

Grayslake Community High School District 127

Curriculum Guide 2023-2024



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District 127 Mission Statement

We empower all learners to launch their futures through relevant, engaging, authentic learning

Board of Education and Administrative Directory

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Career and Technical Education	Gina Schuyler (847)986-3103 gschuyler@d127.org	Gina Schuyler x5521 gschuyler@d127.org
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Grayslake Central Counselors

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Alpha List of Students

A - COL

COM-HEL

HEN - KNI
Counseling Department Chair

KNO - ONG

ORT - SHU

SI - Z

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Counselor Caseloads

A - Daz

De - Johnson

Jok - Orz

Os - Romaz
Counseling Department Chair

Rome - Z

Required and Optional Fee Structure

In a number of courses, ancillary fees (exclusive of fees listed below) are assessed for consumable materials, student project materials, and equipment or tools. In all cases, the items purchased are the property of the student and may be kept. Please see the course description for complete fee information.

<u>2023-2024 Required Fees</u>		<u>2023-2024 Optional Fees</u>		<u>2023-2024 Optional Testing Expenses</u> (Costs for standardized tests may fluctuate slightly depending on fees charged by the provider.)	
Freshman and new to D127 Registration Fee*	\$212.00	Parking	\$150.00	AP Testing (per test) - College Board Rate	\$97.00
Sophomore, Junior and Senior Registration Fee	\$170.00	Yearbook	\$49.00	SAT Test Prep Classes	\$125.00
Chromebook Fee	\$120.00	Driver Education Behind the Wheel	\$350.00	Seal of Biliteracy Assessment	\$20.00 to \$30.00 for full exam, \$5.00 per test section
Late Registration	\$15.00	Athletic Participation*** (per sport, Family cap of \$400.00)	\$100.00		
PE Uniform Shirt	\$8.50				
PE Uniform Shorts	\$8.50				
PE Lock	\$5.00				
Heart Strap Monitor (PE)	\$20.00				
Student ID (replacement only)	\$5.00				

*Freshman and New to D127 Fee includes the registration fee (\$170.00) and the following items: PE Shirt (\$8.50), PE Shorts (\$8.50), PE Lock (\$5.00), and Heart Strap Monitor (\$20.00)

***Please refer to Athletic Sport Offering Catalog for additional fee information (per sport)

Financial assistance may be available for qualified families. Please contact the Accounting Manager in the business office to learn more. The Accounting Manager can be reached at (847) 986-3447 or larroyo@d127.org. You can also visit the business services page through the district website [here](#) to learn more.

Required Course Fees

fees are per semester, per course

Classes listed below have a Course Fee of \$12.50	Classes listed below have a Course Fee of \$25
<p><u>Business Education (Applied Arts)</u> Mobile App Development 1 Mobile App Development Honors 1 Mobile App Development 2 (Reg or Honors)</p> <p><u>Family and Consumer Sciences</u> Culinary Arts I Culinary Arts II Bakery Foods International Foods Family Relations and Parenting Child Development & Education Teaching Practicum</p> <p><u>Technical Education</u> Exploring Technology Graphic Arts Production 3D Modeling and Design Woodworking 1 Woodworking 2 Metalworking 1 Metalworking 2 PLTW: Introduction to Engineering and Design - Honors PLTW: Principles of Engineering - Honors PLTW: Civil Engineering and Architecture - Honors PLTW: Engineering Design and Development - Honors</p> <p><u>Visual Arts</u> Art & Creativity Digital Art, Photography & Design I Digital Art, Photography & Design II Ceramics I Ceramics II Art History Mixed Media Art Drawing and Painting I Drawing and Painting II Honors Studio Art AP Art and Design 2-D Art & Creativity 3-D Art & Creativity Honors Studio</p>	<p><u>Music</u> Concert Band Symphonic Band Honors Wind Ensemble Honors Concert Choir Treble Choir Honors Mixed Choir Honors String Ensemble</p>

Graduation Requirements

GRADUATION REQUIREMENTS (District 127 Board of Education Policy 6:300)

The Board of Education determines high school graduation requirements that will provide each student ample opportunity to achieve the goals for which the School District exists and that meet the minimum graduation requirements contained in State law. Unless otherwise exempted, each student must successfully accomplish the following in order to graduate from high school:

