility of the student to arrange for appropriate transportation to and from the internship site. Transportation will not be provided by the high school.

GRADUATION REQUIREMENTS

Fleetwood Area High School offers a comprehensive scholastic program. Such a program permits the student the opportunity to enter an institution of higher learning, to enter the workforce, military, or to seek immediate employment in a selected occupation after graduation.

In addition to the Keystone Assessments, all students must complete **25 credits** to graduate from Fleetwood Area High School. This is in accordance with the Fleetwood Area School District graduation policy #217.

GRADUATION REQUIREMENTS FOR THE GRADUATING **CLASS of 2025 & BEYOND** INCLUDE MINIMUMS IN THE FOLLOWING AREAS:

- 4 Credits of English
- 3 Credits of Math*
  **All Math Credits MUST be earned while enrolled in grades 9-12*
- 4 Credits of Social Studies
  - 3 (BCTC)
- 3 Credits of Science
- 0.5 Credit of Health
- 1.5 Credits of Physical Education
- 1 Credit of Technology Education/Business Education
- 1 Credit of The Arts
- 1 Credit of Humanities
- 0.5 Credit of Financial Literacy
- 5.5 Credits of Electives

BCTC:
(Adjusted requirements based on program enrollment)

Total Credits: 25

PROMOTION REQUIREMENTS

To be considered a sophomore, a student must have earned 6 credits by the end of his/her freshman year.

To be considered a junior, a student must have accumulated 12 credits by the end of his/her sophomore year.

To be considered a senior, a student must have accumulated a total of 18 credits by the end of his/her junior year.

CREDIT RECOVERY

Courses passed through Credit Recovery are graded as Satisfactory/Unsatisfactory and do not receive a percentage score. These courses do not receive a GPA calculation. Also, they do not replace the original failing grade on the transcript.

GRADUATION INFORMATION

The high school principal will determine a student's eligibility for a diploma from Fleetwood Area High School and certify that the student has met all course and credit requirements. Only students who have met all of the graduation requirements will be eligible to participate in the graduation ceremony. Seniors DO NOT walk in graduation in anticipation of completing classes over the summer or on-line.

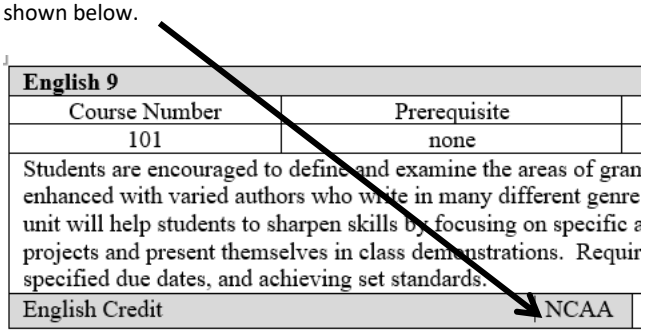
INDEPENDENT STUDY ELECTIVES

The Independent Study Program is designed for students who have demonstrated a high degree of motivation and have the ability to work independently. To enroll in an independent study program, a student must be in 11th or 12th grade, have the approval of the teacher, the school counselor, and the High School Principal. Applications are available from the school counselors. Teachers are required to develop a full and complete description of each independent study program.

NCAA CLEARINGHOUSE

A student is required to meet specific academic core requirements to participate in college athletics. **If you are hoping to be a part of a college sports program**, please discuss this with your school counselor to ensure appropriate academic course selections in all four grades. SAT and ACT requirements will vary according to your GPA. Details are available from your school counselor.

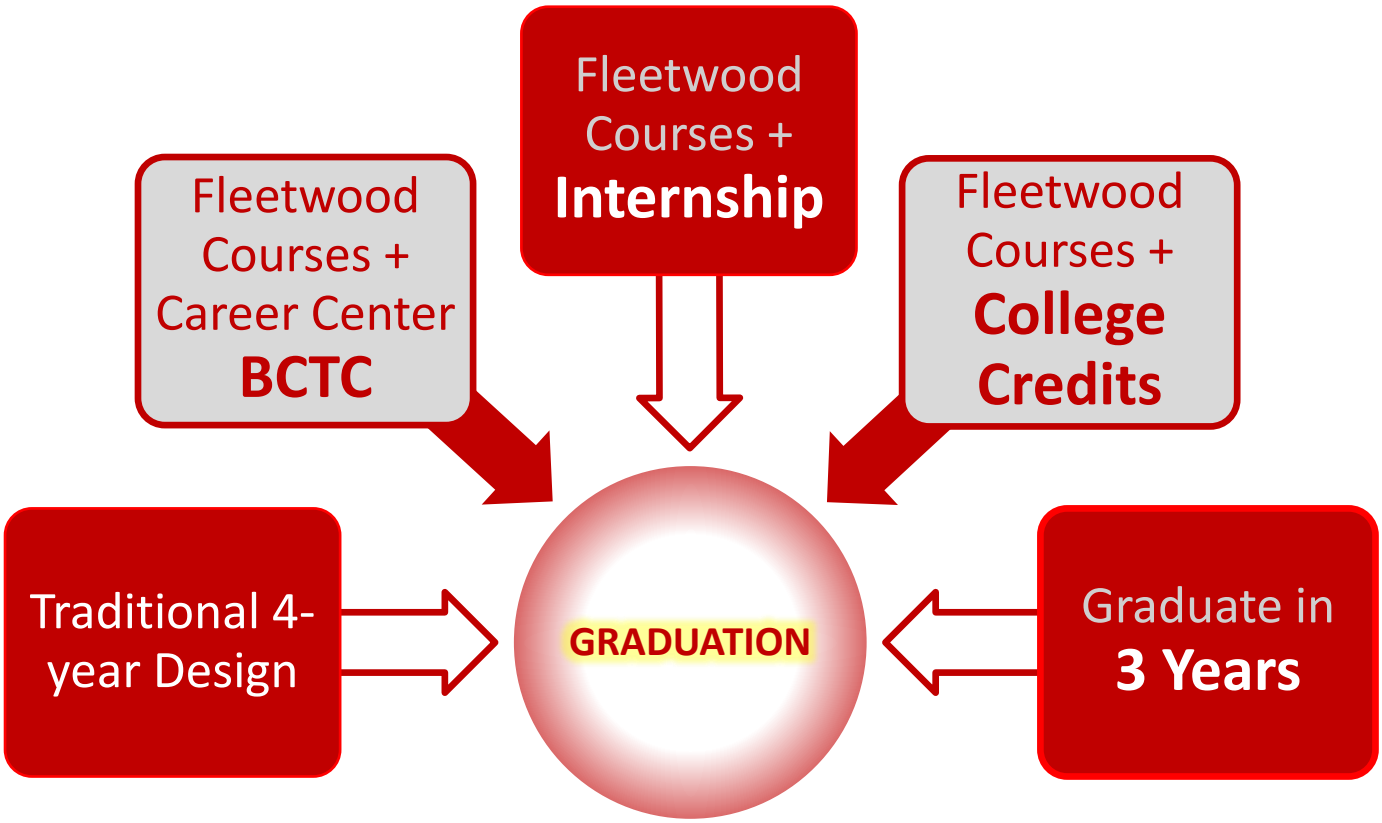
Approved NCAA Eligibility Courses are identified with the Eligibility Center (NCAA). This icon can be found near the 'credit type' of the associated course as shown below.



English 9	
Course Number	Prerequisite
101	none
Students are encouraged to define and examine the areas of gran enhanced with varied authors who write in many different genre unit will help students to sharpen skills by focusing on specific a projects and present themselves in class demonstrations. Requir specified due dates, and achieving set standards.	
English Credit	NCAA

BCTC Courses may not be NCAA approved

ACADEMIC OPTIONS ON YOUR WAY TO GRADUATION



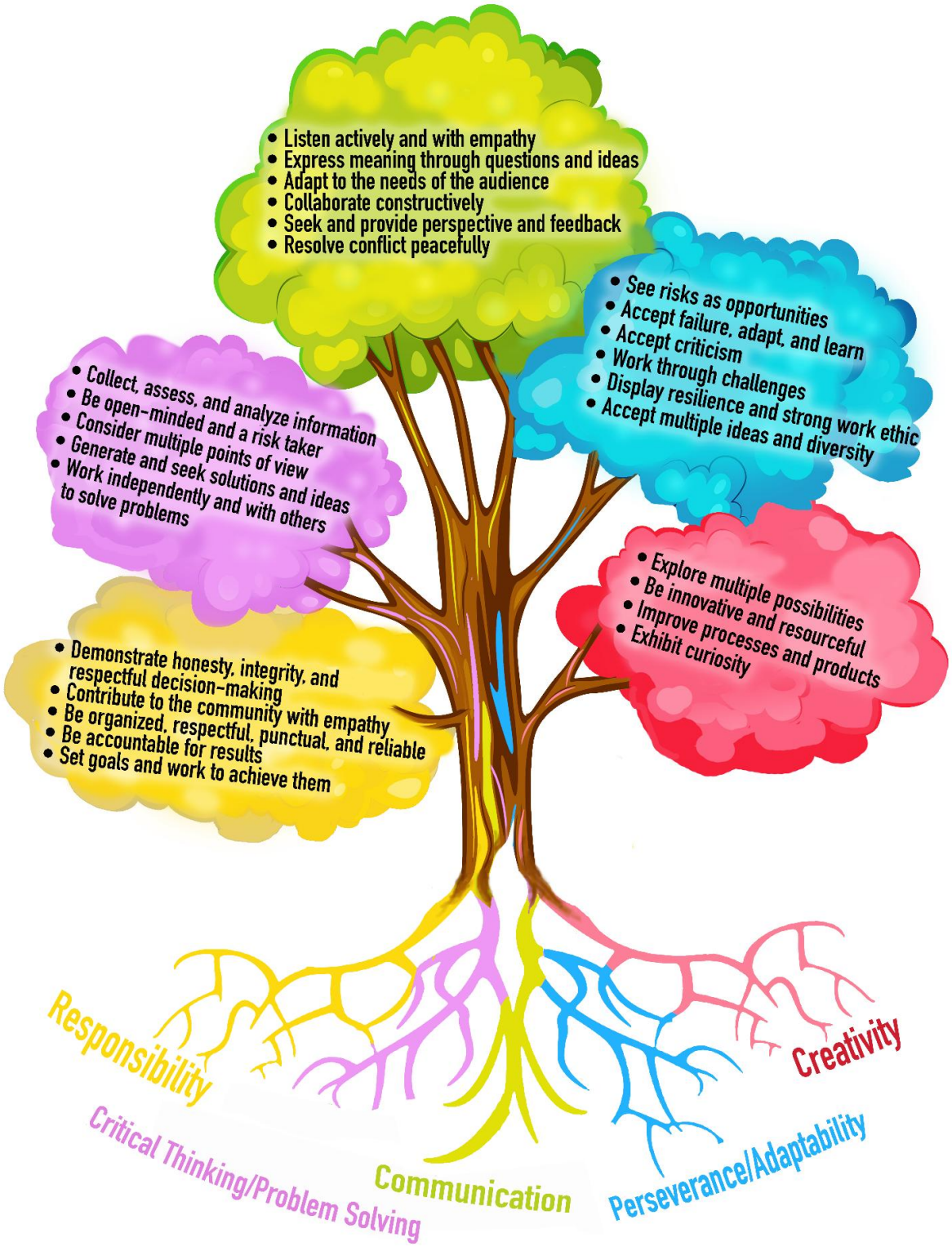
YOU CAN FIND INFORMATION ON THE ABOVE ITEMS ON THE PAGES PRECEDING THIS GRAPHIC.

- Graduation Requirements
- BCTC Information
- Internship Program
- Dual Enrollment

For more information on these options, including dual enrollment, please seek out your school counselor.

Profile of a Graduate

Fleetwood Area School District



FRESHMAN GUIDANCE

A FRESHMAN SCHEDULE MUST INCLUDE 7 CREDITS

REQUIRED COURSE/DEPARTMENT	CREDIT VALUE	ELECTIVE CONSIDERATIONS
English 9 Mathematics Course Earth & Space Science American History I Physical Education Health *Some courses may have Honors options available	1.0 1.0 1.0 1.0 0.5 0.5	Students must also acquire the following credit types prior to graduation: • Humanities (1 Credit) • The Arts (1 Credit) • Technology/Business (1 Credit) • Electives (5.5 Credits)

CORE AREA COURSES: Your 8th Grade Teacher will make recommendations for high school core classes based upon data gained during your time spent at the middle school. If you have questions about the recommendation or would like to choose a different [level] course than the recommended option, please reach out to your teacher or school counselor.

WORLD LANGUAGES: Students considering education beyond high school, or those who may work in a field that requires public-facing communication, should consider taking at least two years of a World Language.

ELECTIVES and ALTERNATES: Whenever possible, the pursuit of electives is encouraged (especially when considering a career or field of interest). During this consideration, please identify alternate elective choices in the event that your first choices are not available. Carefully read through the entire program of studies to find courses that may interest you.

CAREER & TECHNOLOGY CENTER (BCTC): CTC programs are typically made available beginning at the start of Sophomore Year (this means an interested student would apply midway through his/her Freshman Year). The career center provides students with practical training in a variety of careers that allow students to move into the workforce or continue their education at the college level upon graduation. Interested students should consult their high school counselor.

4-YEAR PLAN: Consider writing out all the courses you think you might take over the next four years. By putting together a four-year plan, it becomes more likely that you will be able to take all of the courses you would like.

SOPHOMORE GUIDANCE

A SOPHOMORE SCHEDULE MUST INCLUDE 7 CREDITS

REQUIRED COURSE/DEPARTMENT	CREDIT VALUE	ELECTIVE CONSIDERATIONS
English 10 Mathematics Course Biology World History Physical Education *Some courses may have Honors options available	1.0 1.0 1.0 1.0 0.5	Students must also acquire the following credit types prior to graduation: • Humanities (1 Credit) • The Arts (1 Credit) • Technology/Business (1 Credit) • Electives (5.5 Credits)

CORE AREA COURSES: Your 9th Grade Teacher will make recommendations for core classes based upon data gained during your time spent at your current classes. If you have questions about the recommendation or would like to choose a different [level] course than the recommended option, please reach out to your teacher or school counselor.

WORLD LANGUAGES: Students considering education beyond high school, or those who may work in a field that requires public-facing communication, should consider taking at least two years of a World Language.

ELECTIVES and ALTERNATES: Whenever possible, the pursuit of electives is encouraged (especially when considering a career or field of interest). During this consideration, please identify alternate elective choices in the event that your first choices are not available. Carefully read through the entire program of studies to find courses that may interest you.

CAREER & TECHNOLOGY CENTER (BCTC): BCTC accepts applications on a rolling basis. To be accepted to BCTC for the following year of high school, you should speak with your school counselor as early as possible regarding the application process. The career center provides students with practical training in a variety of careers that allows students to move into the workforce or continue their education at the college level upon graduation. Interested students should consult their high school counselor.

4-YEAR PLAN: Consider reviewing or updating your 4-year plan. By putting together a four-year plan, it becomes more likely that you will be able to take all of the courses you would like.

JUNIOR GUIDANCE

A JUNIOR SCHEDULE MUST INCLUDE 6 CREDITS

REQUIRED COURSE/DEPARTMENT	CREDIT VALUE	ELECTIVE CONSIDERATIONS
English Course Mathematics Course Physical Science Course American History II Physical Education Financial Literacy *Some courses may have Honors options available	1.0 1.0 1.0 1.0 0.5 0.5	Students must also acquire the following credit types prior to graduation: • Humanities (1 Credit) • The Arts (1 Credit) • Technology/Business (1 Credit) • Electives (5.5 Credits)

CORE AREA COURSES: Your 10th Grade Teacher will make recommendations for core classes based upon data gained during your time spent at your current classes. If you have questions about the recommendation or would like to choose a different [level] course than the recommended option, please reach out to your teacher or school counselor.

WORLD LANGUAGES: Students considering education beyond high school, or those who may work in a field that requires public-facing communication, should consider taking at least two years of a World Language.

ELECTIVES and ALTERNATES: Whenever possible, the pursuit of electives is encouraged (especially when considering a career or field of interest). During this consideration, please identify alternate elective choices in the event that your first choices are not available. Carefully read through the entire program of studies to find courses that may interest you.

CAREER & TECHNOLOGY CENTER (BCTC): BCTC accepts applications on a rolling basis. To be accepted to BCTC for the following year of high school, you should speak with your school counselor as early as possible regarding the application process. The career center provides students with practical training in a variety of careers that allows students to move into the workforce or continue their education at the college level upon graduation. Interested students should consult their high school counselor.

INTERNSHIPS: Before you dive into a career decision, consider dipping your feet into an internship. This is a great way to gain experience and a better understanding of the career you are considering before you spend money in college and invest in additional training after school. Internships are offered to Juniors and Seniors in good academic standing. Students do receive High School Credit for completed internships. Interested students should consult their high school counselor and the Internship Coordinator.

4-YEAR PLAN: Consider reviewing or updating your 4-year plan.

SENIOR GUIDANCE

A SENIOR SCHEDULE MUST INCLUDE 6 CREDITS

REQUIRED COURSE/DEPARTMENT	CREDIT VALUE	ELECTIVE CONSIDERATIONS
English Course Government Economics *Some courses may have Honors options available	1.0 0.5 0.5	Students must also acquire the following credit types prior to graduation: • Humanities (1 Credit) • The Arts (1 Credit) • Technology/Business (1 Credit) • Electives (5.5 Credits)
CORE AREA COURSES: Your 11th Grade Teacher will make recommendations for core classes based upon data gained during your time spent at your current classes. If you have questions about the recommendation or would like to choose a different [level] course than the recommended option, please reach out to your teacher or school counselor.		
WORLD LANGUAGES: Students considering education beyond high school, or those who may work in a field that requires public-facing communication, should consider taking at least two years of a World Language.		
ELECTIVES and ALTERNATES: Whenever possible, the pursuit of electives is encouraged (especially when considering a career or field of interest). During this consideration, please identify alternate elective choices in the event that your first choices are not available. Carefully read through the entire program of studies to find courses that may interest you.		
CAREER & TECHNOLOGY CENTER (BCTC): Interested students should consult their high school counselor.		
INTERNSHIPS: Before you dive into a career decision, consider dipping your feet into an internship. This is a great way to gain experience and a better understanding of the career you are considering before you spend money in college and invest in additional training after school. Internships are offered to Juniors and Seniors in good academic standing. Students do receive High School Credit for completed internships. Interested students should consult their high school counselor and the Internship Coordinator.		
4-YEAR PLAN: Consider reviewing or updating your 4-year plan.		

EARLY COLLEGE ACADEMY FOR EDUCATION



Program Overview

- Dual enrollment program for high school students interested in education careers
- Partnership between local school districts and Kutztown University
- Available to seniors (juniors also welcome)
- Earn up to 12 college credits before high school graduation

Eligibility and Requirements

- 2.5 GPA or higher
- Recommendation from high school

Schedule

- Monday, Wednesday, Friday mornings (8–10 am) on KU campus
- Two courses per semester (Fall and Spring)
- Internship at a local school in your district on Tuesdays and Thursdays

Cost and Transportation

- Reduced tuition, most fees waived
- Some districts may cover costs or provide transportation
- Check with your school district for details

Key Benefits

1. Accelerated access to education careers
2. Significantly reduced college costs
3. Eased transition to college life
4. Cohort design creates a supportive community
5. Experienced faculty supporting first-year students

Transferability

- Credits fulfill general education requirements at KU
- Likely transferable to other institutions (check with specific colleges)

FOR MORE INFORMATION: www.kutztown.edu/admissions/apply/first-year-students/early-college-academy.html

KUTZTOWN UNIVERSITY

DREAM OF BECOMING A TEACHER?

KUTZTOWN UNIVERSITY

EARLY COLLEGE ACADEMY FOR EDUCATION

The Senior Year experience you don't want to miss!

How it works

High school students who have a general interest in working with children and education studies, can **attend classes on KU's campus** where they take **two courses in the fall** semester and **two in the spring.** The courses count toward majors in education.

Classes are scheduled for half a day, two or three days a week, and by the end of the academic year, **12 credits could be earned** that is equivalent to **one semester of college.**

SCHEDULE FALL (morning):

	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8	Arrive at KU	Arrive at school	Arrive at KU	Arrive at school	Arrive at KU
8-8:50	Course 1	Internship at a school	Course 1	Internship at a school	Course 1
9-9:50	Course 2		Course 2		Course 2
10-10:30	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.

SCHEDULE SPRING (morning):

	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8	Arrive at KU	Arrive at school	Arrive at KU	Arrive at school	Arrive at KU
8-8:50	Course 1	Internship at a school	Course 1	Internship at a school	Course 1
9-9:50	Course 2		Course 2		Course 2
10-10:30	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.

Benefits of the program

As a part of this program, you will...

Complete 12-credits, a semester's worth of courses, before high school graduation.

Experience college life by spending time on KU's campus.

Receive **reduced tuition rate** and waiver of most fees as part of the agreement with the partnering school districts.

Gain access to Rohrbach Library, the Planetarium, and STEAMWORKS (KU's maker-space).

Become familiar with college courses under the guidance of **expert faculty.**

Increase your confidence in completing college coursework and enrolling in college.

Step into college by **special stacked sections** of courses that align with high school schedules.