Applied Arts (CTE)	½ year	0.5 unit
Consumer Education*	½ year	0.5 unit
Driver Education	½ year	0.5 unit
English	4 years	4.0 units
Fine Arts	1 year	1.0 units
Health Education	½ year	0.5 unit
Mathematics	3 years	3.0 units
Physical Education	3 ½ years	3.5 units
Science	2 years	2.0 units
Social Studies	3 years	3.0 units
➤ 1.0 unit World History or equivalent (required)		
➤ 1.0 unit US History (required)		
➤ 0.5 unit Government & Civics (required)		
➤ 0.5 unit Elective (required)		
➤ Must pass Illinois and Federal Constitution Test		
Electives		4.5 units

A total of 23.0 Carnegie Units are required for graduation.

*The following courses satisfy the requirement for Consumer Education:

- Career Education & Work Experience (CEWE) (full year required)
- Economics
- Economics AP (full year required)
- Personal Finance

Students must:

- Pass physical education every semester in which they are enrolled except in the semester they are enrolled in Health or when they are exempted by Board policy
- Take an assessment which measures college and career readiness, unless the student is exempt according to 105 ILCS 5/2-3.64a
- Complete the FAFSA form or waive the requirement in order to graduate

AT-A-GLANCE

Comparative Freshman Course Requirements						
	Total	English	Social Studies	Math	Lab Sciences	Electives/Other
Chicago State University	15	4	3	3	3	2 foreign language, music, vocational education, or art
Eastern Illinois University	15	4	3	3	3	2 years of academic or vocational electives
Governors State University	15	4	2	3	2	2 years of one foreign language or fine arts; and 2 years of electives
Illinois State University	15	4	2	3	2	2 years of one foreign language or fine arts; and 2 years of electives.
Northeastern Illinois University	15	4	3	3	3	2 years of academic or vocational electives
Northern Illinois University	15	4	3	3	3	2 units (one must be foreign language, art, or music); Up to three units of the required fifteen units may be distributed throughout any of the five categories of course work. Vocational education may satisfy up to three of the units.
Southern Illinois University, Carbondale	15 or 16	4	3	3 or 4	3	2 years of electives in foreign language, art, fine arts, music or vocational education; if a foreign language is taken, it must include two semesters of the same language.
Southern Illinois University, Edwardsville	15	4	3	3	3	2 years chosen from foreign language, music, the visual arts, theatre, dance and/or vocational education.
University of Illinois at Chicago	16	4	3	3	3	2 years of foreign language (recommended); 1 year of electives.
University of Illinois at Springfield	15	4	3	3	3	2 years of one foreign language or 2 years of fine arts, selected from art, music, dance and theatre are required.
University of Illinois at Urbana-Champaign	15 or 15.5	4	2	3 or 3.5	2	2 years of one foreign language are required; and 2 years (flexible academic units) from any of the five subject categories. Approved art, music, or vocational education courses may be counted in the flexible academic units category.
Western Illinois University	15	4	3	3	3	2 years of foreign language, music, vocational education, art, theatre, film, religion, philosophy, speech or journalism.

For the full table see the [Illinois Association for College Admission Counseling](#).

College Admissions Guidelines

Examples of College Entrance Trends*:

<p>Highly Selective Institutions Northwestern University, Stanford University, University of Michigan, University of Southern California, Vanderbilt University, Washington University in St. Louis</p>	<p>Middle 50% ACT: 31-34 SAT: 1430-1540</p>	<p>Recommended Minimum Program of Study English 4 years Math 3-4 years Social Studies 3-4 years Science 3-4 years World Language 2 years min (3+ recommended) Honors/AP encouraged where appropriate.</p>
<p>Very Selective Institutions Illinois Wesleyan, Kenyon College, Marquette University, University of Illinois at Urbana-Champaign, University of Wisconsin-Madison</p>	<p>Middle 50% ACT: 26-30 SAT: 1250-1400</p>	<p>Recommended Minimum Program of Study English 4 years Math 3-4 years Social Studies 3-4 years Science 3-4 years depending on major World Language 2 years min (3+ recommended) Honors/AP encouraged where appropriate.</p>
<p>Less Selective Institutions Carthage College, Illinois State University, Northern Illinois University, University of Missouri, Columbia College</p>	<p>Middle 50% ACT: 21-26 SAT: 1080-1250</p>	<p>Recommended Minimum Program of Study English 4 years Math 3 years Social Studies 3 years Science 3 years World Language 2 years</p>

*For information on individual college requirements, check their website or Naviance.