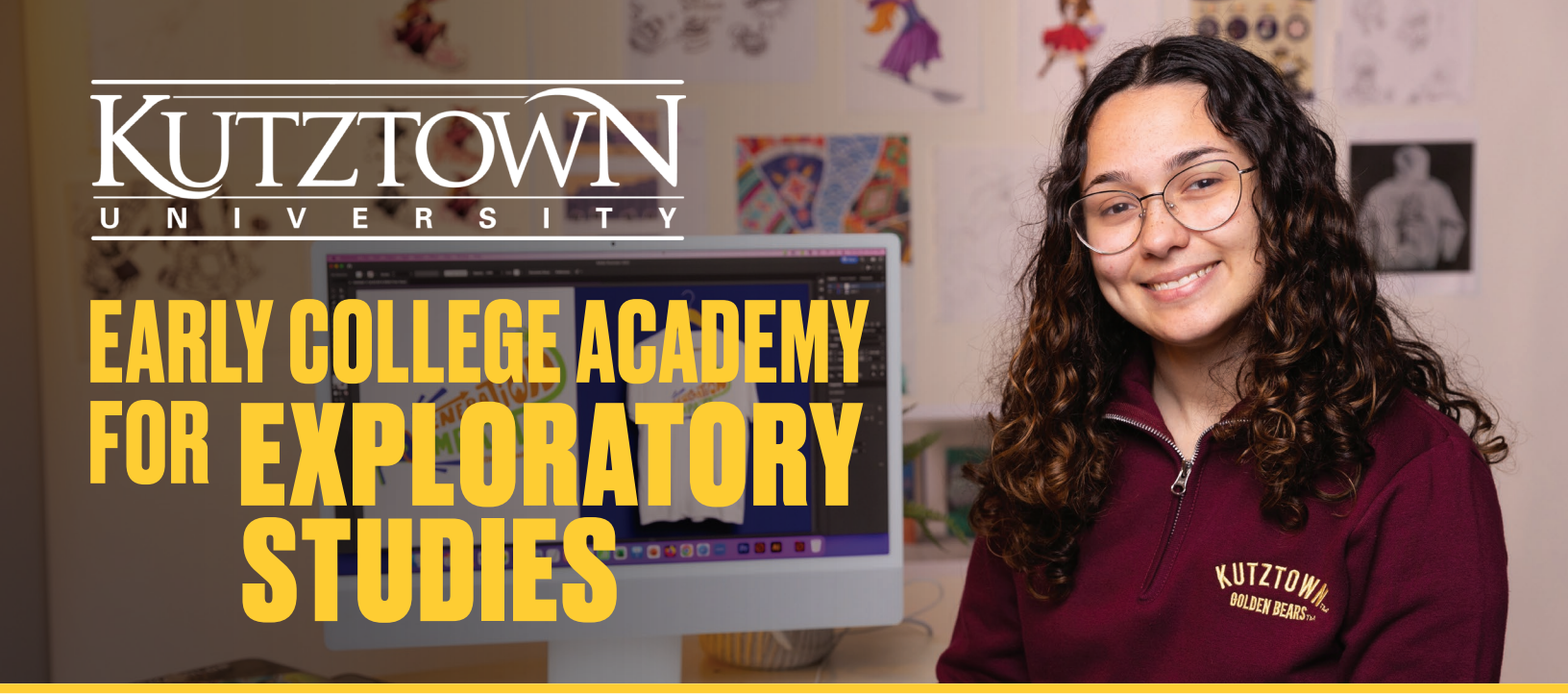
Meet other high school students from across Southeastern PA.

Have **support from KU** in admission, enrollment and registration.

*Requirements must be completed before admission to the program.



INFO: Office of Clinical Education and Partnerships
E: clinicaleducation@kutztown.edu, Ph: 610-683-4256, www.kutztown.edu/EarlyCollegeAcademy



The Senior Year experience you don't want to miss!

How it works

High school students who are thinking about pursuing college can **attend classes on KU's campus** where they take **two courses in the fall** semester and **two in the spring.** These courses count toward the general education curriculum at KU and may be transferrable to other colleges and universities.

Classes are scheduled for half a day, two or three days a week, and by the end of the academic year, **12 credits could be earned** that is equivalent to **one semester of college.**

SCHEDULE FALL (morning):

	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8	Arrive at KU	Arrive at school	Arrive at KU	Arrive at school	Arrive at KU
8-8:50	Course 1	Internship at a school	Course 1	Internship at a school	Course 1
9-9:50	Course 2		Course 2		Course 2
10-10:30	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.

SCHEDULE SPRING (morning):

	Monday	Tuesday	Wednesday	Thursday	Friday
7:30-8	Arrive at KU	Arrive at school	Arrive at KU	Arrive at school	Arrive at KU
8-8:50	Course 1	Internship at a school	Course 1	Internship at a school	Course 1
9-9:50	Course 2		Course 2		Course 2
10-10:30	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.	Drive to H.S.

Benefits of the program

As a part of this program, you will...

Complete 12-credits, a semester's worth of courses, before high school graduation.

Experience college life by spending time on KU's campus.

Receive **reduced tuition rate** and waiver of most fees as part of the agreement with the partnering school districts.

Gain access to Rohrbach Library, the Planetarium, and STEAMWORKS (KU's maker-space).

Become familiar with college courses under the guidance of **expert faculty.**

Increase your confidence in completing college course-work and enrolling in college.

Step into college by **special stacked sections** of courses that align with high school schedules.

Meet other high school students from across Southeastern PA.

Have **support from KU** in admission, enrollment and registration.

*Requirements must be completed before admission to the program.

INFO: Office of Clinical Education and Partnerships
E: clinicaleducation@kutztown.edu, Ph: 610-683-4256, www.kutztown.edu/EarlyCollegeAcademy

pennsylvania
DEPARTMENT OF EDUCATION

Pennsylvania Pathways to Graduation

Keystone Profciency Pathway
Numeric or Non-Numeric Scores

- **Algebra I** — Proficient or Advanced
- **Biology** — Proficient or Advanced
- **Literature** — Proficient or Advanced

Keystone Composite Pathway
Numeric Scores Only

- At least 1 Keystone Exam scaled score is **1500 or Greater**
- No Keystone Exam score is **Below Basic**
- The Keystone Exam 3-score composite is **4452 or Greater**
  The Keystone Exam 2-score composite is **2939 or Greater**
  (where eligible under §121.1)

CTE Concentrator

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

CTE Concentrator

1 Artifact from pathway criteria

Alternative Assessment

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

Alternative Assessment

1 Artifact from pathway criteria

Evidence-Based Pathways

Meet locally established, grade-based requirements for Keystone content in which the student is less than Proficient

Evidence-Based

3 Artifacts from pathway criteria

Pathway Criteria

See next page for detailed information regarding options to obtain specific pathway criteria as they relate to CTE Concentrator, Alternative Assessment, and Evidence-Based Pathways.

Students with Disabilities

A student with a disability who is unable to satisfy pathway requirements but who satisfactorily completes a special education program is granted a diploma under Title 22 §4.24.

NOTE: Although this infographic displays a sequential progression, students may fulfill criteria under the CTE Concentrator, Alternative Assessment, or Evidence-Based Pathways prior to demonstrating proficiency in Keystone academic content through Keystone Exam scores or locally established grade-based requirements.

pennsylvania
DEPARTMENT OF EDUCATION

Pathway Criteria

CTE Concentrator

1 Artifact

- Industry-based competency certification
- Likelihood of industry-based competency assessment success
- Readiness for continued engagement in CTE Concentrator program of study

Alternative Assessment

1 Artifact

- Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)
- Attainment of Gold Level or better on ACT WorkKeys
- Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient
- Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient
- Successful completion of concurrent enrollment course(s) related to each Keystone content area in which less than ~~Proficient~~
- Successful completion of a ~~pre-apprenticeship program~~
- Acceptance into accredited, non-profit Institution of Higher Education (IHE) 4yr program for college-level coursework

Evidence-Based

3 Artifacts
consistent w/student goals

ONE or more from Section One
No more than TWO from Section Two

Section 1

- Attainment of 630 or better on any SAT Subject Test
- Attainment of Silver Level or better on ACT WorkKeys
- Attainment of 3 or better on any AP Exam
- Attainment of 3 or better on any IB Exam
- Successful completion of any concurrent enrollment or postsecondary course
- Industry-recognized credentialization
- Acceptance into accredited, non-profit Institution of Higher Education (IHE) for college-level coursework in an other-than-4yr program

Section 2

- Attainment of Proficient or Advanced on any Keystone Exam
- Successful completion of a service-learning project
- Letter guaranteeing full-time employment or military enlistment Completion of an internship, externship, or cooperative education program
- Compliance with NCAA Division II academic requirements

COURSE OFFERING BY DEPARTMENT

ART DEPARTMENT		pg 9
853	Intro to High School Art	9
877	Art & Design	9
850	Art Portfolio Preparation	9
851	Advanced Art Portfolio Preparation	9
867	Ceramics	9
855	Intro. to Painting	10
8551	Advanced Painting Studio	10
857	Drawing	10
8571	Advanced Drawing Studio	10
862	Fantasy in Art	10
856	Sculpture	10
854	Craft Design	11
858	Communication Design	11
1612	Theatrical Performance	11
1611	Theatrical Production	11

BUSINESS DEPARTMENT		pg 12
616	Accounting I	12
617	Accounting II	12
610	Business Essentials	12
652	Entrepreneurship & Business Innovation	12
611	Global Hospitality & Tourism	12
615	Principles of Marketing	13
6151	Digital Marketing	13
624	Social Media Marketing	13
621	Sports & Entertainment Marketing	13
642	Digital Media	13
612	Law in Action: Personal & Business Foundations	14
670	Microsoft Academy	14
6701-6	Retail Management & E-Commerce courses	14
599	Financial Literacy	15

ENGLISH DEPARTMENT		pg 16
101	English 9	16
100	Accelerated English 9	16
111	English 10	16
110	Accelerated English 10	16
121	American Literature	17
120	Accelerated American Literature	17
131	British Literature	17
1301	Accelerated British Literature	17
130	AP English 12: Literature & Composition	17
1351	AP English 12: Language & Composition	18
140	Creative Writing	18
1401	Advanced Fiction Writing	18
155	Gods, Goddesses & Superheroes	18
153	Public Speaking & Debate	18
146	SAT Prep	19
144	Science Fiction	19
138	Sports Media	19
1381	Sports Media II	19
141	Storytelling in Film	19
157	Lord of the Rings	19

COMMUNICATIONS/MEDIA DEPARTMENT		pg 20
171	Introduction to TV Media	20
172	Adv. TV Media	20
168	Documentary Filmmaking	20
167	Film History	20
239	Intro. to the Holocaust through Film & Lit	20
169	The Holocaust in American Pop Culture	21
170	Conspiracy Theories	21
173	Adv. Research	21
154	Charlie Caplin: His Life & Films	21
1501	Intro. to Journalism & Media	21
150	Journalism	22
886	Adv. Yearbook	22
888	Adv. News Magazine	22
165	Beyond the Camps: The Holocaust in Eastern Europe	22
166	Adv. Investigation: The JFK Assassination	22

FAMILY & CONSUMER SCIENCE DEPARTMENT		pg 23
7021	Culinary I	23
7023	Culinary Independence	23
7022	Culinary II	23
709	Healthy Eating	23
703	Child Development	23
7024	Sewing and Interior Design	24
7025	Fashion and Costume Design	24
599	Financial Literacy	24

HEALTH & PHYSICAL EDUCATION DEPARTMENT		pg 24
739	Health	25
721	PE-9	25
7667	Sports & Fitness (10)	25
7668	Sports Roles (10)	25
7669	Fitness and the Mind (10)	25
767	Fitness through Sport (11-12)	25
7661	Intro. to Coaching (11-12)	26
7550	Strength & Condition I (11-12)	26
7551	Strength & Condition II (11-12)	26
7662	Fitness through the Ages (11-12)	26
7663	Managing Stress through Phys. Activity (11-12)	26
780	Ultimate Physical Education (*E*)	27
779	Aerobic Dance (*E*)	27
769	Net Games (*E*)	27

COMPUTER SCIENCE		pg 27
3512	Introduction to Computer Science	28
35xx	Computer Programming: Python	28
	*multiple computer languages offered	
3520	Problem Solving & Critical Thinking through CS	29
3521	AP Computer Science Principles	29
3518	AP Computer Science A	29
360/361	Intro. to Cybersecurity & Adv. Cybersecurity	29
362	2D Game Design	30
363	3D Game Design	30
323	Discrete Math for Computer Science	30

MATHEMATICS DEPARTMENT		pg 31
302	Pre-Algebra	**31**
301	Algebra I	**31**
321	Algebra II	**31**
320	Honors Algebra II	**31**
311	Geometry	**31**
310	Honors Geometry	**31**
3290	Pre-Calculus with Trigonometry	**32**
3291	Honors Pre-Calculus with Trigonometry	**32**
334	Statistics	**32**
336	AP Statistics	**32**
341	Honors Calculus	**32**
340	AP Calculus (Level AB)	**33**
146	SAT Prep	**19**
599	Financial Literacy	**33**

MUSIC DEPARTMENT		pg 34
811	Band	**34**
813	Chorus	**34**
808	Orchestra	**34**
8122	Band, Chorus, & Orchestra	**34**
809	Orchestra & Chorus	**34**
8123	Band & Chorus	**34**
8124	Band & Orchestra	**34**
817	Music Theory – Elements of Music	**35**
818	Jazz Studies	**35**
819	Jazz to Rock & Roll	**35**
820-1	Music Theory & Adv. Music Theory	**35**
825	World Music	**35**
826	Class Piano	**36**
827	Instrumental Music: Guided Practice	**36**
828	Music Technology	**36**
829	Vocal Music: Guided Practice	**36**

SCIENCE DEPARTMENT		pg 37
401	Earth & Space Science	**37**
400	Accelerated Earth & Space Science	**37**
411	Biology	**37**
409	Accelerated Biology	**37**
419	Environmental Science	**40**
422	Chemistry: Career & College Prep	**38**
421	Chemistry	**38**
426	Accelerated Chemistry	**38**
440	AP Biology	**39**
432	Physics: Career & College Prep	**38**
431	Physics	**38**
428	AP Physics C: Mechanics	**39**
441	Biology II	**39**
451	Chemistry II	**39**
450	AP Chemistry	**40**
455	Human Anatomy & Physiology	**40**

SCIENCE DEPARTMENT (Cont.)		
460	Astronomy	**39**
465	Forensic Science	**40**
461	Marine Science	**40**
462	Meteorology	**41**
463	Paleontology	**41**
468	Science Fact : Science Fiction	**41**
459	Zoology	**41**

SOCIAL STUDIES DEPARTMENT		pg 42
204	American History I	**42**
203	Accelerated American History I	**42**
211	World History	**42**
213	AP World History: Modern	**42**
223	American History II	**42**
220	AP United States History	**43**
230	AP United States Government & Politics	**43**
231	AP Macroeconomics	**43**
232	Government	**43**
235	Consumer Economics 12	**43**
233	Economics	**44**
242	20th Century Popular Culture	**44**
236	Geography	**44**
255	Anthropology	**44**
251	Minorities in American History	**44**
234	*Hamilton*, Founding Fathers & Early Republic	**44**
254	Psychology	**45**
243	Sociology	**45**
246	Women's Studies	**45**
257	World War II through Film & Literature	**45**
225	Global History	**45**
599	Financial Literacy	**45**

TECHNOLOGY EDUCATION DEPARTMENT		pg 46
880	Construction & Manufacturing Technology	**46**
883	Wood Shop I	**46**
884	Metal Shop I	**46**
8831	Wood Shop II (*semester*)	**46**
8832	Wood Shop II	**46**
8833	Wood Shop III – Cabinetry (*semester*)	**46**
8834	Wood Shop III – Cabinetry	**47**
885	Intro. to Electricity/Electronics	**47**
864	Photography	**47**
865	Photography Studio	**47**
8111	Introduction to Engineering Design	**47**
8112	Engineering	**47**
8991	Adv. Engineering Design	**48**
8891	Computer Aided Design (CAD) Concepts	**48**
8892	Advanced CAD	**48**
899	Adv. CAD: Research & Development – Ind. Study	**48**

WORLD LANGUAGE DEPARTMENT		pg 49
500	German I	49
501	German II	49
502	German III	49
503	German IV	49
510	Spanish I	49
511	Spanish II	49
512	Spanish III	50
513	Spanish IV	50
514	Spanish V	50
515	Passport to Travel	50
516	Exploring Culture through Media	50

CLASS RANK

Class rank is computed on the basis of grades earned in subjects taken in grades 9 through 12 for which course credit and grade point credit is granted. If applicable, high school level courses taken at the high building while a student is enrolled at the middle school level will also be calculated into the students' GPA for class rank.

For grade-point average calculations the following courses are weighted:

Students receiving a grade of Incomplete will not have their GPA recalculated until the end of the following quarter.

The following is the list of Weighted Course Offerings:

Accelerated English 9
Accelerated English 10
Accelerated American Lit.
Accelerated British Lit.
AP English Language
AP English Literature
Advanced Fiction Writing

Accelerated American History I
AP World History: Modern
AP U.S. History
AP U.S. Government
AP Macro Economics

Honors Algebra II
Honors Geometry
Honors Pre-Calc w/Trig
Honors Calculus
AP Calculus
AP Statistics
AP Computer Science A
AP Comp. Sci. Principles

Spanish III
Spanish IV
Spanish V
German IV

Accelerated Earth & Space
Accelerated Biology
Biology II
AP Biology
Accelerated Chemistry
Chemistry II
AP Chemistry
AP Physics C: Mechanics
Anatomy & Physiology

Adv. Painting Studio
Adv. Drawing Studio
Adv. Art Portfolio Prep
Adv. Retail V: Manager
Adv. Retail VI: Owner
Adv. Engineering Design
Advanced CAD
Adv. CAD R&D

Adv. Yearbook
Adv. News Magazine
Adv. Music Theory
Adv. TV Media
Adv. Investigation: JFK
Adv. Research
Adv. Cybersecurity
Adv. Game Design

FLEETWOOD AREA HIGH SCHOOL offers several different options to earn college credit while still attending high school; please click on the following link to learn more:
Dual Enrollment Brochure

DUAL ENROLLMENT

FAHS has partnered with RACC to allow students the opportunity to earn college credit for the college-level courses they take at FAHS. These courses parallel the same competencies and expectations as their RACC counterparts and the FAHS teachers are held to the same qualifications as RACC adjunct faculty. Students interested in enrolling must complete the RACC registration forms and pay tuition per credit hour.

After completing the course at FAHS, the student will earn college credit from RACC for grades of "C" or higher. Most year-long FAHS dual enrollment courses can count for two separate courses at RACC, earning students up to 8 college credits per course. Students should consult the patrac.org or collegetransfer.net sites to research the transferability of dual enrollment credits. Student are responsible for obtaining official transcript from RACC.

Beginning the 2023-2024 school year, all dual enrollment courses will be weighted at 1.1 in accordance with Act 55.

The following is the list of all the Dual Enrollment classes:

Accelerated British Lit.
AP English Language
AP English Literature
Honors Calculus
Honors Pre-Calculus w/Trig
AP Calculus
AP Statistics
AP Computer Science A
Anatomy & Physiology
Accelerated Biology
AP Biology
AP Physics C: Mechanics
AP World History
AP US History
AP Government
AP Macroeconomics
Spanish III
Spanish IV
Spanish V
EDU 299: Career Related Internships (RACC)

FASD VIRTUAL ACADEMY

The FASD Virtual Academy is an extension of the Fleetwood Area School District that provides an online education for students who choose this learning pathway. We offer online courses to satisfy a variety of student needs. Students may choose to take all their courses online or they may choose to take a blending of online courses and traditional brick-and-mortar courses in our schools. Courses will be provided asynchronously.

FASD Virtual Academy offers a wide variety of online courses including unique electives. Courses may be taught by Fleetwood teachers or teachers provided by outside vendors dependent on the course and enrollment numbers. Our online students have the flexibility to work on their courses full-time at home or choose part-time online and in school. Please consult with your school counselor for the best options for your student. FASD Virtual Academy students also have the opportunity to participate in school activities, events, and extra–curricular programs.

By participating in our online program, students will be provided local technology support, teacher support, asynchronous courses, and the ability to take state-mandated testing (Keystones) in our schools.

ARTS & COMMUNICATION

1

Arts, A/V Technology & Communication

Audio/Visual Technology	Interactive Media	Journalism	Printing/Publishing
Video Production & Film	Telecommunications	Public Relations (PR)	Internet Design
Journalism & Broadcasting	Visual & Design Arts	Marketing & Advertising	Graphic Design
Performing Arts	Photography	Writing	

Do you like to Design, Perform, and/or Create New Things?
Are Fine Arts, English, and/or Media Production some of your Favorite Classes?

THE FOLLOWING IS A FULL LIST OF COURSE OFFERINGS IDENTIFIED WITHIN THE ARTS & COMMUNICATIONS PATHWAY:

Intro to High School Art	9
Art & Design	9
Art Portfolio Preparation	9
Adv. Art Portfolio Preparation	9
Ceramics	9
Intro. to Painting	10
Adv. Painting Studio	10
Drawing	10
Adv. Drawing Studio	10
Fantasy in Art	10
Sculpture	10
Craft Design	11
Communication Design	11
Theatrical Performance	11
Theatrical Production	11
Business Essentials	12
Entrepreneurship	12
Global Hospitality & Tourism	12
Principles of Marketing	13
Digital Marketing	13
Social Media Marketing	13
Sports & Entertainment Marketing	13
Microsoft Academy	14
Retail Management & E-Commerce courses	14
Accelerated American Literature	17
Accelerated British Literature	17
AP English 12: Lit	17
AP English 12: Comp	18
Creative Writing	18
Advanced Fiction Writing	18
Gods, Goddesses & Superheroes	18
Speech & Debate	18
SAT Prep	19
Science Fiction	19
Sports Media	19
Sports Media II	19
Story Telling in Film	19
Lord of the Rings	19
Introduction to TV Media	20
Adv. TV Media	20
Documentary Filmmaking	20
Film History	20
Introduction to the Holocaust through Film & Literature	20
The Holocaust in American Popular Culture	21
Conspiracy Theories	21
Adv. Research	21
Charlie Chaplin: His Life & Films	21
Intro to Journalism & Media	21
Journalism	22
Adv. Yearbook	22
Adv. News Magazine	22
Beyond the Camps: The Holocaust in Eastern Europe	22
Adv. Investigation: JFK	22
Personal Development	23
Intro to Coaching	26
Strength & Conditioning I	26
Strength & Conditioning II	26
Fitness through the Ages	26
Managing Stress through Physical Activity	26
Aerobic Dance	27
Intro to Computer Science	28
Computer Programming courses	28
Cybersecurity courses	29
Game Design courses	30
Statistics	32
AP Statistics	32
Band	34
Chorus	34
Orchestra	34
Jazz Studies	35
Jazz to Rock & Roll	35
Music Theory: Elements of Music	35
Music Theory Courses	35
World Music	35
Class Piano	36
Instrumental Music: Guided Practice	36
Music Technology	36
Vocal Music: Guided Practice	36
20th Century Popular Culture	44
Geography	44
Anthropology	44
Hamilton, Founding Fathers & Early Republic	44
Women's Studies	45
World War II through Film & Literature	45
Global History	45
Photography	47
Photography Studio	47
Adv. Engineering Design	48
Computer Aided Design (CAD) Concepts	48
Advanced CAD	48
Adv. CAD R&D	48
German I	49
German II	49
German III	49
German IV	49
Spanish I	49
Spanish II	49
Spanish III	50
Spanish IV	50
Spanish V	50
Passport to Travel	50
Exploring Culture through Media	50

✓	Foundational Knowledge & Skills	*Any course marked with this color/code will be considered foundational knowledge for any pathway.

BUSINESS, FINANCE, & INFORMATION TECHNOLOGY

2

Management & Administration	*Finance*	*Marketing*	*Information Technology*
Administrative Services	Accounting	Marketing Communications	Information Support & Services
Business Information Technology	Banking Services	Marketing Management	Interactive Media
Corporate/General Management	Corporate Finance	Marketing Research	Network Systems
Human Resource Management	Insurance	Merchandising / Sales	Programming & Software Engineering
Operations Management	Securities & Investments		

Do you like to learn about Businesses, how Companies run, how to Manage Money and People?
Are Business, Math, or Computer Sciences some of your Favorite Classes?

THE FOLLOWING IS A FULL LIST OF COURSE OFFERINGS IDENTIFIED WITHIN THE BUSINESS, FINANCE, & INFORMATION TECHNOLOGY PATHWAY:

The Business of Art	10	Beyond the Camps: The Holocaust in Eastern Europe	22	German III	49
Careers in The Arts	10	Adv. Investigation: JFK	22	German IV	49
Accounting I	12	Fitness through Sport	25	Spanish I	49
Accounting II	12	Intro to Coaching	26	Spanish II	49
Business Essentials	12	Strength & Conditioning I	26	Spanish III	50
Entrepreneurship	12	Strength & Conditioning II	26	Spanish IV	50
Global Hospitality & Tourism	12	Fitness through the Ages	26	Spanish V	50
Principles of Marketing	13	Managing Stress through Physical Activity	26		
Digital Marketing	13	Intro to Computer Science	28		
Social Media Marketing	13	Computer Programming courses	28		
Sports & Entertainment Marketing	13	Prob.Solve/Cr.Thinking in CS	29		
Digital Media	13	AP Computer Science Principles	29		
Law in Action	14	AP Computer Science A	29		
Microsoft Academy	14	Cybersecurity courses	29		
Retail Management & E-Commerce courses	14	Game Design courses	30		
Accelerated American Literature	17	Discrete Math	30		
Accelerated British Literature	17	Pre-Calculus w/Trigonometry	32		
AP English 12: Lit	17	Honors Pre-Calculus w/Trigonometry	32		
AP English 12: Comp	18	Statistics	32		
Speech & Debate	18	AP Statistics	32		
SAT Prep	19	Honors Calculus	32		
Sports Media	19	AP Calculus	33		
Sports Media II	19	AP Macroeconomics	43		
Introduction to TV Media	20	Economics	44		
Adv. TV Media	20	German I	49		
Conspiracy Theories	21	German II	49		
Adv. Research	21				

✓ Foundational Knowledge & Skills	*Any course marked with this color/code will be considered foundational knowledge for any pathway.

ENGINEERING & INDUSTRIAL TECHNOLOGY

3

Transportation, Distribution, & Logistics
Facility &Mobile Equipment Maintenance
Health, Safety, & Environmental Management
Logistics
Planning & Management Services
Sales, Service, & Transportation
Systems Infrastructure
Planning Management & Regulation
Warehousing & Distribution Center Operations

Architecture & Construction
Construction Design
Maintenance & Operations

Agriculture, Food, & Natural Resources
Animal Science
Agribusiness Systems
Environmental Service Systems
Food Products & Processing Systems
Natural Resources
Plant Science
Power, Structural, & Technical Systems

STEM
Science, Technology, Engineering, & Math

Manufacturing
Production Process Technology
Manufacturing Production
Maintenance, Installation, & Repair
Quality Assurance
Logistics & Inventory Control

Energy
Fossil Energy Production
Transmission & Distribution
Production Process Technology
Renewable Energy Production
Energy Research

Do you enjoy Working with your Hands, Building, and Fixing Things?

Would you Describe yourself as Practical and Logical?

Are you Interested in Studying Science, Drafting, Robotics, Woodworking, or Math?

THE FOLLOWING IS A FULL LIST OF COURSE OFFERINGS IDENTIFIED WITHIN THE ENGINEERING & INDUSTRIAL TECHNOLOGY PATHWAY:

Accounting I	12	Strength & Conditioning II	26	Biology II	39
Accounting II	12	Fitness through the Ages	26	Chemistry II	39
Business Essentials	12	Managing Stress /Phys.Activity	26	AP Chemistry	40
Entrepreneurship	12	Intro to Comp. Science	28	Human Anatomy & Physiology	40
Global Hospitality & Tourism	12	Comp. Programming courses	28	Astronomy	39
Principles of Marketing	13	Prob.Solve/Cr.Thinking in CS	29	Forensic Science	40
Digital Marketing	13	AP Comp. Science Principles	29	Marine Science	40
Social Media Marketing	13	AP Comp. Science A	29	Meteorology	41
Sports & Entertainment Marketing	13	Cybersecurity courses	29	Science Fact – Science Fiction	41
Digital Media	13	Game Design courses	30	Zoology	41
Microsoft Academy	14	Discrete Math	30	Construction & Manufacturing	46
Retail Management & E-Commerce courses	14	Pre-Calc w/Trig	32	Wood Shop I	46
Accelerated American Lit.	17	Honors Pre-Calc w/Trig	32	Metal Shop I	46
Accelerated British Lit.	17	Statistics	32	Wood Shop II	46
AP English 12: Lit	17	AP Statistics	32	Wood Shop III	46
AP English 12: Comp	18	Honors Calculus	32	Intro to Electricity/Electronics	47
Speech & Debate	18	AP Calculus	33	Intro to Engineering Design	47
SAT Prep	19	Earth & Space Science	37	Engineering	47
Intro. to TV Media	20	Accelerated Earth & Space	37	Adv. Engineering Design	48
Adv. TV Media	20	Biology	37	CAD Concepts	48
Culinary I	23	Accelerated Biology	37	Advanced CAD	48
Culinary Independence	23	Environmental Science	40	Adv. CAD R&D	48
Culinary II	23	Chemistry: Career & College Prep	38	German I	49
Sewing and Interior Design	24	Chemistry	38	German II	49
Fashion and Costume Design	24	Accelerated Chemistry	38	German III	49
Fitness through Sport	25	AP Biology	39	German IV	49
Intro to Coaching	26	Physics: Career& College Prep	38		
Strength & Conditioning I	26	Physics	38		
		AP Physics C	39		

✓	Foundational Knowledge & Skills	*Any course marked with this color/code will be considered foundational knowledge for any pathway.

HUMAN SERVICES

4

Hospitality & Tourism
Lodging
Recreation, Amusements, & Attractions
Restaurants, Food & Beverage Services
Travel & Tourism

Human Services
Consumer Services
Counseling & Mental Health Services
Early Childhood Development
Family & Community Services
Personal Care Services

Government & Public Administration
Revenue & Taxation
Public Management & Administration
Foreign Service
Legal Services
Planning
Governance
Regulation

Law, Public Safety, Corrections & Security
Correction Services
Emergency & Fire Management Services
Law Enforcement Services
Security & Protective Services
Legal Services

Education & Training
Teaching & Training
Professional Support Services
Administration & Administrative Support

Do you Like to Help People? Do you Want to Make a Difference in your Community?

Do you Enjoy Travel & Learning about Different Cultures?

THE FOLLOWING IS A FULL LIST OF COURSE OFFERINGS IDENTIFIED WITHIN THE HUMAN SERVICES PATHWAY:

Business Essentials	12	Sewing and Interior Design	24	Accelerated American History I	42
Entrepreneurship	12	Fashion and Costume Design	24	World History	42
Global Hospitality & Tourism	12	Fitness through Sport	25	AP World History: Modern	42
Principles of Marketing	13	Intro to Coaching	26	American History II	42
Digital Marketing	13	Strength & Conditioning I	26	AP United States History	43
Social Media Marketing	13	Strength & Conditioning II	26	AP Government	43
Sports & Entertainment Marketing	13	Fitness through the Ages	26	AP Macroeconomics	43
Law in Action	14	Managing Stress /Phys.Activity	26	Government	43
Microsoft Academy	14	Ultimate Physical Education	27	Consumer Economics 12	43
Retail Management & E-Commerce courses	14	Aerobic Dance	27	Economics	44
Accelerated American Lit.	17	Net Games	27	20th Century Pop Culture	44
Accelerated British Lit.	17	Statistics	32	Geography	44
AP English 12: Lit	17	AP Statistics	32	Anthropology	44
AP English 12: Comp	18	Earth & Space Science	37	Minorities in American History	44
Creative Writing	18	Accelerated Earth & Space	37	*Hamilton*, Founding Fathers & Early Republic	44
Adv. Fiction Writing	18	Biology	37	Psychology	45
Speech & Debate	18	Accelerated Biology	37	Sociology	45
SAT Prep	19	Environmental Science	40	Women's Studies	45
Sports Media	19	Chemistry: Career & College Prep	38	WWII through Film & Lit	45
Sports Media II	19	Chemistry	38	Global History	45
Intro to TV Media	20	Accelerated Chemistry	38	Intro to Engineering Design	47
Adv. TV Media	20	AP Biology	39	Engineering	47
Intro to Holocaust: Film & Lit	20	Physics: Career & College Prep	38	German I	49
Holocaust in Amer.Pop.Culture	21	Physics	38	German II	49
Conspiracy Theories	21	AP Physics C	39	German III	49
Adv. Research	21	Biology II	39	German IV	49
Journalism	22	Chemistry II	39	Spanish I	49
Beyond the Camps: The Holocaust in Eastern Europe	22	AP Chemistry	40	Spanish II	49
Adv. Investigation: JFK	22	Human Anatomy & Physiology	40	Spanish III	50
Personal Development	23	Astronomy	39	Spanish IV	50
Culinary I	23	Forensic Science	40	Spanish V	50
Culinary Independence	23	Marine Science	40	Passport to Travel	50
Culinary II	23	Meteorology	41	Exploring Culture through Media	50
Healthy Eating	23	Paleontology	41		
Child Development	23	Science Fact – Science Fiction	41		
		Zoology	41		
		American History I	42		

✓ Foundational Knowledge & Skills	*Any course marked with this color/code will be considered foundational knowledge for any pathway.

SCIENCE & HEALTH

5

Health Science

Biotechnology Research & Development
Diagnostic Services
Support Services
Therapeutic Services
Environmental Studies
Research Laboratories
Animal Science
Food Science
Medicine
Dental
Optical
Medical Records

Do you Like to Learn about Living Things, Solve Problems, or Work with Cutting Edge Technology?

Are you Interested in Helping People with Health Related Concerns?

Are Biology and Chemistry some of your Favorite Classes?

THE FOLLOWING IS A FULL LIST OF COURSE OFFERINGS IDENTIFIED WITHIN THE SCIENCE & HEALTH PATHWAY:

Accelerated American Lit.	17
Accelerated British Lit.	17
AP English 12: Lit	17
AP English 12: Comp	18
Speech & Debate	18
SAT Prep	19
Science Fiction	19
Culinary II	23
Healthy Eating	23
Child Development	23
Fitness through Sport	25
Intro to Coaching	26
Strength & Conditioning I	26
Strength & Conditioning II	26
Fitness through the Ages	26
Managing Stress /Phys.Activity	26
Ultimate Physical Education	27
Net Games	27
Intro to Computer Science	28
Comp. Programming courses	28
Prob.Solve/Cr.Thinking in CS	29
AP Comp. Sci. Principles	29
AP Computer Science A	29
Cybersecurity courses	29
Game Design courses	30
Discrete Math	30
Pre-Calculus w/Trigonometry	32
Honors Pre-Calc w/Trig	32
Statistics	32
AP Statistics	32
Honors Calculus	32
AP Calculus	33
Earth & Space Science	37
Accelerated Earth & Space	37
Biology	37
Accelerated Biology	37
Environmental Science	40
Chemistry: Career & College Prep	38
Chemistry	38
Accelerated Chemistry	38
AP Biology	39
Physics: Career & College Prep	38
Physics	38
AP Physics C	39
Biology II	39
Chemistry II	39
AP Chemistry	40
Human Anatomy & Physiology	40
Astronomy	39
Forensic Science	40
Marine Science	40
Meteorology	41
Paleontology	41
Science Fact – Science Fiction	41
Zoology	41
Psychology	45
Sociology	45
Intro to Engineering Design	47
Engineering	47
German I	49
German II	49
German III	49
German IV	49
Spanish I	49
Spanish II	49
Spanish III	50
Spanish IV	50
Spanish V	50

✓ Foundational Knowledge & Skills	*Any course marked with this color/code will be considered foundational knowledge for any pathway.

PROGRAM OF STUDIES

ART DEPARTMENT

Art courses are designed for students with a desire to gain artistic experience. Basic knowledge of techniques and personal skills of expression, historical and cultural background, and an aesthetic awareness are included in all art courses.
Elective courses are offered when staffing and scheduling considerations allow for electives.

Intro to High School Art				
Course Number	Prerequisite	Credit	Grade Level	Course Length
853	None*	.5	9-12	1 semester
This introductory high school level course builds upon prior knowledge of basic design elements and principals. Students will learn tricks and techniques of drawing, explore color theory, art history, and art criticism in a relaxed atmosphere. With a focus on exploration, experimentation and fun, students will engage in studio production of artwork that will prepare students for the advanced electives offered at the high school level. *Highly recommended for 9th grade students before taking other art courses at the high school.				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Art & Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
877	Teacher Recommendation*	1.0	10	1 year
This course is for tenth grade students who have an interest in art, and who consider themselves advanced or who are motivated and passionate about art. This is a yearlong art course. Students will develop foundational skills in drawing, painting, printmaking, and collage while creating 2D and 3D works of art. This course is meant to give students a strong foundation in preparation for Art Portfolio Preparation, 11th grade students and Advanced Art Portfolio Preparation, 12th grade students.				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Art Portfolio Preparation				
Course Number	Prerequisite	Credit	Grade Level	Course Length
850	Teacher Recommendation*	1.0	11	1 year
This course is for 11th grade students who are serious about building an art portfolio. The course will focus on foundational skills and techniques in 2D and 3D media. Students will develop their personal style while utilizing various materials. They create handmade visual journals for exploring mediums alongside conceptual art. Curriculum will focus on meaning behind art utilizing a wide range of art materials. *Teacher recommendation based on successfully completing past elective art course.				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Advanced Art Portfolio Preparation					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
851	Teacher Recommendation*	1.0	1.05	12	1 year
This course is designed for the advanced senior art student who wants to attend art school in college, or who wants to pursue a creative career in the arts. Students will create art based on conceptual ideas, personal style, and expand upon foundational art skills. Students create their own visual journals where they explore conceptual art in depth through various media. *Teacher recommendation based on successfully completing past elective art course.					
The Arts / Elective Credit		Career Pathway Alignment			**1**

Ceramics				
Course Number	Prerequisite	Credit	Grade Level	Course Length
867	Intro to High School Art	.5	10-12	1 semester
For the **serious art student only**: This course challenges the artist to work mainly in clay. Beginning with basic hand building techniques and then increasing the challenges of technique along with the use of the potter's wheel, students will create dynamic, functional or sculptural pieces constructed in a studio atmosphere. *This course may be repeated.*				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Intro. to Painting				
Course Number	Prerequisite	Credit	Grade Level	Course Length
855	None	.5	9-12	1 semester
This course studies color theory through the application of various painting media. Projects in basic color theory, methods in painting and applications to art history will form the general outline for the course. The emphasis will be on studio projects. *This course may be repeated.*				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Advanced Painting Studio					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
8551	Intro. to Painting	.5	1.05	9-12	1 semester
This course studies color theory through application of various painting media. The projects build upon the Intro. to Painting projects in basic color theory, and methods in painting and applications to art history will form the general outline for the course. The emphasis will be on studio projects. *This course may be repeated.*					
The Arts / Elective Credit		Career Pathway Alignment			**1**

Drawing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
857	None	.5	9-12	1 semester
For the entry-level drawing student who is new to drawing and **wants to draw**. This course develops BASIC drawing skills through the use of a variety of drawing media, and observational drawing. Students will explore basic drawing techniques and approaches in a variety of studio projects such as a still life, self-portrait, and interpretive drawings. *This course may be repeated.*				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Advanced Drawing Studio					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
8571	*Teacher Recommendation	.5	1.05	10-12	1 semester
For the **SELF-DRIVENADVANCED DRAWING** student seeking to advance their drawing skills at a high level to create a body of work for inclusion in a college portfolio. This course further develops drawing skills through intense exploration of selected drawing and exploratory media. Students will seek to discover their personal drawing styles using a variety of studio media. This classroom fosters a positive art-centric atmosphere. *This course may be repeated with teacher approval.*					
The Arts / Elective Credit		Career Pathway Alignment			**1**

Fantasy in Art				
Course Number	Prerequisite	Credit	Grade Level	Course Length
862	Intro to High School Art, 3D Design or Drawing	.5	9-12	1 semester
A sense of the unusual, illusion and distortion and the world of dreams inspire artists to create new worlds in their art work. The art of fantasy will be investigated in this course through the study of history and studio projects. Students will be encouraged to experiment with a variety of media to create unique works of their own. *This course may be repeated.*				
The Arts / Humanities / Elective Credit		Career Pathway Alignment		**1**

Sculpture				
Course Number	Prerequisite	Credit	Grade Level	Course Length
856	None	.5	10-12	1 semester
Students will explore three-dimensional form in traditional and nontraditional materials. Study form, volume, and space relationships through the exploration of decorative, utilitarian, and conceptual approaches to sculpture. Study three-dimensional works from various historical and cultural periods. (Example skills gained: problem-solving, re-purposing, creativity, reusing, building, engineering, etc.) **This course may be repeated with teacher recommendation.**				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Craft Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
854	None	.5	10-12	1 semester
This hands-on course gives the opportunity to develop skills in a variety of craft techniques of various cultures. Students further their aesthetic appreciation and knowledge of the diverse forms and various materials used to solve the utilitarian needs of all societies, past and present. Explore craft processes with various materials using traditional and nontraditional constructive techniques. (Example skills gained: problem-solving, creativity, weaving, crocheting, paper crafting, macrame, etc.). **This course may be repeated with teacher recommendation.**				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Communication Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
858	None	.5	9-12	1 semester
In this course students will focus on the process of creating visual and written elements to convey a message to a target audience. It's a cross between design and information development, and it involves using new media and technologies to create compelling images and messages. This course is for students who want to merge traditional fine arts such as drawing, painting, printmaking, and photography with digital art. *This course will be held in the imac studio in the Tech Wing.				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Theatrical Performance				
Course Number	Prerequisite	Credit	Grade Level	Course Length
1612	Interests in musical theater, acting, public performance, and/or technical skills such as makeup, sound, lights, and set design	.5	9-12	1 semester
A firsthand experience of performance-based theatrical activities including audition preparation such as: script memorization and blocking; performances including: acting, singing, and dancing in class; and other theatre performance topics including: directing, acting techniques, choreography, makeup, hair, and costuming. This course will identify and discuss major contributors to musical theatre. Students will be required to participate in the spring musical production in which they will apply various aspects of the course into their performance, such as: singing, acting, playing an instrument, or stage crew. This course may be repeated.				
The Arts / Elective Credit		Career Pathway Alignment		**1**

Theatrical Production				
Course Number	Prerequisite	Credit	Grade Level	Course Length
1611	Interests in musical theater, set design, set painting, and technical skills such as sound and lights	.5	9-12	1 semester
Students will get a firsthand behind the scenes look at the many facets of theatrical production including scenic design, set painting, sound, lighting, props, and stage management. This course will examine major milestones in the development of modern theatre. This is a project-based course including implementation of a performance applying all aspects of production design. **This course requires the ability to move heavy stage materials. Students may get dirty on occasion.** *This course may be repeated.*				
The Arts / Elective Credit		Career Pathway Alignment		**1**

BUSINESS EDUCATION

The Business Education Department makes an effort to help each student select his/her program according to the individual's personal and specific needs and to provide specialized training for those students who expect to seek employment in business or participate in advanced education.