*The numbers above are intended to provide general averages. Admission to a university often depends on various factors such as selectivity of major, involvement, application essays, letters of recommendation, etc. Students are encouraged to speak with their school counselor for further discussion.

NCAA Clearinghouse Requirements

Students who wish to participate in collegiate athletics at the Division I or II level must apply for certification with the National Collegiate Athletic Association (NCAA) Eligibility Center during their sophomore year in high school. District 127 counselors can assist students in completing this process.

To be certified by the Eligibility Center, you must:

1. **Graduate from high school.** You should apply for certification during your sophomore year in high school if you are sure you wish to participate in intercollegiate athletics as a freshman at a Division I or II institution. The Eligibility Center will issue a preliminary certification report after you have had all your materials submitted. After you graduate, if your eligibility status is requested by a member institution, the Eligibility Center will review your final transcript to make a final certification decision according to NCAA standards.
2. **Complete the 16 core courses including 10 before your seventh semester.**
3. **Earn a minimum required grade point average in your core courses.** Only courses that are on your high school's "List of NCAA Approved Core Courses" can be used to calculate your NCAA GPA. No special values are allowed for "+" or "-" grades.
4. **For Division I, calculate a combined SAT or ACT sum score that matches your core course grade point average and test score and match it to the chart in the guide "For the College Bound Athlete."** Available at www.eligibilitycenter.org. Division II requires a minimum ACT sum score of 68 or SAT score of 850, and a minimum 2.2 Core GPA.

* NCAA waived the ACT/SAT requirement due to Covid- check with the NCAA for updates

Core Units Required for NCAA Certification	Division I	Division II
English Core	4 years	3 years
Mathematics Core (Algebra I or higher)	3 years	2 years
Science Core (including at least 1 year of lab science)	2 years	2 years
Social Science Core	2 years	2 years
Additional English, math or science	1 year	3 years
Additional Core (from any area above or foreign language, non-doctrinal religion, philosophy, computer science)	4 years	4 years
TOTAL CORE UNITS REQUIRED	16	16

LIST of NCAA APPROVED CORE COURSES (formerly 48H)

The NCAA Initial Eligibility Clearinghouse has approved courses for us in establishing the certification status of student-athletes from your high school. If you intend to participate in college athletics, please see your counselor concerning how this list affects your registration for classes.

To access D127's List of Approved Core courses:

- Go to www.eligibilitycenter.org
- Click on "enter here" as a student athlete
- Click on "Resources" at the top
- Click on "U.S. Students"
- Click on "List of NCAA Courses" on right hand side
- Enter the high school code 142135 for Central and 142126 for North and click "Search"
- You now have the most up-to-date list of our Approved Core Courses.

Be aware that not all D127 Core Courses are approved by the NCAA Clearinghouse. We strongly encourage student-athletes and parents to consult the list of Approved Core Courses early in their academic planning to ensure that approved courses are selected.

NOTE: Prospective student athletes who would like to be considered for Division I or II athletics should meet with their counselor as early in their high school career as possible.

The National Career Cluster Initiative

To help students identify areas of interest and possible courses of study to support college and career goals, District 127 recognizes the National Career Cluster Initiative, which identifies 16 career clusters under which most every profession falls in some capacity. Using a set of career pathfinder surveys taken freshman year, students can begin (if they haven't already) identifying which District 127 courses best support the desired college study or career path of choice. When meeting with counselors to choose classes in the fall of each year, students should be prepared to discuss the career cluster document on the next several pages to find courses which best suit their needs. The chart on the following page is taken from the Illinois Career Cluster, Pathways, and Programs of Study Guide based off of the National Career Clusters Framework found at <https://careertech.org/career-clusters>. Below are two key nationally recognized terms important to understanding the Career Cluster Initiative.

Career Cluster: Group of occupations and industries that have a set of foundational knowledge and skills in common. There are 16 nationally recognized career clusters which each contain multiple career pathways.