Accounting I – Foundations of Accounting				
Course Number	Prerequisite	Credit	Grade Level	Course Length
616	None	1.0	9-12	1 year
Unlock the secrets behind successful businesses by mastering the language of money! In this engaging Accounting I course, you'll explore the essential building blocks of the accounting cycle, from recording daily transactions to creating complete financial reports. Dive into the world of sole proprietorships and partnerships as you learn to prepare and analyze business records. Through hands-on experience, you'll gain confidence in both manual and digital accounting tools—everything from journals and ledgers to tax prep and banking basics. Join us to get real-world skills that will set you up for financial success in any career!				
Business-Technology / Elective Credit	Career Cluster Alignment		**2**	**3**

Accounting II – Navigating Financial Insights				
Course Number	Prerequisite	Credit	Grade Level	Course Length
617	Accounting I	1.0	10-12	1 year
Take your accounting knowledge to the next level! In this advanced course, you'll dive deeper into real-world financial skills, learning how to record, analyze, and interpret key financial data. You'll explore topics like managing accounts receivable, handling bad debts, promissory notes, different inventory systems, calculating depreciation, understanding notes payable, and tracking accrued revenues and liabilities. This course is designed to help you stand out for higher-level jobs and build a strong foundation for college business and accounting programs. Perfect for anyone planning to major in business or pursue a career in finance or accounting. This course gives you hands-on experience and insight into the world of professional accounting.				
Business-Technology / Elective Credit	Career Cluster Alignment		**2**	**3**

Business Essentials				
Course Number	Prerequisite	Credit	Grade Level	Course Length
610	None	.5	9-12	1 semester
Ready to dive into the world of business? In this dynamic, hands-on course, you'll discover how businesses thrive and impact our daily lives. From understanding the essentials of management and finance to exploring the latest in marketing and business technology, you'll gain real-world insights and skills that can open doors to a future in business. This course offers the perfect foundation for anyone curious about business, whether you're thinking about a career, interested in entrepreneurship, or looking to build skills for future courses.				
Business-Technology / Elective Credit	Career Cluster Alignment		**1**	**2**	**3**	**4**

Entrepreneurship & Business Innovation				
Course Number	Prerequisite	Credit	Grade Level	Course Length
652	Business Essentials	.5	9-12	1 semester
Do you dream of being your own boss? In this course, you'll dive into the exciting world of entrepreneurship and discover what it takes to start, run, and grow a successful business. Through engaging projects, hands-on simulations, and creative problem-solving challenges, you'll get a taste of real-world business and learn the essential skills every entrepreneur needs. From brainstorming your big idea to making smart financial decisions, this course will help you build confidence and skills that can turn your passions into a profitable business!				
Business-Technology / Elective Credit	Career Cluster Alignment		**1**	**2**	**3**	**4**

Global Hospitality & Tourism				
Course Number	Prerequisite	Credit	Grade Level	Course Length
611	Business Essentials	.5	9-12	1 semester
Ready to explore the world and build a career that can take you anywhere? This course is your gateway to the exciting fields of global hospitality, tourism, and international business! You'll dive into the essentials of running a successful business in our global economy, while gaining real-world skills in marketing, customer service, and technology. Discover how businesses operate worldwide, and develop the professional skills needed to stand out in any field. Join us and prepare for a future full of opportunities, no matter where you want to go!				
Business-Technology / Elective Credit	Career Cluster Alignment		**1**	**2**	**3**	**4**

Principles of Marketing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
615	None	0.5	9-12	1 semester
Explore the dynamic world of marketing in this engaging course designed for high school students. Principles of Marketing introduces students to the fundamental concepts and strategies businesses use to reach and influence customers in today's competitive marketplace. Through real-world projects and case studies, students will analyze marketing strategies of successful companies, create their own marketing plans, and explore how branding and communication drive consumer behavior. By the end of the course, students will have a strong foundation in marketing principles and practical skills to apply in business or entrepreneurial ventures.				
Business-Technology / Elective Credit		Career Cluster Alignment	**1** **2** **3** **4**	

Digital Marketing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
6151	Principles of Marketing	0.5	9-12	1 semester
Dive into the dynamic world of digital marketing! This course introduces high school students to the fundamentals of promoting brands, products, and services online. Students will explore core topics such as social media marketing, search engine optimization (SEO), email campaigns, content creation, and analytics. Hands-on projects will allow learners to create their own marketing plans, design advertisements, and track performance using real-world tools. By the end of the course, students will develop critical thinking, creativity, and technical skills, preparing them for future studies or careers in marketing, business, and entrepreneurship. Perfect for aspiring marketers and innovators looking to leave a digital footprint!				
Business-Technology / Elective Credit		Career Cluster Alignment	**1** **2** **3** **4**	

Social Media Marketing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
624	Principles of Marketing	.5	9-12	1 semester
Throughout the course, you'll discover how to effectively engage consumers, build strong brands, and create captivating advertising and promotional campaigns that stand out. You'll also gain insights into measuring success and analyzing the impact of your marketing efforts in the fast-paced digital landscape. Join us to develop the skills you need to thrive in today's marketing world and create campaigns that resonate with audiences. Whether you dream of launching your own brand or working with industry leaders, this course will equip you with the knowledge and experience to make your mark in the world of social media marketing!				
Business-Technology / Elective Credit		Career Cluster Alignment	**1** **2** **3** **4**	

Sports & Entertainment Marketing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
621	Principles of Marketing	.5	9-12	1 semester
Step into the fast-paced world of sports and entertainment marketing! In this exciting course, you'll explore how top brands, teams, and influencers reach fans, create unforgettable experiences, and build loyalty. With a focus on real-world marketing strategies, this course covers core skills like communication, pricing, product management, and sales—alongside behind-the-scenes insights into sports and entertainment. Learn how to create marketing campaigns, analyze trends, and understand what makes fans excited about their favorite brands and celebrities. Plus, gain valuable business skills in areas like operations, strategic management, and human resources that can be applied to any career.				
Business-Technology / Elective Credit		Career Cluster Alignment	**1** **2** **3** **4**	

Digital Media				
Course Number	Prerequisite	Credit	Grade Level	Course Length
642	None	.5	9-12	1 semester
This is a Personalized Learning Course. Discover Your Creativity and Build Real-World Skills! In this hands-on course, you'll dive into the exciting world of digital media using industry-leading software like Adobe Creative Suite (Photoshop, Illustrator, Dreamweaver, and more). Whether you're interested in graphic design, digital art, web design, or multimedia presentations, this class lets you explore your creative potential. You'll work on projects tailored to your interests and skill level, building a professional portfolio that showcases your talents. Earn certificates for your achievements and even take this course multiple times to learn new software and advanced techniques. Perfect for students who want to pursue creative careers or develop versatile skills for the digital age! Course can be taken multiple times to learn more program.				
Business-Technology / Elective Credit		Career Cluster Alignment	**2** **3**	

Law in Action: Personal & Business Foundations				
Course Number	Prerequisite	Credit	Grade Level	Course Length
612	None	0.5	9-12	1 semester
This dynamic course empowers high school students to navigate the foundations of the complex legal system that impact businesses and individuals. Dive into essential topics including the origins and structure of the legal system, contract law, consumer rights, and employment law and ethics in business practices. Through real-world case studies, mock trials, and interactive discussions, students will develop critical thinking and problem-solving skills while learning how laws influence decisions in business and everyday life. Join us for an engaging journey through the law that will prepare you for real-life challenges and boost your critical thinking skills.				
Business-Technology / Elective Credit	Career Cluster Alignment		**2**	**4**

Microsoft Academy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
670	None	0.5	9-12	1 semester
In this hands-on course, students will develop proficiency in Microsoft Office, the industry-standard suite for business productivity. Designed for high school students with an interest in advancing their technical skills, Microsoft Academy focuses on the practical application of Word, Excel, PowerPoint, and Outlook to solve real-world business challenges. Throughout the course, students will engage in project-based learning, simulating business scenarios such as drafting business proposals, analyzing financial data, and delivering professional presentations. By the end of the program, students will be equipped with the knowledge and skills to earn certifications in Microsoft Office applications and confidently apply these tools in academic, personal, and professional settings.				
Business-Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Retail Management & E-Commerce I - Trainee				
Course Number	Prerequisite	Credit	Grade Level	Course Length
6701	None	.5	9-12	1 semester
This dynamic, hands-on course offers students the unique opportunity to learn by doing, as they actively participate in our very own school-based business, The Roar Store. Throughout the year, students will rotate through various key roles—such as marketing, accounting, product development, store management, inventory control, and vendor relations—gaining practical experience and valuable skills essential for success in today's business landscape. Whether you're interested in becoming a marketing guru, a finance whiz, or a management expert, this course lays the foundation for a future in retail and e-commerce. Join us and unleash your potential while learning how to run a successful business from the ground up!				
Business-Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Retail Management & E-Commerce II - Employee				
Course Number	Prerequisite	Credit	Grade Level	Course Length
6702	Retail Management & E-Commerce I	.5	9-12	1 semester
Building on the foundational skills developed in Level 1, this course dives deeper into the strategies and operations of running a successful school-based business, The Roar Store. Students will take on advanced responsibilities, such as creating and executing marketing campaigns, conducting in-depth financial analyses, and exploring advanced inventory management techniques. They will also collaborate to identify trends, analyze customer data, and develop new product lines. With a focus on teamwork, leadership, and problem-solving, Level 2 empowers students to enhance their business acumen and take their entrepreneurial skills to the next level.				
Business-Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Retail Management & E-Commerce III - Specialist				
Course Number	Prerequisite	Credit	Grade Level	Course Length
6703	Retail Management & E-Commerce II	.5	9-12	1 semester
In Level 3, students assume leadership roles within The Roar Store, overseeing specific departments such as marketing, finance, or operations. This course emphasizes strategic planning, data-driven decision-making, and advanced retail strategies, including merchandising and pricing optimization. Students will explore digital marketing trends, including e-commerce platforms and social media marketing, while learning to navigate challenges such as supply chain disruptions and customer service solutions. Level 3 prepares students to think critically, innovate, and lead in dynamic business environments.				
Business-Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Retail Management & E-Commerce IV - Supervisor				
Course Number	Prerequisite	Credit	Grade Level	Course Length
6704	Retail Management & E-Commerce III	.5	9-12	1 semester
Level 4 transitions students from operational roles to strategic management within The Roar Store. This advanced course focuses on business growth strategies, long-term financial planning, and professional vendor relations. Students will develop and pitch business expansion projects, manage complex budgets, and oversee store-wide initiatives. They will also gain hands-on experience with e-commerce platforms, including setting up online storefronts and analyzing web analytics. By the end of Level 4, students will have a comprehensive understanding of both physical and digital retail landscapes.				
Business-Technology / Elective Credit		Career Cluster Alignment	**1** **2** **3** **4**	

Adv. Retail Management & E-Commerce V - Manager					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
6705	Retail Management & E-Commerce IV	.5	1.05	9-12	1 semester
This capstone-level course immerses students in high-level business strategy and innovation. Participants will lead all aspects of The Roar Store's operations, mentor underclassmen, and serve as project managers for new initiatives. Focus areas include customer experience design, advanced digital marketing strategies, and implementing emerging retail technologies such as AI and automation. Students will also complete a research project analyzing industry trends and presenting recommendations for enhancing The Roar Store's performance. Level 5 challenges students to apply their knowledge in creative and impactful ways, preparing them for leadership roles in business.					
Business-Technology / Elective Credit			Career Cluster Alignment	**1** **2** **3** **4**	

Adv. Retail Management & E-Commerce VI - Owner					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
6706	Retail Management & E-Commerce V	.5	1.05	9-12	1 semester
Level 6 offers a unique, independent-study format where students function as business consultants for The Roar Store. Working closely with school administration and local business leaders, students will design and implement a comprehensive business plan for the store's continued success. They will conduct market research, develop strategic partnerships, and present findings to stakeholders. With a focus on entrepreneurship, innovation, and global retail trends, Level 6 serves as the ultimate preparatory experience for students aiming to pursue higher education or careers in business, retail, and e-commerce. **The course may be repeated.**					
Business-Technology / Elective Credit			Career Cluster Alignment	**1** **2** **3** **4**	

Financial Literacy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
599	None	.5	11-12	1 semester
Financial Literacy is a one semester course that will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lives and understand personal financial responsibility.				
Financial Literacy Credit – Graduation Requirement		Career Cluster Alignment	✓	

ENGLISH DEPARTMENT

"Elective" courses taken in 9th or 10th grade DO NOT meet "English Credit" for 11th or 12th grade.
"Elective" courses taken in conjunction with full-year English courses will also earn "Elective Credit", not "English Credit"

English 9				
Course Number	Prerequisite	Credit	Grade Level	Course Length
101	None	1.0	9	1 year
Students are encouraged to define and examine the areas of grammar, composition, literature, vocabulary, and speech. The literature unit, enhanced with varied authors who write in many different genres and styles, will focus on the elements of great writing. The composition unit will help students sharpen skills by focusing on specific areas of effective writing. Students will discover how to properly enhance projects and present themselves in class demonstrations. Requirements will include responsible work habits, completing assigned work by specified due dates, and achieving set standards.				
English Credit	NCAA	Career Cluster Alignment	✓	

Accelerated English 9					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
100	90% average in 8th grade high ability English or 93% or above average in 8th grade Regular English	1.0	1.05	9	1 year
Accelerated English 9 is designed to introduce students to an advanced English pathway. Texts are interpreted through an analytical approach with a necessity for student participation. This course will focus on literature in great detail, including an introduction to its critical and analytical areas. Comparisons will be made of authors and literary pieces including novels, short stories, and other genres. Students will interpret and respond to various forms of poetry and prose. Special attention will be focused on creative and essay writing skills that include critical thinking skills incorporated within the informative and persuasive formats. Accelerated students are expected to perform in a responsible manner, including completing assigned work by specified deadlines and achieving required standards. **Summer work may be required.**					
English Credit	NCAA	Career Cluster Alignment	✓		

English 10				
Course Number	Prerequisite	Credit	Grade Level	Course Length
111	English 9	1.0	10	1 year
Writing, literature, and public speaking are integral features of the course. Drama, nonfiction, the novel, and the short story will be studied. Writing units will include reaction pieces, description, explanation, persuasion and the research paper. An emphasis is placed on effective and correct implementation of skills. Grammar studies will involve elements of sentence structure, punctuation, pronoun clarity, and phrases. Public speaking will include a mix of informal role play activities, group presentations, and formal speeches designed to inform and persuade. Supplementary materials will include novels, videos, workplace skills including problem solving strategies and completing assigned work by specific due dates.				
English Credit	NCAA	Career Cluster Alignment	✓	

Accelerated English 10					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
110	Teacher recommendation or 90% or above average in Accelerated English or 93% or above average in Regular English 9.	1.0	1.05	10	1 year
Accelerated English 10 continues the pathway of the Accelerated English 9 course. Analytical thinking in response to the literature studied in various genres including short story, drama, the novel, and nonfiction will be a primary focus. Writing will involve critical thinking in description, explanation, persuasion, and the research paper unit. Writing skills are taught in conjunction with necessary grammar skills. Grammar studies will involve elements of sentence structure, punctuation, pronoun clarity, and phrases. Public speaking will include group presentations and formal speeches. Supplementary novels and videos will be evaluated as students complete requirements. Comparison, cause and effect, and persuasion will be the basis for much of the reading, viewing, and writing. Though the pace is reasonable, homework will play an appropriate role for an accelerated course. **Summer work may be required.**					
English Credit	NCAA	Career Cluster Alignment	✓		

American Literature				
Course Number	Prerequisite	Credit	Grade Level	Course Length
121	English 10	1.0	11	1 year
American literature examines various genres of writing. Novels, plays, short stories, poetry, and nonfiction are some of the literary forms that are evaluated. An emphasis is placed on identifying and analyzing various literary devices, techniques, and meanings. Extensive writing is also included. Students will write essays and paragraph responses exploring a variety of purposes. Additionally, there is a major research paper requirement that explores proper format, steps in the process, and academic achievement. Usage, mechanics, and vocabulary are assessed through student writing with some review units covered as needed. Students will engage in individual speeches, group presentations, and personal responses. The rules of both presenting and listening will be highlighted.				
English Credit		NCAA	Career Cluster Alignment	✓

Accelerated American Literature					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
120	Teacher recommendation or 90% or above average in Accelerated English or a 93% or above average in Regular English 10.	1.0	1.05	11	1 year
Accelerated American Literature constitutes the first half of the AP curriculum. The focus is primarily on American Literature. Analyzing different genres while examining content and structure provides the necessary focus to build critical thinking skills. Discussion is crucial, and presentations are common. Critical analysis, research skills, formal and timed writings, and the application of AP concepts round out this course. **Summer work may be required.**					
English Credit		NCAA	Career Cluster Alignment	**1**	**2** **3** **4** **5**

British Literature				
Course Number	Prerequisite	Credit	Grade Level	Course Length
131	English 11	1.0	12	1 year
British Literature focuses on the authors and philosophies that contributed to it and the historical events that governed literary progress. Students are required to complete expository, narrative, descriptive, and persuasive writing assignments. Students will also practice research and documentation skills in a research project. Students will also continue to develop their vocabulary and critical thinking skills through intensive literary study.				
English Credit		NCAA	Career Cluster Alignment	✓

Accelerated British Literature					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
1301	Teacher recommendations or 85% or above average in Accelerated American Literature or 93% or above average in American Literature.	1.0	1.05	12	1 year
Accelerated British Literature is designed for the student who wants to be challenged by the rigors of an advanced college-preparatory curriculum and be able to comprehend complex literary pieces. The course focuses on British Literature, the authors and philosophies that contributed to it, and the historical events that governed literary progress. Students will also practice research and documentation skills through both MLA and APA style research-based writing projects. Additional independent reading and intensive written analysis of supplemental literature will be required. **Summer work may be required.**					
English Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**1**	**2** **3** **4** **5**

Advanced Placement English Literature & Composition l2					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
130	Teacher recommendation or 90% average or above in Accelerated American Literature. Students must have taken the first half of the AP curriculum in Accelerated American Literature.	1.0	1.10	12	1 year
Advanced Placement English Literature & Composition 12 encompasses the second half of the Advance Placement Curriculum. Within British Literature, students will focus on an in-depth interpretation of literature and sharpening critical thinking and analytical skills. Reading, discussion, presentation, and writing are expected as students examine different genres, while analyzing content, meaning and structure, in diverse works of literature. Preparations for the AP English Language and Composition Examination (taken in May) will be included in this course. **Summer work may be required.**					
English Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**1**	**2** **3** **4** **5**

Advanced Placement English Language & Composition l2					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
1351	Teacher recommendation or 90% average or above in Accelerated American Literature or a 93% or higher in American Literature.	1.0	1.10	12 (11th Grade with Administrative approval)	1 year
Advanced Placement English Language & Composition is focused on improving student writing and reading skills primarily in nonfiction and argumentation by stressing the following areas: rhetorical situations, claims, evidence, reasoning, organization, and style. Nonfiction texts will be the basis for class investigation and discussion, and students will assess the viability of argumentation as well as the effectiveness with which authors accomplish their purposes. Students will be expected to synthesize information from a myriad of sources in an effort to communicate their own theses while also evaluating the effectiveness of representative nonfiction texts that attempt similar strategies. A multistage writing process will be developed during all major writing assignments within the course. **Summer work may be required.**					
English Credit *See Dual Enrollment Page 3*		NCAA	Career Cluster Alignment	**1 2 3 4 5**	

Creative Writing				
Course Number	Prerequisite	Credit	Grade Level	Course Length
140	None	.5	9-12	1 semester
Creative Writing is a workshop-based English course that engages students in the close study and practice of narrative, poetic, and stylistic techniques across multiple genres. The course emphasizes craft analysis, stylistic choices, revision, and the writing process with the goal of giving students a foundation in reading, writing, and critique while also developing their own voice as a writer. Students will read and analyze a range of mentor texts to examine how writers construct character, voice, setting, dialogue, imagery, and structure. Students will produce original creative works, including autobiographical pieces, short fiction, poetry, and other forms. **This class may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit		NCAA	Career Cluster Alignment	**1 4**

Advanced Fiction Writing					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
1401	Teacher Recommendation with successful completion of Creative Writing	.5	1.05	9-12	1 semester
This workshop-based writing course provides an intensive focus on fiction as a genre. Students will learn the elements of fiction including characterization, narration, dialogue, and plot, as well as the habits necessary to grow as a writer. Students will read a wide variety of short stories alongside essays on the craft of writing in order to develop a language for talking about how fiction works. Students are expected to participate in writing workshops throughout the course. Written pieces may include, but are not limited to, Short Story, Fairy Tale, Script Writing, and much more. Anyone who enjoys writing and is committed to improving their craft is sure to enjoy this course. This class is based on the 11th and 12th grade state requirements for reading, writing, speaking, and listening. **This course may not be repeated.**					
9-10 Elective Credit | 11-12 English/Elective Credit		NCAA	Career Cluster Alignment	**1 4**	

Gods, Goddesses, and Superheroes				
Course Number	Prerequisite	Credit	Grade Level	Course Length
155	None	.5	9-12	1 semester
Delving into all types of mythology is the name of the game for this course. Ancient mythology's gods, goddesses, and heroes will be examined and connected to present day myth's superheroes and themes. Genres of literature may include film, graphic novels, novels, drama, and more. Students taking this class will meet 11th and 12th grade state requirements which include oral presentations, fiction and non-fiction reading, research-based writing, informative writing, and persuasive writing. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit		NCAA	Career Cluster Alignment	**1**

Speech and Debate				
Course Number	Prerequisite	Credit	Grade Level	Course Length
153	None	.5	9-12	1 semester
In this course, the student will refine speaking techniques, establish poise and confidence, and experience frequent public speaking opportunities. The debate portion of the course includes Lincoln-Douglass and/or team cross-examination. Debate topics will vary based on student selection. Minimal out-of-class work is required. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit		NCAA	Career Cluster Alignment	**1 2 3 4 5**

SAT Prep				
Course Number	Prerequisite	Credit	Grade Level	Course Length
146	None	.5	10-12	1 semester
The course is designed to help prepare students for the SAT test. In addition to reviewing the basic verbal and mathematical skills assessed on the SAT test, students have access to test-taking strategies specific to the exam. Math topics include Algebra I, Algebra II, Geometry, Data Analysis and Problem Solving. Context Clues, Word Parts, Essay Prompts, and Study Resources are analyzed. Students also research college entrance requirements and scholarship opportunities.				
Elective Credit		Career Cluster Alignment	**1** **2** **3** **4** **5**	

Science Fiction				
Course Number	Prerequisite	Credit	Grade Level	Course Length
144	None	.5	9-12	1 semester
This course will explore the history and origins of science fiction. Literary elements will be applied to both films and written works including elements of myth and legend. The "Star Wars" or "Matrix" series will be emphasized. Some out-of-class work will be required. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit	NCAA	Career Cluster Alignment	**1** **5**	

Sports Media				
Course Number	Prerequisite	Credit	Grade Level	Course Length
138	None	.5	9-12	1 semester
Students will participate in reading and writing about sports and athletic competitions. Students will have the freedom to focus on sports and athletes of their choosing. Activities will include research about influential athletes, reviewing internet, newspaper, and magazine articles, discussing sport-related films, reporting on local sporting events, and making various sport-related presentations to the class. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit	NCAA	Career Cluster Alignment	**1** **2** **4**	