Career Pathway: Multi-year program of academic, technical study and supporting activities and clubs that prepares students for a full range of post-secondary options within each career cluster. Career pathways provide a context for exploring career options at all levels of education. Suggested courses within a career pathway are meant to determine both likes and dislikes in order to narrow down decisions as the students get closer to their senior year and make post-secondary choices. Career pathways link student learning to the knowledge and skills needed for future education and employment. Students will use a [career pathway map](#) to walk through conversations with both counselors and parents/guardians.

What follows are the Career Clusters as they relate to District 127. Each cluster has associated courses and electives, school related activities, career-related activities, related certificates, college majors and example careers affiliated with the cluster. Please note these lists are not exhaustive and are intended only as a roadmap and conversation guide for students, families and school counselors. Students are in no way required to take the suggested courses aligned with a particular cluster, but students may choose to.

Career Pathway Endorsement: Students now have an opportunity to earn a designation on their transcript to indicate they have committed many hours to experiences and learning towards a specific career pathway. After finding a career pathway of choice, students who complete specific courses, engage in career experiences and internships may earn one such endorsement. For questions, email Gina Schuyler at gschuyler@d127.org.

SEE DISTRICT 127 CAREER CLUSTER AND PATHWAY GUIDE AT <https://goo.gl/LJz6NW> FOR MORE INFORMATION

Agriculture, Food & Natural Resources

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products & Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural & Technical Systems
- Architecture & Construction

Architecture & Construction

- Construction
- Design/Pre-Construction
- Maintenance/Operations

Arts, A/V Technology & Communications

- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Business Management & Administration

- Administrative Support
- Business Information Management
- General Management
- Human Resources Management
- Operations Management

Education & Training

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

Finance

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities & Investments

Government & Public Administration

- Foreign Service
- Governance
- National Security

- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Health Sciences

- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

Hospitality & Tourism

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

Human Services

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

Information Technology

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

Law, Public Safety, Corrections & Security

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

Manufacturing

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Dev.
- Production
- Quality Assurance

Marketing

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

Science, Technology, Engineering & Mathematics

- Engineering & Technology
- Science & Mathematics

Transportation, Distribution & Logistics

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

Early College Credit

Grayslake District 127 offers a variety of ways that students can earn college credit while still in high school. We strongly encourage all students to try at least one Dual Credit or AP course. The following summarizes the types of classes that might offer college credit for D127 high school students.

Advanced Placement:

District 127 offers 25 different Advanced Placement courses for students. Which of the courses run each year depends upon student enrollment in each class. The College Board approves Advanced Placement classes, and the teachers attend rigorous training hosted by the same. Students enrolled in AP courses are taking college-level coursework in preparation for a culminating exam or demonstration in May. If a student scores a 3 out of 5 or better on their final assessment, they may qualify for college credit in the corresponding college course. While nearly all colleges and universities accept AP credits, whether and to what extent colleges apply AP credits is up to the individual institution. Please check with your university to understand how they might use AP credits. In the State of Illinois, public colleges and universities are required by law to accept passing AP scores for college credit. Please peruse our course offerings to find AP classes that may be of interest to you. The only cost to students is the amount the College Board charges for taking the culminating exam or supply costs associated with the class..

English	Fine Arts	Math	Science	Social Studies	World Language
AP Lang	AP Art and Design	AP Calc AB	AP Bio	AP Comp. Gov	AP French
AP Lit	AP Music Theory	AP Calc BC	AP Chem	AP Econ	AP Spanish
		AP Comp Sci A	AP Environmental	AP Euro	AP Spanish Literature
		AP Stats	AP Physics I	AP Gov	
			AP Physics II	AP Human Geography	
			AP Physics C	AP Psych	
				AP US	
				AP World	

Articulated Credit: To earn articulated credit students must earn a B or better in their high school course that has an articulated credit agreement with the college. Students will get credit as normal on their high school transcript. Articulated credit does not give you a letter grade on your college transcript or count in your college GPA but is used for placement purposes at the College with which the articulated agreement is in place, therefore allowing students to advance more quickly toward a degree or certificate. Articulated credit courses carry no additional cost for students.