Sports Media II				
Course Number	Prerequisite	Credit	Grade Level	Course Length
1381	Teacher Recommendation with successful completion of Sports Media	.5	9-12	1 semester
This course allows students the opportunity to dig deeper into the world of sports reporting by building upon the foundation laid in the Sports Media course. This project-based course includes topics such as play-by-play analysis, the media guide creation process, and reporting on weekly headlines. Students will also analyze historical and culturally significant sports films. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit	NCAA	Career Cluster Alignment	**1** **2** **4**	

Storytelling in Film				
Course Number	Prerequisite	Credit	Grade Level	Course Length
141	None	.5	9-12	1 semester
This course offers a theoretical (rather than practical) introduction to the basic elements of film by observing representative examples from both contemporary and historical films. Units will consist of the following topics (as time allows): Basic film Structure, Narrative Structure, Editing, Mise-en-Scene, Cinematography, Sound Design, Artistic Movements, and Interpretive Theories. This class will consider cinematic conventions for each of these topics and analyze their manifestations in corresponding films. A major exam concludes each unit. Note taking and class discussion are expected. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit		Career Cluster Alignment	**1**	

Lord of the Rings				
Course Number	Prerequisite	Credit	Grade Level	Course Length
157	None	.5	9-12	1 semester
This course offers a comprehensive study of Tolkien's masterpiece The Lord of the Rings with additional insight into his fantasy realm by investigating The Hobbit, The Silmarillion, Tolkien's musical poetry, and other ancillary texts. The class will compare Peter Jackson's and Guillermo del Toro's film adaptations with excerpts from the three constituent novels. Class discussions will include the symbolism of the novel, its role in the rise of modern fantasy literature, the mythological ramifications of the work, and the cultural context in which the narrative is situated. **This course may not be repeated.**				
9-10 Elective Credit | 11-12 English/Elective Credit	NCAA	Career Cluster Alignment	**1**	

COMMUNICATIONS / MEDIA

Introduction to TV Media				
Course Number	Prerequisite	Credit	Grade Level	Course Length
171	None	.5	9-12	1 semester
This semester long course will give students a "hands on" introduction to the exciting world of television and film production. Using cameras, editing software, and audio equipment students will participate in lectures, film screenings, group projects and discussions to acquire the basic fundamentals that are needed to function in a media dominated culture. This course is the prerequisite to TV Media and is strongly encouraged for students interested in studying communications at the collegiate level or students planning on entering the communications field after high school. ***Please note: Final projects for this course will require work to be done outside of class and, in some cases, the normal school day.***				
The Arts / Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Adv. TV Media					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
172	Teacher Recommendation with successful completion of Introduction to TV Media	1.0	1.05	10-12	1 year
TV Media is a year-long project based course that takes a more in-depth look at television news production and filmmaking process. Using the skills acquired in Introduction to TV Media students will be responsible for producing segments for the high schools Tiger TV News show. Students will be responsible for covering and reporting on school events, such as sporting events, band competitions, field trips, club and classroom events, etc. ***occurring outside of the normal school day.*** Students who are planning on studying communications at the collegiate level or who are planning on entering the communications field after high school are strongly urged to take this course. (This course may be repeated.)					
The Arts / Technology / Elective Credit	Career Cluster Alignment	**1**	**2**	**3**	**4**

Documentary Filmmaking				
Course Number	Prerequisite	Credit	Grade Level	Course Length
168	Introduction to TV Media	.5	10-12	1 semester
In this semester long course students will study the documentary film genre. This course is designed to familiarize students with the history, theory, criticism, and practice of documentary filmmaking. Students will develop critical viewing skills as they screen contemporary documentary films and participate in in-class discussions.				
The Arts / Elective Credit	Career Cluster Alignment	**1**

Film History				
Course Number	Prerequisite	Credit	Grade Level	Course Length
167	None	.5	9-12	1 semester
This semester long course will take an in-depth look at the history of the American film industry, beginning in the 1800's with the technological discovery of the medium and celluloid film, through the addition of sound, to the special effects used in the present day blockbuster and current digital revolution. Classic films having a profound impact on the film industry, will be viewed and discussed.				
Humanities / Elective Credit	Career Cluster Alignment	**1**

Introduction to the Holocaust through Film and Literature				
Course Number	Prerequisite	Credit	Grade Level	Course Length
239	None	.5	10-12	1 semester
This course will take an in-depth look at the Holocaust from events prior to, leading up to, throughout, and after the Holocaust. Using period and contemporary film and literature pieces, students will gain a background knowledge of various events relating to the Holocaust that they may never have heard of before. Classes will consist of lectures, in-class written work, journaling, film viewing, literature reading, film discussions, literature discussions, and more. This course is strongly recommended for students interested in studying history at the collegiate level.				
Humanities / Elective Credit	Career Cluster Alignment	**1**	**4**

The Holocaust in American Popular Culture				
Course Number	Prerequisite	Credit	Grade Level	Course Length
169	Teacher Recommendation with successful completion of Introduction to the Holocaust through Film and Literature	.5	10-12	1 semester
In this semester long course students will take a more in-depth look at the Holocaust and how these events are shaped by American popular culture. Using comic books, graphic novels, popular TV shows (*South Park*, *Family Guy*, *Glee*, etc.), movies (*Schindler's List*, *The Boy In The Striped Pajamas*, *Inglourious Basterds*, etc.), and Holocaust "Art", students will analyze how these things have shaped the perception and discourse of the Holocaust in American popular culture. Students who have not taken *Introduction to the Holocaust Through Film and Literature* will not be admitted.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

Conspiracy Theories				
Course Number	Prerequisite	Credit	Grade Level	Course Length
170	None	.5	9-12	1 semester
This semester-long course will take a critical look at the role played by conspiracy theories in shaping modern American culture. We will take a critical look at the psychology of conspiracism; we'll analyze the conspiracy theories behind the JFK assassination and other presidential assassinations, 9/11, the Sandy Hook school shooting, Roswell, Area 51, the Oklahoma City bombing, the moon landing, the death of Princess Diana and other celebrities, and the existence of aliens, ghosts, Bigfoot, the Illuminati and Free Masons. Lastly, we'll discuss the role and dangers that a lack of skepticism plays with an unchecked belief in conspiracy theories. **Students who have successfully completed this course may not repeat it.**				
The Arts / Elective Credit		Career Cluster Alignment	**1**	**2**	**4**

Adv. Research					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
173	Teacher Recommendation	.5	1.05	10-12	1 semester
Research Seminar is a semester-long inquiry-based intense research course designed to engage students collaboratively and individually in research that will allow students an opportunity to continue their exploration of individually chosen conspiracy theories. In this course students will "take a deep dive" into a conspiracy theory/research topic of their choosing and learn how to access, analyze, evaluate, and synthesize information to effectively create and present an evidence-based argument. *This course is modelled after AP Seminar and AP Research. Students interested in taking this course should possess strong communication and writing skills, and have the ability to work both independently and collaboratively to accomplish the established learning outcomes of the course.					
Elective Credit		Career Cluster Alignment	**1**	**2**	**4**

Charlie Chaplin – His Life and Films				
Course Number	Prerequisite	Credit	Grade Level	Course Length
154	Film History	.5	9-12	1 semester
This semester long course will explore the life of Charlie Chaplin through his films and various pieces of literature written by him and about him. Charlie Chaplin was a filmmaking pioneer, director, producer, writer, composer, and actor. Considered by many to be the first movie star, this class will take an in depth look at Chaplin's life through some of his more popular short films and features, such as The Circus, The Gold Rush, Modern Times, City Lights, and more.				
The Arts / Elective Credit		Career Cluster Alignment	**1**	

Intro. to Journalism & Media				
Course Number	Prerequisite	Credit	Grade Level	Course Length
1501	none	0.5	9-12	1 semester
This course is an overview of the different types of journalism we have in the high school. Students will learn about journalism history and law, Ap Style writing, photography, graphic design, videography, as well as online publishing platforms. This course will lead students into Intro to TV Media, News Magazine, Yearbook, and Journalism.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	

Journalism				
Course Number	Prerequisite	Credit	Grade Level	Course Length
150	88% in High School English Courses	1.0	10-12	1 year
This course offers an introduction to Journalism and how the reporting media functions and fails to function the twenty-first century. Course topics will include, but not be limited to, proper writing techniques, journalistic ethics, plagiarism, sensationalism, advertisements, subjectivity v. objectivity, formatting, and photojournalism. Students will also investigate extant examples of journalism via newspapers and magazines to uncover the elements of effective reporting. Emphasis will be placed on the function of journalistic integrity within a democratic society. In addition to the above instruction, students will be expected to assume an active role in the school newspaper, which includes writing, editing, formatting, and photographing for periodic publication.				
Humanities / Elective Credit	NCAA	Career Cluster Alignment	**1**	**4**

Adv. Yearbook					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
886	85% or better in English Courses & a Written Recommendation with officer application.	1.0	1.05	11 – 12	1 year
The Tiger Tale yearbook is a student run publication for the entire high school. Students will design, interview, photograph, and write stories. Students will also learn the basics of the computer publishing program along with page layout techniques, and editing. Grades are based on participation, effort, and quality of work completed. ***Roughly 50% of the grade is participation outside of the classroom. Students must be available to cover school events – Evenings & Weekends.*** *It is strongly advised that students have a DSLR camera and taken a Photography course prior to enrolling*					
Elective Credit		Career Cluster Alignment	**1**		

Adv. News Magazine					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
888	85% or better in English Courses & a Written Recommendation with officer application.	1.0	1.05	10 – 12	1 year
The Paw Print magazine is a student run media outlet source for the entire FASD. Students will design, interview, photograph, and write about the current happenings in our school district community for both online sources and quarterly print magazines. Students will also learn the basics of the computer publishing program along with page layout techniques, and editing. Grades are based on participation, effort, and quality of work completed. Students interested in newspaper, yearbook, sports and creative writing, photography, and graphic design are encouraged to join this staff!					
Elective Credit		Career Cluster Alignment	**1**		

Beyond the Camps: The Holocaust in Eastern Europe				
Course Number	Prerequisite	Credit	Grade Level	Course Length
165	Teacher Recommendation with successful completion of Introduction to the Holocaust Through Film and Literature	.5	10 – 12	1 semester
On June 22, 1941, Nazi Germany invaded the Soviet Union under the codename "Operation Barbarossa." This act of war sounded the death knell for the Jewish population of Eastern Europe. Approximately 2 million Jews were killed by bullets in this territory by German units and their collaborators, which represent one-third of all victims of the Holocaust. This practice of extermination is known as the "Holocaust By Bullets." In this course students will analyze, investigate, and explore these killings using state of the art research gathered by investigative teams that have been doing research in this region for the past 2 decades in hopes to combat contemporary genocides and acts of antisemitism across the globe.				
Elective Credit		Career Cluster Alignment	**1**	**2**	**4**

Adv. Investigation: The JFK Assassination					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
166	Teacher Recommendation with successful completion of Conspiracy Theories	.5	1.05	10 – 12	1 semester
The JFK assassination remains one of the most enduring and contentious events in American history, sparking numerous conspiracy theories and debates. In this course, students will embark on an intellectual journey through the events of November 22, 1963, using the assassination of President John F. Kennedy as a case study to develop and enhance their critical thinking skills, analyze complex issues, and engage in respectful debate. Students will also develop the skills to evaluate historical events, navigate conflicting narratives, and form well-reasoned conclusions based on evidence and critical thinking techniques.					
Elective Credit		Career Cluster Alignment	**1**	**2**	**4**

FAMILY & CONSUMER SCIENCE

Culinary I				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7021	None	.5	9-10	1 semester
This course is an introductory course designed to develop students' foundational knowledge and practical skills in food preparation, kitchen safety, and nutrition. Students explore the principles of culinary arts through hands-on experiences that emphasize teamwork, time management, and proper use of kitchen tools and equipment. Students will learn essential cooking techniques, recipe reading and conversion, and the importance of sanitation and food safety practices. Lessons integrate nutrition education, meal planning, and the application of consumer decision-making to create balanced, cost-effective meals. **$There is a fee associated with this course.$**				
Humanities / Elective Credit	Career Cluster Alignment	**3**	**4**	

Culinary Independence				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7023	None	.5	11-12	1 semester
Students who have taken Culinary I are not eligible to take this course. This course is an introductory course designed to prepare students for independent living through practical culinary and nutritional skills. Students develop confidence in the kitchen by applying knowledge of food preparation, kitchen safety, and healthy eating to real-life situations. Emphasis is placed on making informed decisions about food selection, budgeting, and meal planning that promote wellness, sustainability, and financial responsibility. Through a combination of discussion, demonstration, and hands-on cooking labs, students will learn to plan, prepare, and evaluate nutritious meals that meet personal, familiy, and lifestyle needs. Lessons integrate time management, consumer decision-making, and problem-solving as students explore how food choices impact overall health and quality of life. **$There is a fee associated with this course.$**				
Humanities / Elective Credit	Career Cluster Alignment	**3**	**4**	

Culinary II				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7022	Culinary I	.5	10-12	1 semester
Culinary II builds on foundational skills while introducing students to more advanced concepts in the world of food and hospitality. Students begin with a review of essential kitchen basics before moving into a hands-on baking unit focused on leavening principles and techniques. This course also explores the use of spices, herbs, and extracts to enhance flavor, as well as the preparation of pastries and basic cake decorating skills. In addition to cooking, students study the history of food, examine global food traditions and world cultures, and complete a career investigation to learn about diverse opportunities within the food industry. **$There is a fee associated with this course.$**				
Humanities / Elective Credit	Career Cluster Alignment	**3**	**4**	**5**

Healthy Eating				
Course Number	Prerequisite	Credit	Grade Level	Course Length
709	Culinary I	.5	10-12	1 semester
In this course, students will learn about the role of nutrition in improving health and applying these ideas to developing a healthy eating pattern. They will value how food choices and physical activity contribute to overall well-being. Through this process we will look closely at how eating simple, nutritious meals will make you feel healthier and more alive. **$There is a fee associated with this course.$**				
Humanities / Elective Credit	Career Cluster Alignment	**4**	**5**	

Child Development				
Course Number	Prerequisite	Credit	Grade Level	Course Length
703	None	.5	11-12	1 semester
Child Development students will study a child's physical, intellectual, social, and emotional development from conception to five years of age. This course teaches parenting and caregiving roles in relation to the developing child and guides them in the learning process. Students will engage in planning and implementing lessons and activities for preschool-age children.				
Humanities / Elective Credit	Career Cluster Alignment	**4**	**5**	

Sewing and Interior Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7024	None	.5	9-12	1 semester
This course introduces students to the creative and practical world of textiles and interior design. Students will explore the principles and elements of design as they apply to clothing, furnishings, and interior spaces. Through hands-on projects and design challenges, students will learn about color theory, fabric characteristics, room planning, and the relationship between function and aesthetics in home and fashion environments. Students will also learn basic hand stitching and sewing using a sewing machine. **$There is a fee associated with this course.$**				
Humanities / Elective Credit		Career Cluster Alignment	**3**	**4**

Fashion and Costume Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7025	Sewing and Interior Design	.5	9-12	1 semester
In the Fashion Unit students will learn the many influences on fashion trends, learn about pivotal designers, how to pick shapes and colors to flatter anyone. Students will also learn some basic principles of fashion merchandising, like identifying a target customer, writing a company mission statement that will attract people from their target market, and developing a company label and tagline. In the Costume Design Unit students will create costumes for the Spring Musical theatre productions. Students will conduct historical research to develop characters through wardrobe and accessories. Fabric effects on the stage and the impact of stage lighting on the wardrobe will be considered in the design of costumes. Students will learn basic sewing techniques, fitting a model, simple closures for quick change, up-cycling for new looks, mending costumes, steaming and prepping costumes as needed. This class will maintain the costume room. **$There is a fee associated with this course.$**				
Humanities / Elective Credit		Career Cluster Alignment	**3**	**4**

Financial Literacy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
599	None	.5	11-12	1 semester
Financial Literacy is a one semester course that will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lives and understand personal financial responsibility.				
Financial Literacy Credit – Graduation Requirement		Career Cluster Alignment	✓	

PHYSICAL EDUCATION / HEALTH

Health				
Course Number	Prerequisite	Credit	Grade Level	Course Length
739	None	.5	9	1 semester
While learning about health literacy, students will apply skills to lead to better decision making in relation to their health and wellness. Major topics to be discussed include Foundations of Health, Skin Cancer, Heart Disease, Nutrition, Reproductive Health, Suicide Prevention and Awareness, Stress Management, and Substance Abuse. Current health topics will be discussed throughout the course.				
Health Credit		Career Cluster Alignment		✓

PE-9				
Course Number	Prerequisite	Credit	Grade Level	Course Length
721	None	.5	9	1 semester
Through strategic leadership, fitness, and performance evaluation students will be provided with knowledge and be encouraged to develop skills and techniques that will enable them to be active and lead a healthy life now and throughout their lifetime. Grades will be based on, but not limited to class participation, attitude, activity performance, and unit assessments. Enthusiastic participation is paramount.				
PE Credit		Career Cluster Alignment		✓

Sports & Fitness				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7668	PE-9	.5	10	1 semester
If you like working out, enjoy fitness, and participating in games, this is the course for you. In this course students will be focusing on fitness through a variety of activities and gaining exposure and experience to fitness trends. Part of this course will focus on weight training and building on the fundamentals learned in 9th grade PE, as well as activities and learning about the role activities have on your fitness and health. Although students may choose a course of interest (that qualifies for PE credit), this course will prepare students for the following **11th grade courses: Strength and Conditioning 1 and Fitness Through Sport**.				
PE Credit		Career Cluster Alignment		✓

Sports Roles				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7667	PE-9	.5	10	1 semester
In this course students will be introduced to the different roles they may have while being involved in athletic competitions. We will be building on the skills learned in 9 PE to be a productive citizen. Game management skills will be focused and built upon, emphasis on leadership, and being a positive role model evaluating different roles in sports through activity. Although students may choose a course of interest (that qualifies for PE credit), this course will prepare students for **Intro to Coaching.**				
PE Credit		Career Cluster Alignment		✓

Fitness and the Mind				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7669	PE-9	.5	10	1 semester
This course is designed for the non-competitive student to learn how to be physically active as well as to help manage their stress. Through a variety of activities students will learn ways to be flexible and creative while being active and keep moving. The focus will be on how activity can impact your overall health and wellness throughout your life. Although students may choose a course of interest (that qualifies for PE credit), this course will prepare students for the following **11th grade courses: Fitness through Ages, Managing Stress through Physical Activity.**				
PE Credit		Career Cluster Alignment		✓

Fitness Through Sport				
Course Number	Prerequisite	Credit	Grade Level	Course Length
767	Progressive Coursework	.5	11-12	1 semester
Fitness Through Sports will educate students about the health and skill related components of fitness and training methods needed to create a personalized fitness plan in order to maintain an active and healthy lifestyle. This class will allow students to participate in different activities and games while focusing on the skill and health components of fitness. Classes will be energetic, competitive and fun while learning about different strategies to improve overall performance. Students will also have the opportunity to create a personalized fitness program based on the knowledge they have learned and have applied while taking this class that suits each student's individual needs.				
PE/Elective Credit		Career Cluster Alignment		**2** **3** **4** **5**

Intro to Coaching				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7661	Progressive Coursework	.5	11-12	1 semester
Intro to Coaching will focus on the various responsibilities of a coach and the skills needed to successfully fill this important position. Throughout the course, students will explore various coaching models and leadership styles, as well as safety, conditioning, and cross-training. Students will learn effective communication, problem-solving, and decision making skills. The course will also introduce students to game strategy, tactical strategy, skills-based training, and coaching ethics. Students will learn how film study can be used to strategize, organize, and prepare teams for competition.				
PE/Elective Credit	Career Cluster Alignment	**1**	**2**	**3** **4** **5**

Strength & Condition I: Training Principles				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7752	Progressive Coursework	.5	11-12	1 semester
In this course, students will develop an understanding of the physiology of the body and muscles and how that corresponds to maximizing the benefits of working out. Students will be exposed to many philosophies and principles of weight training so that they can create an individualized fitness plan. Students will have the opportunity to execute their fitness plan and evaluate their goals, progress, and fitness plan throughout the course.				
PE/Elective Credit	Career Cluster Alignment	**1**	**2**	**3** **4** **5**

Strength & Conditioning II: Personal Training				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7751	Progressive Coursework and Strength & Conditioning I	.5	11-12	1 semester
In this course, students will learn the impact and correlation nutrition has to performance and fitness goals. Students will examine the role and responsibilities of a personal trainer, learn the steps to becoming a personal trainer, assess fitness levels, and design safe and effective workouts. Concepts of communication and motivation will be discussed, as well as exercise modifications and adaptations for special populations. Students will also examine certification requirements, business and marketing procedures, and concerns about liability and ethics. In addition, throughout the course students will be able to explore various exercises, equipment, and tools that can be used for successful personal training.				
Elective Credit	Career Cluster Alignment	**1**	**2**	**3** **4** **5**

Fitness through the Ages				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7662	Progressive Coursework	.5	11-12	1 semester
This course is designed for students to have fun while achieving a greater understanding of health and wellness for all ages, explore various leadership skills, as well as educate others on the importance of being physically active during their lifetime. In addition, this course will combine classroom and activity time so that students can *actively* engage in designing and implementing a fitness activity/program to share with others. In addition, students will investigate careers to gather information or skills that can be applied to future college and career resumes.				
PE/Elective Credit	Career Cluster Alignment	**1**	**2**	**3** **4** **5**

Managing Stress through Physical Activity				
Course Number	Prerequisite	Credit	Grade Level	Course Length
7663	Progressive Coursework	.5	11-12	1 semester
Stress is everywhere in your life and studies have proven a great way to manage stress is with physical activity. In this course, students will participate in recreational and non-competitive activities to help them learn about stress, factors that cause stress, and learn various ways to manage stress. The goal is for students to learn how to live a healthy lifestyle to better handle situations in order to assist in attaining personal goals. In this course, students will analyze individual stress factors, then create and implement a wellness plan that offers ways to best handle stress.				
PE/Elective Credit	Career Cluster Alignment	**1**	**2**	**3** **4** **5**

Ultimate Physical Education				
Course Number	Prerequisite	Credit	Grade Level	Course Length
780	85% or higher in all P.E. classes or Teacher Recommendation	.5	10-12	1 semester
This course is designed for the highly motivated student looking for more competitive exercise and competition. Instruction will focus on rule interpretations, officiating, and higher level skill concepts/game play. Students will be expected to participate competitively on a daily basis. Conditioning will also be a primary component of the class.				
Elective Credit		Career Cluster Alignment	**4**	**5**

Aerobic Dance				
Course Number	Prerequisite	Credit	Grade Level	Course Length
779	85% or higher in all P.E. classes or Teacher Recommendation	.5	10-12	1 semester
This course will offer variety of modern and traditional dances that can be enjoyed at any age along with aerobic activities that can enhance an individual's physical fitness level. Individuals will experience different avenues of fitness/exercise to prolong lifelong fitness.				
Elective Credit		Career Cluster Alignment	**1**	**4**

Net Games				
Course Number	Prerequisite	Credit	Grade Level	Course Length
769	85% or higher in all P.E. classes or Teacher Recommendation	.5	10-12	1 semester
This course will offer numerous net games activities that can be played at varying competitive levels. It will involve competition between two teams using a net. Individuals will experience different activities to enhance lifelong fitness. Course activities include, but are not limited to: tennis, badminton, pickle ball, eclipse ball, Nitro Ball, ping pong, soccer volleyball, and volleyball.				
Elective Credit		Career Cluster Alignment	**4**	**5**

COMPUTER SCIENCE

Introduction to Computer Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3512	Algebra I	.5	9-12	1 semester
This course is an introduction to computer science using the CMU CS Academy and/or Computer Science Discoveries by Code.org. By using a graphical design model, students will be introduced to the world of computer science through a fun and engaging computational problem-solving approach. After completing Introduction to Computer Programming, students can go on to learn other individual programming languages that build on concepts learned in this class but are tailored to specific computer science areas. These areas include, but are not limited to, app development, video game design, and cybersecurity.				
Elective / Technology Credit		Career Cluster Alignment		**1 2 3 5**

Computer Programming: Python				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3513	Introduction to Computer Science	.5	9-12	1 semester
This course is a journey into the programming language Python and it builds upon foundations established in Intro to Computer Science. Python is a scripting language that is often used for creating Web applications and dynamic Web content. Python is also supported by many 2D and 3D imaging programs.				
Elective / Technology Credit		Career Cluster Alignment		**1 2 3 5**

Computer Programming: C++				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3514	Introduction to Computer Science	0.5	9-12	1 semester
This course is a journey into the programming language C++ and it builds upon foundations established in Intro to Computer Programming. C++ is a general purpose, object oriented language that is built around the concepts of abstraction, inheritance, encapsulation, and polymorphism. C++ is highly portable and is often the language of choice for multi-device, multi-platform app development.				
Elective / Technology Credit		Career Cluster Alignment		**1 2 3 5**

Computer Programming: Java				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3515	Introduction to Computer Science	0.5	9-12	1 semester
This course is a journey into the programming language Java and it builds upon the foundations established in Intro to Computer Science. Java is a general-purpose, object-oriented language that is designed to run on various devices with few dependencies. Java is the current language of the Computer Science A AP Exam and is the closest match to the pseudocode used in certification exams such as the Praxis exam.				
Elective / Technology Credit		Career Cluster Alignment		**2 3 5**

Computer Programming: HTML/CSS				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3517	Introduction to Computer Science	.5	9-12	1 semester
This course is a journey into the programming languages of HTML and CSS, and it builds upon the foundations established in Intro to Computer Science. HTML and CSS go hand in hand in the development of websites and web applications.				
Elective / Technology Credit		Career Cluster Alignment		**1 2 3** 5

Computer Programming: JavaScript				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3524	Introduction to Computer Science	0.5	9-12	1 semester
This course is a journey into the programming language JavaScript and it builds upon foundations established in Intro to Computer Programming. JavaScript is a scripting or programming language that allows you to implement complex features on webpages. This course will be run on CodeHS and will use game design as its platform.				
Elective / Technology Credit		Career Cluster Alignment		**2 3 5**

Problem Solving and Critical Thinking Through Computer Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3520	Introduction to Computer Science, at least (1) course of Computer Programming, or Teacher Recommendation	.5	10-12	1 semester
This course is designed to be a student-guided, project-based, extension and exploration into areas of computer science that have not yet been offered. Concepts that can be studied include, but are not limited to, contests in computer programming, contests in cybersecurity, development with Raspberry Pi, and development with Arduino.				
Elective / Technology Credit		Career Cluster Alignment	**2** **3** **5**	

AP Computer Science Principles					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
3521	Algebra I and Introduction to Computer Science, or Teacher Recommendation	1.0	1.10	10-12	1 year
This is an AP course with a broad look into Computer Science and will follow the AP Computer Science Principles Framework. Topics that will be covered include, but are not limited to, Digital Information, The Internet, Programming, Data Analysis, Cybersecurity, Apps, Digital Forensics, and Communications. The use of Performance Tasks and Online Tools will be a large part of this course. The taking of the AP Exam is strongly encouraged.					
Elective / Technology Credit	NCAA	Career Cluster Alignment	**2** **3** **5**		

AP Computer Science A					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
3518	Algebra I and Introduction to Computer Science, or Teacher Recommendation	1.0	1.10	10-12	1 year
This is an AP course that delves into the concepts and tools of Computer Science through the platform of Java Programming Language. Topics that will be covered include, but are not limited to, Primitive Types, Using Objects, Boolean Expressions, If Statements, Iteration, Classes, Arrays, Lists, Inheritance, and Recursion. The taking of the AP Exam is strongly encouraged.					
Elective / Technology Credit	NCAA	Career Cluster Alignment	**2** **3** **5**		

Intro. to Cybersecurity				
Course Number	Prerequisite	Credit	Grade Level	Course Length
360	none	.5	9-12	1 semester
Using Cyber.org and the CyberRange, students will work in a controlled environment to learn the concepts of cybersecurity. This is the 1st part of a two-part course designed to prepare students to take the CompTIA Security+ Certification Exam. Topics will include: Linux OS, Forensics, Passwords, Encryption and Cryptography, Authentication and Security, Social Engineering, Threat Vectors, and Malware and Attacks.				
Elective / Technology Credit	Career Cluster Alignment	**1** **2** **3** **5**		

Adv. Cybersecurity					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
361	Intro. to Cybersecurity	.5	1.05	9-12	1 semester
Using Cyber.org and the CyberRange, students will work in a controlled environment to learn concepts of cybersecurity. This is the 2nd part of a two-part course designed to prepare students to take the CompTIA Security+ Certification Exam. Topics will include: Malware and Attacks, Architecture and Design, Network Security, Mobile Devices and PKI, Governance, Risk, and Compliance, and Law.					
Elective / Technology Credit	Career Cluster Alignment	**1** **2** **3** **5**			

Intro. to Game Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
362	none	.5	9-12	1 semester
Using the Unity Gaming Engine, students will learn the basics of game design focusing on games like Flappy Bird, Google Dino Run, The Legend of Zelda, etc.... The main focus of this course will be 2D game design. Students will explore the history and style of video games and create some of their own.				
Elective / Technology Credit		Career Cluster Alignment	**1** **2** **3** **5**	

Adv. Game Design					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
363	Intro. to Game Design	.5	1.05	9-12	1 semester
Using the Unity Gaming Engine, students will learn game design, picking up where Intro left off and focusing on a 3D environment. Topics will include: shaders, lighting, animation, 3D Environment Interaction. Students will continue to explore more modern video games and create some of their own.					
Elective / Technology Credit		Career Cluster Alignment	**1** **2** **3** **5**		

Discrete Math for Computer Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
323	Successful completion of Algebra I, Algebra II, and Geometry	.5	11-12	1 ~~s~~emester
This class will explore areas of math not usually covered in a typical math class, such as those used in Computer Science. We will cover topics such as graph theory, set theory, cryptography, logic, and problem solving. This class is designed to branch out into the everyday uses of math.				
Elective Credit		Career Cluster Alignment	**2** **3** **5**	

MATHEMATICS DEPARTMENT

Students must complete 3 courses (credits) of Math Credit while in High School.

Pre-Algebra				
Course Number	Prerequisite	Credit	Grade Level	Course Length
302	Teacher/District Recommendation only	1.0	9	1 year
The following topics will be taught: real numbers and exponents, expressions and equations, functions, geometry, and statistics.				
Math Credit		Career Cluster Alignment		✓

Algebra I (Student will earn High School Elective Credit for Algebra I taken at the Middle School – this will not be calculated in GPA)				
Course Number	Prerequisite	Credit	Grade Level	Course Length
301	None	1.0	9 & 10	1 year
The areas covered are polynomials and algebraic functions; solving linear and quadratic equations, inequalities with applications, graphing linear equations; powers, roots and radicals.				
Math Credit	NCAA	Career Cluster Alignment		✓

Algebra II				
Course Number	Prerequisite	Credit	Grade Level	Course Length
321	Algebra I	1.0	9 & 10	1 year
This course starts with a review of Algebra I. Subsequent topics include negative exponents, rational and irrational expressions, quadratic equations, functions and relations.				
Math Credit	NCAA	Career Cluster Alignment		✓

Honors Algebra II					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
320	95% in Algebra I and/or teacher recommendation	1.0	1.05	9	1 year
A brief review of Algebra I is followed by a study of irrational and complex numbers, quadratic equations and functions, variation, polynomial equation, analytic geometry, exponential and logarithmic functions, sequences and series, statistics and probability.					
Math Credit	NCAA	Career Cluster Alignment			✓

Geometry				
Course Number	Prerequisite	Credit	Grade Level	Course Length
311	Algebra II or teacher recommendation	1.0	11	1 year
Examines the properties of plane and solid geometric figures such as points, triangles, quadrilaterals, circles and pyramids. The nature of logic and proofs is explored. Also, the basic coordinate geometry is explored as well as area and volume of many of the geometric figures.				
Math Credit	NCAA	Career Cluster Alignment		✓

Honors Geometry					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
310	80% in Honors Algebra II and/or teacher recommendation 95% in Algebra II and/or teacher recommendation	1.0	1.05	10	1 year
Examines the properties of plane and solid geometric figures such as points, triangles, quadrilaterals, circles and pyramids. The nature of logic and proofs is emphasized, especially with respect to congruent and similar figures. Also, basic coordinate geometry is explored as well as area and volume of the many geometric figures.					
Math Credit	NCAA	Career Cluster Alignment			✓

Pre-Calculus with Trigonometry				
Course Number	Prerequisite	Credit	Grade Level	Course Length
3290	80% in Algebra II and Geometry	1.0	11-12	1 year
This course continues work with polynomial, rational, exponential, and logarithmic functions. It also includes extensive work with the trig functions, solutions to triangles, identities, vectors and polar coordinates. ***Graphing calculator is required for this course. (TI-84 family is recommended)***				
Math / Elective Credit	NCAA	Career Cluster Alignment	**2**	**3** **5**

Honors Pre-Calculus with Trigonometry					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
3291	80% in both Honors Algebra II and Honors Geometry or 95% in Algebra II and Geometry and/or teacher recommendation	1.0	1.10	11-12	1 year
This course continues work with polynomial, rational, exponential, and logarithmic functions. It also includes extensive work with the trig functions, solutions to triangles, identities, vectors and polar coordinates. This course is designed for those moving on to Honors or AP Calculus. ***Graphing calculator is required for this course. (TI-84 family is recommended)***					
Math / Elective Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**2**	**3** **5**

Statistics				
Course Number	Prerequisite	Credit	Grade Level	Course Length
334	Completed Algebra I, Algebra II and Geometry or teacher recommendation	1.0	11-12	1 year
Students will develop an understanding of statistical concepts by analyzing real data. Topics studied include data collection, drawing conclusions, summarizing data, normal distributions, and inference from data. Technology will be used heavily in the course. ***Graphing calculator is required for this course. (TI-84 family is recommended)***				
Math / Elective Credit	NCAA	Career Cluster Alignment	**1**	**2** **3** **4** **5**

AP Statistics					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
336	80% in Honors Algebra II or 90% in Algebra II or Teacher Recommendation	1.0	1.10	11-12	1 year
Students will develop an understanding of statistical concepts by analyzing real data. Topics studied include one-variable data, two-variable data, collecting data, probability, random variables, probability distributions, sampling distributions, inference, proportions, means, chi-square, slopes, and ANOVA. Technology will be used heavily in this course. Students are encouraged to take the AP Statistics Exam. ***Graphing calculator is required for this course. (TI-84 family is recommended)***					
Math / Elective Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**1**	**2** **3** **4** **5**

Honors Calculus					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
341	80% in Honors Pre-Calculus or 90% in Pre-Calculus	1.0	1.10	12	1 year
A study of limits and introduction to differential and integral calculus with applications. The students will be introduced to concepts which are dealt with in college Calculus I and II. ***Graphing calculator is required for this course. (TI-84 family is recommended)***					
Math / Elective Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**2**	**3** **5**

AP Calculus (Level AB)					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
340	90% in Honors Pre-Calculus or 95% in Pre-Calculus	1.0	1.10	12	1 year
A study of limits and introduction to differential and integral calculus with applications. The students will be introduced to concepts which are dealt with in college Calculus I and II. Students are expected to take the AP Level AB Exam. ***Graphing calculator is required for this course. (TI-84 family is recommended)***					
Math / Elective Credit *See Dual Enrollment Page 3* NCAA			Career Cluster Alignment	**2** **3** **5**	

Financial Literacy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
599	None	.5	11-12	1 semester
Financial Literacy is a one semester course that will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lives and understand personal financial responsibility.				
Financial Literacy Credit – Graduation Requirement		Career Cluster Alignment		✓

MUSIC DEPARTMENT

Students with special interests or talents in music are encouraged to enroll in music courses: instrumental, vocal and theory. Students enrolled in classes which have performing groups are required to attend all rehearsals and school programs/concerts.

Band				
Course Number	Prerequisite	Credit	Grade Level	Course Length
811	None	1.0	9-12	1 year
Students learn a wide variety of music to be performed at the Winter and Spring Concerts as well as the annual Presto event. Students may also participate in the Marching Band (which performs at Football games and Parades), Jazz Band, Pep Band and Pit Orchestra for the musical as well as numerous chamber ensembles. The band participates in the Music Department Trip and for various school and community functions. **The schedule for band, chorus and orchestra rotates in such a way to allow student participation in 1, 2, or all 3 performance-based classes.**				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Chorus				
Course Number	Prerequisite	Credit	Grade Level	Course Length
813	None	1.0	9-12	1 year
Students learn a wide variety of music to be performed at the Winter and Spring Concerts as well as the annual Presto event. Students learn and rehearse for performances and are encouraged to audition for County and/or District Chorus festivals. The Chorus also participates in the Music Department Trip. Students do have the opportunity to participate in small, auditioned choirs, such as Choraliers, Women's Chorus (for female singers), and/or Men's Chorus (for male singers). **The schedule for band, chorus and orchestra rotates in such a way to allow student participation in 1, 2, or all 3 performance-based classes.**				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Orchestra				
Course Number	Prerequisite	Credit	Grade Level	Course Length
808	None	1.0	9-12	1 year
Students learn a wide variety of music to be performed at the winter and spring concerts as well as the annual Presto event. The orchestra participates in the Music Department Trip. Students do have the opportunity to participate in the Pit Orchestra for the musical in the spring. Students are encouraged to audition for and participate in Jr. and Sr. County Orchestra, District Orchestra, and the Reading Symphony Youth Orchestra. **The schedule for band, chorus and orchestra rotates in such a way to allow student participation in 1, 2, or all 3 performance-based classes.**				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Band, Chorus and Orchestra				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8122	None	1.0	9-12	1 year

Orchestra and Chorus				
Course Number	Prerequisite	Credit	Grade Level	Course Length
809	None	1.0	9-12	1 year

Band and Chorus				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8123	None	1.0	9-12	1 year

Band and Orchestra				
8124	Prerequisite	Credit	Grade Level	Course Length
	None	1.0	9-12	1 year

Music Theory – Elements of Music				
Course Number	Prerequisite	Credit	Grade Level	Course Length
819	None	.5	9 - 12	1 semester
This course is designed for the student who has little or no experience in reading or understanding music but has a desire to learn. We will not only learn the basics of music (note names and values, key, and time signature, chords, and the elements of composition), but will also study some of the different styles of music, including traditional classical, jazz, and the pop/rock styles.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Jazz Studies				
Course Number	Prerequisite	Credit	Grade Level	Course Length
822	Must play an instrument, must be able to read music, involvement in Jazz Band is encouraged.	.5	9-12	1 semester
A course for any musician who loves learning about and performing jazz music. Students will collaborate to learn more about the art of performing jazz music through the study of jazz styles, current trends, and improvisation. This class could lead to performance opportunities as well as working with great artists.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Jazz to Rock and Roll				
Course Number	Prerequisite	Credit	Grade Level	Course Length
818	None	.5	9-12	1 semester
Students will learn how genres such as jazz, folk, R&B, and swing contributed to the development of rock and roll through the use of recordings, films, and texts, we will explore the origins of American popular music, it's most important artists and the impact that music has had on society.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Music Theory				
Course Number	Prerequisite	Credit	Grade Level	Course Length
820	Must be enrolled in a Music Ensemble	.5	9-12	1 semester
A course which deals in the materials of musical construction-melody, rhythm, harmony, part writing and ear training. Must be a Band, Chorus, or Orchestra student. Students in this course will have the opportunity to work on projects in our music technology lab with the latest music software and equipment.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Adv. Music Theory					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
821	Music Theory I	.5	1.05	9-12	1 semester
A continuation of Theory I, delving more deeply into harmony, ear training and part writing.					
The Arts / Elective Credit		Career Cluster Alignment			**1**

World Music				
Course Number	Prerequisite	Credit	Grade Level	Course Length
825	None	.5	10-12	1 semester
Music from African, Asian, Indian and Hispanic cultures will be the focus of this course. Students will learn about non-Western instruments, scale patterns, and rhythmic patterns through in-class reading assignments, listening, movement activities, documentaries, and playing of instruments.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Class Piano				
Course Number	Prerequisite	Credit	Grade Level	Course Length
826	None. It is highly recommended that students enrolled in the class have a basic knowledge of reading music.	.5	9-12	1 semester
Ever want to learn how to play the piano? Here's your chance! *This is a beginner-level piano course*: students will learn scale/fingering patterns and technique for both the right and left hands, as well as simple 1 and 2-hand songs. This course will be taught in our music technology lab.				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Instrumental Music: Guided Practice				
Course Number	Prerequisite	Credit	Grade Level	Course Length
827	None	.5	9-12	1 semester
This course is for any student who would like to learn or improve upon their instrumental music skills. Students will be able to move at their own pace as they meet daily to practice and receive individual guidance on their instrument. Whether you're trying to learn a new instrument or trying to make it to All-State Band, this course is for you!				
The Arts / Elective Credit		Career Cluster Alignment		**1**

Music Technology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
828	None	.5	9-12	1 semester
Students will work in our music technology lab with the latest music software and equipment. In this course, students will explore many facets of music technology such as composing electronic music, music and sound in film, recording/editing audio and much more!				
The Arts / Technology / Elective Credit		Career Cluster Alignment		**1**

Vocal Music: Guided Practice				
Course Number	Prerequisite	Credit	Grade Level	Course Length
829	None	.5	9-12	1 semester
This course is for any student who would like to improve upon their vocal music skills. Students will be able to move at their own pace as they meet daily to practice and receive individual coaching on their vocal technique. Whether you're trying to gain confidence as a beginning singer or trying to make it to All-State Chorus, this course is for you!				
The Arts / Elective Credit		Career Cluster Alignment		**1**

SCIENCE DEPARTMENT

The science program in the high school is designed to meet the needs of students who have varying degrees of interest, need, and capability in science. Each student must earn a minimum of three credits in science as a requirement for graduation.

Students must earn 1-full credit in each of the 3 (three) Core Science areas listed below.

Core Science: Earth & Space Science

Earth and Space Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
401	None	1.0	9	1 year
This earth and space science course presents an opportunity for the student to investigate and apply critical thinking and concept development to the fields of geology, oceanography, astronomy, and meteorology.				
Science Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Accelerated Earth and Space Science					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
400	90% average in 8th grade high ability Science or 93% average in 8th grade Science and PVAAS Projection of 70% Advanced	1.0	1.05	9	1 year
Course requirements will include the same requirements as Course 401 plus a more intensive and in-depth treatment of the subject. Activity and assignment work in critical thinking, interpreting and applying, and some research and project work, will be involved. **Summer work may be required.**					
Science Credit	NCAA	Career Cluster Alignment	**3**	**4**	**5**

Core Science: Life Science

Biology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
411	Earth and Space Science or Accelerated Earth and Space Science	1.0	10	1 year
The Biology course has various themes, all of which are explored and then related to the whole. The history of biological concepts, molecular basis of life, cellular organization and function, genetics and heredity, evolution and the interactions of organisms in the world around them. This course includes inquiry-based labs, hands on activities, and projects as ways for students to apply what they have learned. This course has a culminating Keystone Biology Exam.				
Science Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Accelerated Biology					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
409	90% average Earth and Space Science or 86% in Accelerated Earth and Space Science.	1.0	1.10	10	1 year
Accelerated Biology is an introductory course designed for students who are planning a career in science as well as a foundational course for students who plan to take AP Biology. The major concepts of Biology will be explored which will include such topics as biochemistry and the molecular basis of life, cellular organization and function, genetics and heredity, evolution and the origin of life, and the interactions of organisms with their environment. Lab experiments will reinforce course concepts, and students will be expected to utilize critical thinking skills and methods of scientific inquiry to further their knowledge of science as a process. **Summer work may be required.** This course has a culminating Keystone Biology Exam.					
Science Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	**3**	**4** **5**

Core Science: Physical Science

Chemistry: Career & College Prep				
Course Number	Prerequisite	Credit	Grade Level	Course Length
422	Algebra I	0.5	11-12	1 semester
This is a comprehensive chemistry course designed to provide the student with a good foundation in the core principles of chemistry. Emphasis is placed on the practical application of chemistry using skills such as critical thinking, pattern recognition, and problem solving. Hands-on projects and laboratory exercises will connect the chemistry concepts to real world situations. The course focuses on the structure of atoms, properties of matter, and the changes they undergo. Course lessons will build the scientific literacy of students, preparing them to be informed citizens in society. **This course must be taken with 'Physics: Career & College Prep'**				
Science / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Physics: Career & College Prep				
Course Number	Prerequisite	Credit	Grade Level	Course Length
432	Algebra I	0.5	11-12	1 semester
This course teaches students basic core principles of physics and connects them to the broader society in accordance with the STEELS standards. The core principles include Forces & Interactions, Energy, and Waves & Electromagnetic Radiation. Students develop skills in building & analyzing scientific models, designing & engineering solutions, and evaluating & constructing arguments based on evidence. **This course must be taken with 'Chemistry: Career & College Prep'**				
Science / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Chemistry				
Course Number	Prerequisite	Credit	Grade Level	Course Length
421	80% average in Algebra I	1.0	11-12	1 year
This course explores mathematical relationships within matter and the changes matter undergoes. In the laboratory, students experience these relationships firsthand by observing and measuring changes in matter. Topics of study include the types of matter and its physical changes, as well as the structure of matter and its chemical changes. The main focus is on problem-solving and it encourages students to relate the principles of chemistry to their everyday lives. This course provides a sound basis for further chemistry study in high school and college.				
Science / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Accelerated Chemistry					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
426	90% in Algebra I or 85% in Honors Algebra	1.0	1.05	11-12	1 year
Accelerated Chemistry is a course specially designed as a prerequisite to taking AP Chemistry. An intensive course designed to provide the student with a good foundation for future study in the fields of chemistry, biology, medicine or dentistry. Emphasis is placed on higher level thinking skills such as critical thinking, problem solving and application. In addition, extensive laboratory exercises will be performed. The course deals with the inorganic world including chemistry mathematics, chemical nomenclature, atomic and molecular structures, stoichiometry, periodic law and its applications, acids and bases, solutions, and the gas laws. **Summer work may be required.**					
Science / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**	

Physics				
Course Number	Prerequisite	Credit	Grade Level	Course Length
431	Algebra II	1.0	11-12	1 year
Students looking to be well rounded and possess strong critical thinking skills should take physics. This course will cover the Pennsylvania STEELS Standards in physics and will prepare students for college level work. We will explore the fundamental laws of nature that govern everything from the interactions of planets and galaxies to the motion of atoms. Physics is an applied mathematics course meaning algebra will be used every step of the way through the course. Recommended for students who want an exceptional college preparatory experience.				
Science / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

AP Physics C: Mechanics					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
428	AP Calculus (or concurrent enrollment in AP Calculus AB)	1.0	1.10	11-12	1 year
This advanced physics course is designed for anyone looking to go into engineering or the mathematical sciences in college. This is a calculus-based course, but no prior calculus experience is required. We will complete a deep dive into kinematics, dynamics, statics, and simple harmonic motion. Taking AP Physics is one of the best ways to prepare you for higher levels of critical thinking, numerical analysis, and scientific reasoning.					
Science / Elective Credit *See Dual Enrollment Page 3* NCAA		Career Cluster Alignment		**3** **4** **5**	

Elective Science

Astronomy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
460	Earth & Space Science or Accelerated Earth and Space Science	.5	10-12	1 semester
A nonmathematical coverage of the applied concepts such as location, history, motion, instruments, and exploration used to explore and explain our universe. Research projects and discussion will be a large part of the course.				
Elective Credit NCAA		Career Cluster Alignment		**3** **4** **5**

AP Biology					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
440	95% in Biology or 90% in Accelerated Biology, Teacher Recommendation and must have scored Proficient or Advanced on the Biology Keystone	1.0	1.10	11-12	1 year
AP Biology is an intense biology course designed for only those students who plan to major in science in college. The main focus of the course will be on analytical thinking, laboratory processes and biological theory. Students will be required to complete independent work outside class. The AP test for college credit will be taken at the end of the year. **This class may meet after school one day per cycle.**					
Science / Elective Credit *See Dual Enrollment Page 3* NCAA		Career Cluster Alignment		**3** **4** **5**	

Biology II					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
441	Biology or Accelerated Biology	1.0	1.05	11-12	1 year
An advanced science elective, Biology II covers six areas of biology in depth with the intent of preparing students for college level work. Botany is a study of plants, their parts, function, and economic importance. Anatomy is the study of body structure as learned primarily through dissection of the shark. Genetics studies the structure and function of DNA, inheritance of traits, family trees, statistical analysis, and current research in the field. Embryology compares development of the frog, chick, and mammal. A fetal pig is dissected to show the mammalian level of development. Microbiology is the study of viruses, bacteria, fungi, and their importance to causing disease as well as their economic importance. Ecology is the study of life and the environment.					
Science / Elective Credit NCAA		Career Cluster Alignment		**3** **4** **5**	

Chemistry II					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
451	88 % in Chemistry or 85% in Accelerated Chemistry and Algebra II and Teacher Recommendation.	1.0	1.05	12	1 year
This course is designed to reinforce and further the principles and skills of chemistry. Topics include solution chemistry, acids, bases, equilibrium, biochemistry, thermodynamics, and kinetics. This higher-level course will provide students with a significant background in chemistry concepts to promote further scientific study in the future. The students will complete a research project in their chosen and teacher-approved area of study. Related lab activities will emphasize the application of content-specific skills critical to the study of chemistry.					
Science / Elective Credit NCAA		Career Cluster Alignment		**3** **4** **5**	

AP Chemistry					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
450	95% in Chemistry or 90% in Accelerated Chemistry and Teacher Recommendation	1.0	1.10	12	1 year
AP Chemistry is an intense chemistry course designed for students who plan on majoring in science in college or who would like to receive college credit in science as non-science majors. The main focus of the course will be on analytical thinking, laboratory process and chemistry theory which includes molecular structure, thermodynamics, acids, bases and salts, polarity, kinetics, chemical equilibrium and electrochemistry. The AP test for college credit will be taken at the end of the year. **This class may meet after school one day per cycle.**					
Science / Elective Credit	NCAA	Career Cluster Alignment		**3**	**4** **5**

Environmental Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
419	Earth & Space Science and Biology	1.0	11-12	1 year
This course explores the interactions between natural systems and human systems that drive the ecological and environmental issues of the planet. Topics of study include watersheds, wetlands, natural resources and agriculture specifically as they pertain to human interactions with the biosphere. The course will also examine the positive and negative impacts that humans have on the environment and the policies enacted to address environmental and ecological concerns. This course provides a sound basis for further environmental science studies in college.				
Science Credit / Elective Credit	NCAA	Career Cluster Alignment	**3**	**4**	**5**

Forensic Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
465	Biology or Accelerated Biology	.5	11-12	1 semester
This course is designed as an introduction to forensic science, which is the application of scientific methods and techniques to problems in the context of crime and the legal system. Topics of study include: processing a crime scene; categorizing types of evidence; processing physical evidence, including fibers, glass and soil, through chemical and physical means; microscopy; toxicology; and processing blood, DNA and fingerprint evidence. The course will rely heavily on laboratory exercises.				
Elective Credit	NCAA	Career Cluster Alignment	**3**	**4**	**5**

Human Anatomy and Physiology					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
455	88% in Biology and Chemistry (or concurrent enrollment in Chemistry), Teacher Recommendation.	1.0	1.10	11-12	1 year
This course is directed to students seeking occupations in the health or science field. Lessons will focus on the general plan of the human body, concentrating on the body's cells, tissues and organ systems.					
Science / Elective Credit	*See Dual Enrollment Page 3* NCAA	Career Cluster Alignment		**3**	**4** **5**

Marine Science				
Course Number	Prerequisite	Credit	Grade Level	Course Length
461	Earth & Space Science or Accelerated Earth and Space Science	.5	10-12	1 semester
This course reviews the basic concepts of oceanography and approaches the marine environment from an ecological, zoological, chemical and physical perspective. The course will involve various laboratory activities as well as several animal dissections.				
Elective Credit	NCAA	Career Cluster Alignment	**3**	**4**	**5**

Meteorology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
463	Earth & Space Science or Accelerated Earth and Space Science	.5	10-12	1 semester
This course focuses on the dynamic nature of the Earth's atmosphere. You will explore the properties of air masses and their interactions which produce weather fronts, clouds, storms, and precipitation. Past Ice Ages and the Earth's current warming period will be analyzed. Student developed presentations are a requirement.				
Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

Paleontology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
462	Earth & Space Science or Accelerated Earth and Space	.5	10-12	1 semester
This course takes a closer look at the geological time periods of the earth's history and the biological and physical events that took place. Life during these periods, such as dinosaurs, will also be discussed. Fossil sample study and lab activities are an integral part of the course.				
Elective Credit	NCAA	Career Cluster Alignment	**4**	**5**

Science Fact, Science Fiction: The truth about phasers, lasers and droids				
Course Number	Prerequisite	Credit	Grade Level	Course Length
468	Biology and concurrent enrollment in Chemistry or Physics	.5	11-12	1 semester
Many times works of science fiction contain elements of science which are incorrect or are exaggerated into fantasy. This course will discover and discuss the bad science involved in science fiction, as well as, examining science fiction books and films for technologies which at one time were a fantasy and are now realities. In addition, works will be discussed to discover those technologies which may or may not be a possibility in the future. Topics of discussion will cover Biology, Chemistry, Physics and applied technologies in each of those areas.				
Elective Credit		Career Cluster Alignment	**3**	**4** **5**

Zoology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
459	None	.5	9-12	1 semester
This course is designed as an introduction to zoology, which is the study of animals. The course will cover all animal phyla from the simplest invertebrate up through the most complex vertebrates. Each group of animals will be covered in detail and all animal life processes will be discussed. The course will include hands-on laboratory assignments and specimen dissections.				
Elective Credit	NCAA	Career Cluster Alignment	**3**	**4** **5**

SOCIAL STUDIES DEPARTMENT

The social studies program is designed to provide students with an understanding of the development and organization of human society through the acquisition of knowledge and the use of critical thinking skills. It embraces the concepts of human freedom, dignity, and diversity, as well as citizenship and the interdependence of the world's peoples. It discusses these concepts openly and relates them to history and contemporary affairs. Through this process students will become more informed, will learn to more fully use analytical skills, and will become understanding of all cultures and peoples.

American History I

Course Number	Prerequisite	Credit	Grade Level	Course Length
204	None	1.0	9	1 year

This course will allow students to explore American history from 1850 to the onset of the Great Depression. Students will focus on the history and culture of America during this time period. Emphasis is placed on factors leading up to the Civil War, the Civil War, Reconstruction; the politics of the late 19th Century; the progress in technology and business; the development of the U.S. as a world power; the Progressive Era; World War I and its impact on America, and the post-WWI era of the 1920s leading up to the onset of the Great Depression.

Social Studies Credit	NCAA	Career Cluster Alignment	4

Accelerated American History I

Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
203	90% average in 8th grade high ability Social Studies or 95% average in 8th grade Social Studies	1.0	1.05	9	1 year

Accelerated Ninth grade American History I is designed to introduce students to an advanced version of the regularly offered course. The focus will be on the use of higher order thinking skills in the examination of these content areas. Special attention will be placed on writing creatively in essay format, growth in public speaking skills, and working independently and cooperatively. Students will be encouraged to analyze and subjectively synthesize information from a variety of primary and secondary sources.
Summer work may be required.

Social Studies Credit	NCAA	Career Cluster Alignment	4

World History

Course Number	Prerequisite	Credit	Grade Level	Course Length
211	None	1.0	10	1 year

Students will be exposed to the origins of the world's great religions. Emphasis will be placed on their impact on the world over time. Concentration will be placed on the development of Europe from the Italian Renaissance and Reformation through the period of Absolute Monarchs, the Enlightenment and wave of Revolutions that created modern Europe, leading to the Age of Imperialism and eventual World Transformation.

Social Studies Credit	NCAA	Career Cluster Alignment	4

AP World History: Modern

Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
213	85% or better in both Acc.History and Acc.English. 95% or better in American History I and English	1.0	1.10	10	1 year

A survey course designed to give students grounding in the subject matter of World History and in major interpretive questions that derive from the study of selected themes. Students will learn the skills necessary to assess historical materials, arrive at conclusions on the basis of informed judgment, and to present reasons and evidence clearly and persuasively in essay format. The Advanced Placement examination in World History will be offered in May. High achievement in this exam may exempt students from freshmen work in World History on the college level. **Summer work may be required.**

Social Studies Credit	*See Dual Enrollment Page 3*	NCAA	Career Cluster Alignment	4

American History II

Course Number	Prerequisite	Credit	Grade Level	Course Length
223	none	1.0	11	1 year

This course a survey of modern American history from World War II to the present. Emphasis is placed on the political, economic and cultural milestones of the 20th Century. Topics can include World War II & the Holocaust, The 1950's & the Cold War, Civil rights, the Vietnam War, the 1980's & 90's and into the 21st Century as time allows.

Social Studies Credit	NCAA	Career Cluster Alignment	4

AP United States History					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
220	85% in both AP World History and Honors English in the freshmen and sophomore years, or a 95% in World History or teacher/counselor recommendation	1.0	1.10	11	1 year
A survey course designed to give students grounding in the subject matter of United States history, and in major interpretive questions that derive from the study of selected themes. Students will learn the skills necessary to assess historical materials, arrive at conclusions on the basis of informed judgment, and to present reasons and evidence clearly and persuasively in essay format. This course is reading and writing intensive. The Advanced Placement examination in United States History will be offered to Students in May. High achievement in this exam may exempt students from freshmen work in U. S. History on the college level. Expenses need to be paid for by the Student and his/her family. **Summer work may be required.**					
Social Studies/Elective Credit *See Dual Enrollment Page 3* NCAA			Career Cluster Alignment		4

AP United States Government and Politics					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
230	85% in English 11, 85% in AP US History 93% in American History II	.5	1.10	12	1 semester
The AP course in U.S. Government and Politics will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes.					
Social Studies/Elective Credit *See Dual Enrollment Page 3* NCAA			Career Cluster Alignment		4

AP Macroeconomics					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
231	90% in another AP course and Algebra II or 93 in American History II and 85% in algebra II or 85% in another AP Social Studies Course	.5	1.10	12	1 semester
The purpose of a course in AP Macroeconomics is to provide students a thorough understanding of the principles of economics that apply to an economics system as a whole while preparing students for success on the AP Macroeconomics exam administered each May. This course places particular emphasis on the study of the measurement of economic performance, national income and price determination, money, banking and financial markets, economic challenges, and international economics.					
Social Studies/Elective Credit *See Dual Enrollment Page 3* NCAA			Career Cluster Alignment	2	4

Government				
Course Number	Prerequisite	Credit	Grade Level	Course Length
232	None	.5	12	1 semester
This course concentrates on an integral part of our lives; the American political and governmental system - how it works and the theories behind it. The student is exposed to the workings of elections, political parties, and our federal government. A more in-depth study of the electoral process and the workings of the federal government are included.				
Social Studies Credit	NCAA	Career Cluster Alignment		4

Consumer Economics 12				
Course Number	Prerequisite	Credit	Grade Level	Course Length
235	None	.5	12	1 semester
This course is an analysis of the various facets of our economic system, with particular emphasis on the role of the consumer. The effects of advertising, governmental policy, business practices, and financial institutions on the economic life of the U.S. citizen highlight the course.				
Social Studies Credit		Career Cluster Alignment		4

Economics				
Course Number	Prerequisite	Credit	Grade Level	Course Length
233	None	.5	12	1 semester
This course is designed to provide each student with a survey of economic principles and practices which will serve as a basis for understanding the introductory college economics course. Topics included in this course are basic principles of the free-market system, price determination by supply and demand, the role of labor and business in production, consumerism, banking, economic growth and stability, and the role of government in the economy.				
Social Studies Credit	NCAA	Career Cluster Alignment	**2**	**4**

20th Century Popular Culture				
Course Number	Prerequisite	Credit	Grade Level	Course Length
242	None	.5	10-12	1 semester
This course is designed to analyze the effects that popular culture has had on American society as well as American society's impact on popular culture. Students will focus on the events and personalities that have shaped this culture with emphasis on family, youth, music, race, sports, "The hero" and the "classics" as seen in pop cultures.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

Geography				
Course Number	Prerequisite	Credit	Grade Level	Course Length
236	None	.5	10-12	1 semester
Are you interested in finding out more about the places and cultures of the United States and the World? If so, this introductory geography course will enrich your knowledge of the locations and places in the United States and the World. This course will use a thematic approach, Geography will focus on regions of the United States and the World. Students will apply geographic concepts such as population, agriculture, natural resource allocation and management, industry, political geography, cultural geography and organization to their lives. In addition, students will examine the impact of the physical environment on people and cultures.				
Humanities / Elective Credit	NCAA	Career Cluster Alignment	**1**	**4**

Anthropology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
255	None	.5	10-12	1 semester
This introductory course in Anthropology begins with a description of Anthropology and how anthropologists' study human diversity in time and space. We will explore culture, evolution, genetics, language and communication and the origin and spread of modern humans. We will conclude our study of Anthropology doing research and field work in Archaeology. Anthropology, where the past meets the future.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

Minorities in American History				
Course Number	Prerequisite	Credit	Grade Level	Course Length
251	None	.5	10-12	1 semester
This course examines the experience of various minority groups Native American, African American, Latino American, and Asian American cultures in the United States. It will examine the roles that various minority groups have played in the United States' economic, social, cultural and political evolution from colonial time to the present. Finally, the course explores the ways in which minorities have organized and struggled to improve the condition of their own lives and promote social equality.				
Humanities / Elective Credit	NCAA	Career Cluster Alignment		**4**

***Hamilton*, the Founding Fathers & the Early Republic**				
Course Number	Prerequisite	Credit	Grade Level	Course Length
234	successful completion of American History 1	.5	10-12	1 semester
Hamilton and the other founding fathers as depicted in Lin Manuel Miranda's hit musical were revolutionary in their ideas and made decisions and choices that impact our country and lives today. In this course, we will dive deeper into the actions, events, and contributions of Hamilton and the other founding fathers – and a few founding mothers too! Emphasis will be placed on the settling of the United States, the Revolutionary War, and the early years of the United States. Don't miss your chance to be "In the Room Where It Happened" to find out more about the early history of the United States and the roots of our current government, economics, and social systems.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

Psychology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
254	None	.5	10-12	1 semester
This course is designed as an introductory experience into the field of psychology. Units of study include the history of psychology, gender, adolescence, social interaction, psychological disorders, and more. It is intended to further the growth of individual development and personal identity as it relates to the world around us.				
Humanities / Elective Credit NCAA		Career Cluster Alignment	**4**	**5**

Sociology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
243	None	.5	10-12	1 semester
Societal issues such as social organization, social structure, and socialization will be discussed in this course. Included will be discussions on marriage, problems of society such as violence and alcohol and drug abuse, cultural diversity, and issues confronting the family such as divorce and dependent care.				
Humanities / Elective Credit NCAA		Career Cluster Alignment	**4**	**5**

Women's Studies				
Course Number	Prerequisite	Credit	Grade Level	Course Length
246	None	.5	10-12	1 semester
This course will offer students a different perspective on history. It looks at history from the viewpoint of women. In the first half of this course, the focus is on women as "Superwomen," how women and girls are perceived in society and the cultural norms that are in place that define women. Discussions center around how the media treats women and girls, who our superheroes are, and how we can raise the bar in society for women and girls. In the second half of the course, the focus is on issues that women and girls face around the world, such as violence against women, job security, equal rights, and medical concerns.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

World War II through Film and Literature				
Course Number	Prerequisite	Credit	Grade Level	Course Length
257	None	.5	10-12	1 semester
Students will examine aspects of World War II through film, one book review and selected readings. Topics covered will include race in World War II, dropping the atomic bomb, the Western and Eastern European front, and the attack on Pearl Harbor.				
Humanities / Elective Credit		Career Cluster Alignment	**1**	**4**

Global History				
Course Number	Prerequisite	Credit	Grade Level	Course Length
225	Career Center Students	1.0	11	1 year
This course covers selected topics of World History and American History. In World History, the emphasis will be placed on the Middle Eastern Empires, Exploration and European contact with Asia, European Colonization of the New World, the Age of Enlightenment, and the French Revolution. In American History, the emphasis will be placed on the political, economic, and cultural milestones of the 20th Century. Topics will include WWII, including the Holocaust, the Cold War, the Civil Rights Movement, and the Vietnam War.				
Social Studies Credit NCAA		Career Cluster Alignment	**1**	**4**

Financial Literacy				
Course Number	Prerequisite	Credit	Grade Level	Course Length
599	None	.5	11-12	1 semester
Financial Literacy is a one semester course that will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lives and understand personal financial responsibility.				
Financial Literacy Credit – Graduation Requirement		Career Cluster Alignment	✓	

TECHNOLOGY EDUCATION

Technology Education courses provide a choice of courses which involve both theory and actual "hands on" experiences. Instruction is related to both hobby and career interest in these areas. All students should try to schedule a number of these courses during their high school career.

Construction and Manufacturing Technology				
Course Number	Prerequisite	Credit	Grade Level	Course Length
880	None	1.0	9	1 year
Students receive a well-rounded exposure to tools, materials and processes. These include metal, electronics, wood and construction. Projects include independent and group work. The course is particularly recommended for students planning on attending the Career & Technology Center.				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Wood Shop I				
Course Number	Prerequisite	Credit	Grade Level	Course Length
883	None	.5	9-12	1 semester
This course provides an introduction of basic hand woodworking tools and the introduction of the following woodworking machines: Circular saw, jointer, planer, radial saw, band saw, and router. Basic wood finishing and project planning are covered. **This course may involve a fee for supplies.**				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Metal Shop I				
Course Number	Prerequisite	Credit	Grade Level	Course Length
884	None	.5	10-12	1 semester
Class focuses on metals as they can be applied to everyday life situations, i.e. welding, bending, cutting, and identification. Students also get the options of exercising casting and forging techniques. Course may only be taken once. **This course may involve a fee for supplies.**				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Wood Shop II (Semester)				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8831	Wood Shop I	.5	10-12	1 semester
This course uses Wood Shop I as a platform where students have acquired the skills and knowledge of processing wood and its' associated terminology. In Wood Shop I, students learn very basic joinery skills which will be built upon and reinforced through Wood Shop II. Primary differences between Wood Shop 1 and Wood Shop II are the amount of responsibility placed on the student and increased difficulty of the project. Wood II introduces tolerances in the form of drawers. Students are required to draw full scale drawings of their design, detailing joinery aspects. Students will learn the joinery techniques through teacher-student discussion and sample videos. **Students are required to pay for their own materials.**				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Wood Shop II (Year)				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8832	Wood Shop I	1.0	10-12	1 year
This course uses Wood Shop I as a platform where students have acquired the skills and knowledge of processing wood and its' associated terminology. In Wood Shop I, students learn very basic joinery skills which will be built upon and reinforced through Wood Shop II. Students are then required to draw full scale drawings of their design, detailing joinery aspects. Students will learn the joinery techniques through teacher-student discussion and sample videos. Students will be required to do class demonstrations on their projects types of joinery. The size and scope of projects will be dictated by the length of class. The additional semester allows the student to select a project of their own. **Students are required to pay for their own materials.**				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Wood Shop III – Cabinetry (Semester)				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8833	Wood II	.5	10-12	1 semester
The highest level of structured woodworking courses. All project ideas and plans will be created entirely by the student. A design concept, e.g., a hanging shelf will be introduced, and students will go through the design process of brainstorming existing designs. Brainstorming various uses for designs, and finally arriving at a use and design for their individual project. **There is a cost associated with this course.** This course may be repeated.				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Wood Shop III – Cabinetry (Year)				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8834	Wood II	1.0	10-12	1 semester
The highest level of structured woodworking courses. All project ideas and plans will be created entirely by the student. A design concept, e.g., a hanging shelf will be introduced, and students will go through the design process of brainstorming existing designs. Brainstorming various uses for designs, and finally arriving at a use and design for their individual project. The additional semester allows the student to select a suitable project of their own choosing. **There is a cost associated with this course.** This course may be repeated.				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Introduction to Electricity/Electronics				
Course Number	Prerequisite	Credit	Grade Level	Course Length
885	None	.5	9-12	1 semester
This course will explore the basic principles of electricity and how it relates to our everyday life. Series, parallel and combination circuits will be investigated along with inductance, capacitance, and power supplies. Elementary semiconductor devices will also be explored. Although this course will involve some basic instructional approaches, a majority of the time will be devoted to investigating and reinforcing theories through utilization of electronics trainers. Concepts will be applied to methods of residential wiring as a number of switch and outlet circuits while being covered. **This course may involve a fee for supplies.**				
Business-Technology / Elective Credit		Career Cluster Alignment		**3**

Photography				
Course Number	Prerequisite	Credit	Grade Level	Course Length
864	**Should have a 35mm SLR Fully Manual Camera w/Lens and a DSLR w/Lens**	.5	10-12	1 semester
This course will introduce black and white film and darkroom as well as digital photography. *A 35mm SLR camera is needed for this course, as well as a good quality digital camera (DSLR) that is not a cellular device.* Students planning to take Photography may need to schedule extra work time during and after the school day. **This Course is not repeatable.** **There will be a fee for darkroom paper, film, and supplies.**				
Business – Technology/The Arts /Elective Credit		Career Cluster Alignment		**1**

Photography Studio				
Course Number	Prerequisite	Credit	Grade Level	Course Length
865	90% in Photography	.5	10-12	1 semester
This course is an **independent study** for students who would like more experience in photographic techniques and processes. Individual plans will be developed to meet the goals of the students for each semester they enroll. Students will need their own camera(s) for all work and **a fee may be charged for paper, film and other supplies used**. This course may be taken multiple times to learn more about different forms of photography, maintaining a grade of 90% in the course is required to repeat.				
Business-Technology/The Arts /Elective Credit		Career Cluster Alignment		**1**

Introduction to Engineering Design				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8111	None	.5	9 - 10	1 semester
This course is an introductory level course in the Engineering Design Method and will explore the many careers in the Engineering industry. Specifically geared towards 9th grade students with little technology/engineering background, this is strongly recommended for students who are interested in further Engineering and CAD courses. Students will learn the skills of research, observation, interviewing, journaling, developing an idea, sketching, scale, discussion, feedback, redesign, prototyping, testing, and analysis. **There will be a lab fee for 3D printing and prototyping materials.**				
Business-Technology / Elective Credit		Career Cluster Alignment	**3** **4**	**5**

Engineering				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8112	85% in Algebra II	.5	11-12	1 semester
A project-based approach to the Engineering Design Method. Students will develop an understanding of materials, forces, energy, electrical systems, and the impact of engineering on society. Teamwork, problem-solving and decision making will be emphasized throughout the course. The course will introduce electrical and mechanical engineering with a focus on basic 3D design. Designed for those upper classmen interested in an engineering career path but who have advanced beyond the basic "Intro to Engineering Design" course offering. **Students who have taken Introduction to Engineering Design should not take this course.** **There will be a lab fee for 3D printing and prototyping materials.**				
Elective Credit		Career Cluster Alignment	**3** **4**	**5**

Adv. Engineering Design					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
8991	Advanced CAD/Engineering	1	1.05	12	1 year
This course is a senior level application of concepts in the Engineering Design Method. Each quarter will have a separate engineering prompt to research, design, prototype, present, trouble shoot and redesign and then put into proper use. **There will be a lab fee for 3D printing and prototyping materials.**					
Business-Technology / Elective Credit		Career Cluster Alignment		**1**	**3**

Computer Aided Design (CAD) Concepts				
Course Number	Prerequisite	Credit	Grade Level	Course Length
8891	none	1	10-12	1 year
This course is an introduction to AutoCAD through the creation of Geometric Constructions. This is an intensive course where students can progress through the first three most important geometric drawing concepts leading to a better/comprehensive understanding of modeling parts. An introduction to Three View Orthographic Constructions and Section View Drawing, and an introduction to 3-D Drawing using SolidWorks software may occur as the year progresses.				
Business-Technology / Elective Credit		Career Cluster Alignment	**1**	**3**

Advanced CAD					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
8892	CAD Concepts	1	1.05	11-12	1 year
This course is an overview of intermediate and advanced Multi-View/Section Drawings and Working Drawings. This is an intensive course to include: auxiliary views, assemblies, and threading. This is a course that will include Solid Modeling within the SolidWorks software, it is NOT a modeling course though it is possible that some modeling will occur as the year progresses.					
Business-Technology / Elective Credit		Career Cluster Alignment		**1**	**3**

Adv. CAD: Research & Development – Ind. Study					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
899	Advanced CAD	1	1.05	12	1 year
After the completion of the advanced level of Working Drawings and Multi-Part Mechanical Drawing in both SolidWorks and AutoCAD, an **Independent Study** in advanced drafting and solids can be taken. This course can be tailored to the student's interests in Engineering/CAD. There may also be opportunity for certification in SolidWorks if taken for a full year.					
Business-Technology / Elective Credit		Career Cluster Alignment		**1**	**3**

WORLD LANGUAGE DEPARTMENT

The modern World Languages curriculum is designed to prepare students to function successfully in the country where the language originates and/or to meet the requirements for college entrance. Emphasis is placed on proficiency in listening, speaking, reading, and writing the language

German I

Course Number	Prerequisite	Credit	Grade Level	Course Length
500	None	1.0	9-12	1 year

This course is designed to introduce the student to the German language and culture. Culture will be investigated throughout the school year using a variety of authentic sources. Students will work towards basic proficiency in German, focusing on the skills of reading comprehension, writing, speaking, and listening. Additionally, basic grammar will be introduced, facilitating effective communication in a variety of simple situations.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **3** **4** **5**

German II

Course Number	Prerequisite	Credit	Grade Level	Course Length
501	German I	1.0	10-12	1 year

This course continues introducing students to German language and culture, focusing on more in-depth cultural issues. Aspects of German and American culture will be compared throughout the year. Students will continue to strengthen their reading comprehension, writing, speaking, listening, and communicative skills. More grammar concepts will be introduced, including writing and speaking in the past tense.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **3** **4** **5**

German III

Course Number	Prerequisite	Credit	Grade Level	Course Length
502	German II	1.0	11-12	1 year

In this course, students will focus on more advanced aspects of grammar and expression. Students will discuss issues related to personal health and fashion choices. Students will improve reading comprehension as they read a series of legends and write about them. Effective communication in a variety of situations will also be addressed.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **3** **4** **5**

German IV

Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
503	85% in German III	1.0	1.05	11-12	1 year

Students review the first three years of German study. Vocabulary enrichment continues through informational articles selected from all walks of life: artists, musicians, scientists, etc. There will be an examination of history, literature, music, art, and science. German literature is carefully read and discussed through a novel, short stories, and plays by some of the great masters. Original composition is practiced. Grammatical structures are strengthened through frequent usage.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **3** **4** **5**

Spanish I

Course Number	Prerequisite	Credit	Grade Level	Course Length
510	None	1.0	9-12	1 year

This course is designed to introduce the student to the Spanish language and culture. The class will compare and connect the language to their own. Students will learn about all regions where Spanish is spoken through the use of the text, music, food, magazines, and a variety of other supplemental materials. They will begin communication in Spanish by utilizing a variety of vocabulary in authentic tasks.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **4** **5**

Spanish II

Course Number	Prerequisite	Credit	Grade Level	Course Length
511	Spanish I	1.0	9-12	1 year

Students will continue to build on and utilize basic communication skills and vocabulary learned in Spanish I in a variety of classroom tasks. Students will continue the development of basic grammar functions, and their use. Students will use the target language to create short skits representative of the type of language structures being studied. The class will investigate traditions of the Spanish speaking populations in the U.S. and the world through a variety of media.

Humanities / Elective Credit | NCAA | Career Cluster Alignment | **1** **2** **4** **5**

Spanish III					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
512	85% in Spanish II or Teacher Recommendation	1.0	1.10	10-12	1 year
This is an intensive intermediate level course in Spanish grammar and vocabulary. This course will build upon and expand students' prior knowledge of communicative skills, grammar, and vocabulary from Spanish I and II. One of the primary goals of level III is to acquire the skills necessary to narrate events in the past, using both oral and written forms.					
Humanities / Elective Credit *See Dual Enrollment Page 3* NCAA		Career Cluster Alignment		1 2 4 5	

Spanish IV					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
513	85% in Spanish III	1.0	1.10	11-12	1 year
This is an intensive, advanced level course in Spanish grammar and vocabulary. This course will build upon and expand students' prior knowledge of communicative skills, grammar, and vocabulary. The focus will be on the subjunctive mode and compound tenses, as well as other advanced grammar topics. Students will demonstrate their creative use of the language through spontaneous dialogue, class discussions, various presentations, and skits.					
Humanities / Elective Credit *See Dual Enrollment Page 3* NCAA		Career Cluster Alignment		1 2 4 5	

Spanish V					
Course Number	Prerequisite	Credit	Course Weight	Grade Level	Course Length
514	85% in Spanish IV	1.0	1.10	12	1 year
Students will review the major topics from levels I-IV and continue to develop and enhance their listening, reading, writing, and speaking skills. This course will integrate Spanish into other content areas such as literature, art, and history. A major focus will be on the lives and works of several Spanish and Mexican artists. Students will also examine the lives and contributions of several Latin American authors.					
Humanities / Elective Credit *See Dual Enrollment Page 3* NCAA		Career Cluster Alignment		1 2 4 5	

Passport to Travel				
Course Number	Prerequisite	Credit	Grade Level	Course Length
515	None	.5	9-12	1 semester
In this project-based course students will explore and discover cultural differences of the many Spanish-speaking countries. Topics may include: food, sports, traditions, site-seeing attractions and popular destinations. You do not have to speak Spanish to enjoy this class!				
Humanities/Elective Credit		Career Cluster Alignment		1 4

Exploring Culture through Media				
Course Number	Prerequisite	Credit	Grade Level	Course Length
516	Spanish I	.5	9-12	1 semester
This course will be an adventure designed to help students gain a greater understanding of and appreciation for the cultural traditions of Spanish-speaking countries. Activities will include videos, virtual field trips, crafts, music, projects, food prep, and online investigations. Students will also learn basic Spanish vocabulary related to cultural studies.				
Humanities/Elective Credit		Career Cluster Alignment		1 4

Fleetwood Area School District

Secondary (6-12)
ELA / English Map

6th Grade Language Arts

7th Grade Language Arts

Advanced 7th Grade Lang Arts

8th Grade Language Arts

Advanced 8th Grade Lang Arts

English 9 *

Accelerated English 9 *

English 10 *

Accelerated English 10 *

* Required Courses for On-Level

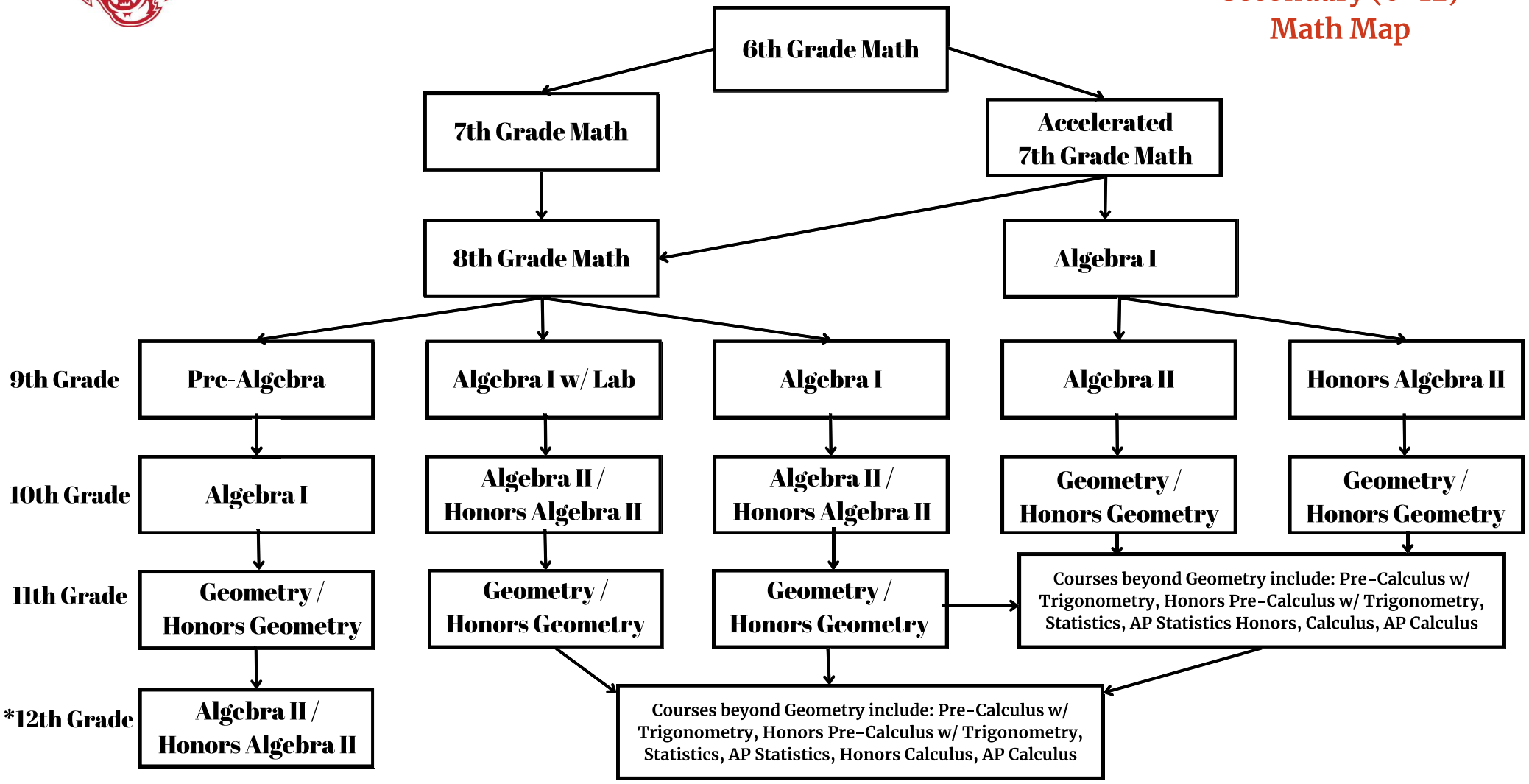
* Required Courses for Accelerated Level

11th Grade Choices Include:
American Literature, Accelerated American Literature, AP Language & Composition, **OR** any combination of two of the following courses: Creative Writing, Advanced Fiction Writing, Gods, Goddesses, and Superheroes, Public Speaking and Debate, Science Fiction, Sports Media, Sports Media II, Storytelling in Film, Lord of the Rings.

12th Grade Choices Include:
British Literature, Accelerated British Literature, AP Language & Composition, AP English Literature & Composition, **OR** any combination of two of the following courses: Creative Writing, Advanced Fiction Writing, Gods, Goddesses, and Superheroes, Public Speaking and Debate, Science Fiction, Sports Media, Sports Media II, Storytelling in Film, Lord of the Rings.

Fleetwood Area School District

Secondary (6-12) Math Map

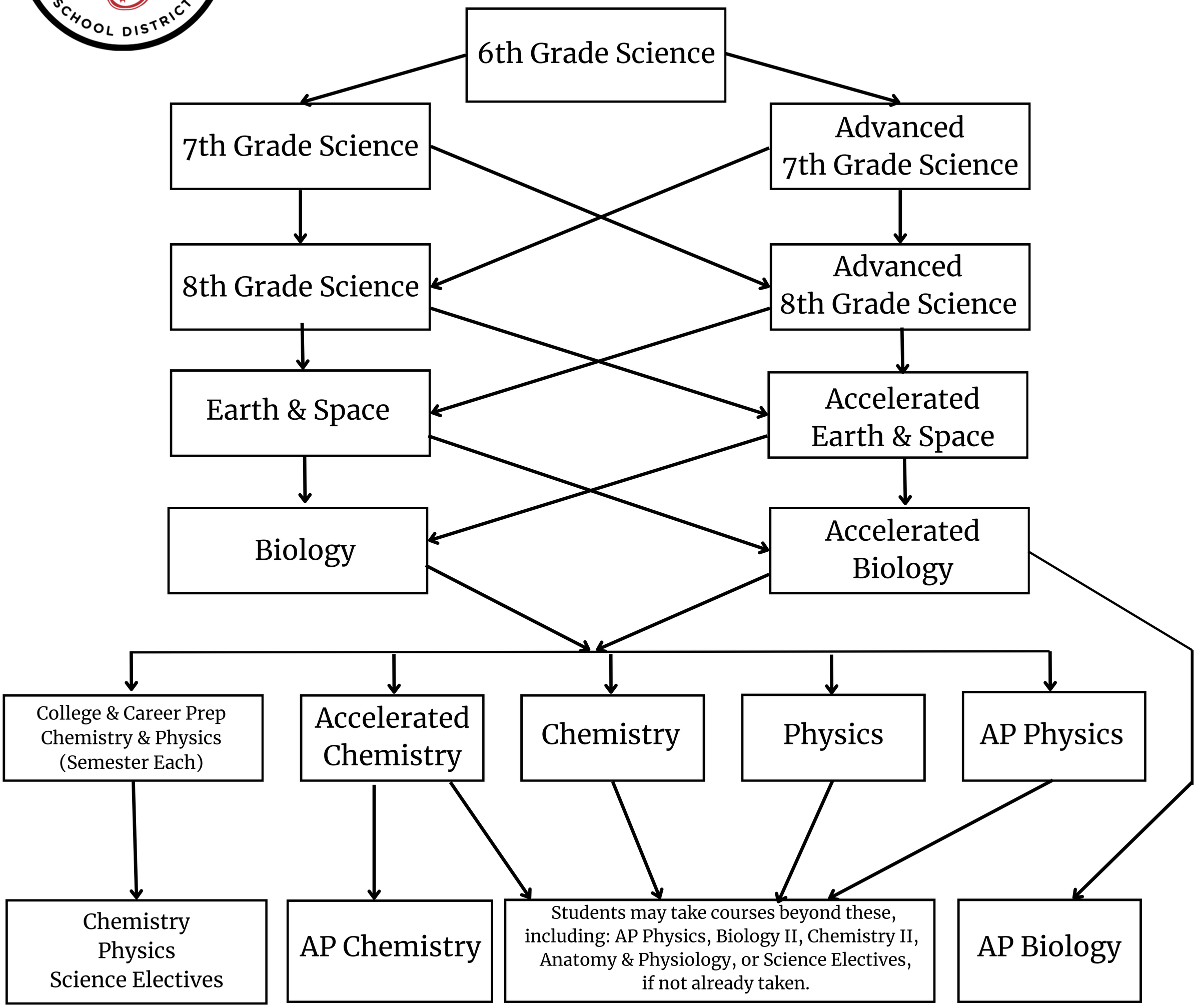


*A fourth year of math is included to show course sequencing for students who choose to take more than 3 math credits at the high school. Students are only required to take/pass 3 credits of math at the high school. All math credits must be earned while enrolled in grades 9-12.

The course sequencing in this diagram illustrates **typical** course progressions. Individual student course sequencing may vary based on specific needs or circumstances. Students should consult with their school counselor and/or math teacher to discuss recommendations or individual requests.

Fleetwood Area School District

Secondary (6-12) Science Map



Science Electives

The courses below can be taken in grades 10-12, in addition to the three required science credits.

Life Science

Zoology
Marine Science
Forensics
Environmental Science

Earth & Space

Astronomy
Meteorology
Paleontology
Environmental Science

Physical

Science Fact & Fiction
Forensics
Environmental Science