School	Dept	High School Class	CLC Course Equivalent
Central	CTE (FCS)	Early Childhood Practicum	ECE 116
North and Central	CTE (Business)	Accounting	ACC 110
North and Central	CTE (Business)	Social Media and Technology	TBD

Dual Credit:

District 127 partners with the College of Lake County to offer dual credit coursework that, upon successful completion, earns qualifying students both high school and college-level credits for the same course. Dual Credit Courses may be taken at the high school or at the Technology Campus. High school dual credit teachers have been approved by the college to teach the course after carefully reviewing their transcripts and degrees. Once approved, they serve as adjunct faculty at the college. Only students who meet the college’s entrance criterion for dual credit will be able to earn dual credit. This typically includes age, prerequisites, and academic criteria the college sets. Students will earn a grade for the course on both their high school and college transcripts. The high school teachers will explain the details of the dual credits at the start of the course. The college transcript from CLC can be sent by the student to other colleges for transfer credits. There is no separate final exam to receive dual credit; simply earning a “C” or better in the course earns the student dual credit. Where and how the dual credit transfers for the students depends on the college they attend and their major. Please review with your college or university to determine how dual credits will be applied. At this time, there is no cost for dual credit courses in D127. Below is a list of courses identified as Dual Credit Courses in D127. Please read more about each course below within the course descriptions later in this guide

School	Department	HS Course	CLC Equivalent Course
Central and North	CTE (Tech)	Principles of Engineering (PLTW)	CAD 111
Central and North	CTE (Tech)	Intro to Eng. and Design H) (PLTW)	CAD 170
Central and North	CTE (Tech)	3D Modeling and Design	CAD 110
Central and North	CTE (FCS)	Teaching Practicum	ECE 116
Central and North	CTE	Career Internship	EWE 120, EWE 220
Central	CTE (Tech)	Metals II	WLD 113, WLD 170
North	CTE (FCS)	Parenting	ECE 117
North	CTE (FCS)	Child Development	ECE 141
North and Central	English	English Comp. Hon. (previously World Lit Honors)	Eng 121
North(coming in 2023)	Math	Quantitative Literacy	Math 141
Central	Science	Earth Sci (H)	ESC 120
Central	Social Studies	PSP	EWE 120

Bell Schedule and Knights/Rams Period

Bell schedules are posted on each building's website in their respective school colors. All students get a period called Knights or Rams as one of their eight classes. This period is described at the bottom of this page. School counselors will work with students and their families as they select courses for next year.

Daily Bell Schedule

A Day (Black Day North, Green Day Central)			B Day (Gold Day North, White Day Central)		
Block 1 8:15-9:45 90 minutes			Block 5 8:15-9:45 90 minutes		
6-minute passing			6-minute passing		
Block 2 9:51-11:21 90 minutes			Block 6 9:51-11:21 90 minutes		
6-minute passing			6-minute passing		
Lunch A 11:27-12:12 45 minutes	Block 3 11:27-12:12 45 minutes	Block 3 11:27-12:57 90 minutes	Lunch A 11:27-12:12 45 minutes	Block 7 11:27-12:12 45 minutes	Block 7 11:27-12:57 90 minutes
5-minute passing			5-minute passing		
Block 3 12:17-1:47 90 minute	Lunch B 12:17-12:57 40 minutes		Block 7 12:17-1:47 90 minutes	Lunch B 12:17-12:57 40 minutes	
5-minute passing			5-minute passing		
	Block 3 1:02- 1:47 45 minutes	Lunch C 1:02:1:47 45 minutes	Block 7 1:02-1:47 45 minutes	Lunch C 1:02-1:47 45 minutes	
6-minute passing			6-minute passing		
Block 4 1:53-3:23 90 minutes			Block 8 1:53-3:23 90 minutes		

Late Start Schedule

A Day(Black Day North, Green Day Central)			B Day(Gold Day North, White Day Central)		
Block 1 9:15-10:30 75 minutes			Block 5 9:15-10:30 75 minutes		
6-minute passing			6-minute passing		
Block 2 10:36-11:51 75 minutes			Block 6 10:36-11:51 75 minutes		
6-minute passing			6-minute passing		
Lunch A 11:57-12:37 40 minutes	Block 3 11:57-12:37 40 minutes	Block 3 11:57-1:17 80 minutes	Lunch A 11:57-12:37 40 minutes	Block 7 11:57-12:37 40 minutes	Block 7 11:57-1:17 80 minutes
5-minute passing			5-minute passing		
Block 3 12:42-2:02 80 minutes	Lunch B 12:42-1:17 35 minutes		Block 7 12:42-2:02 80 minutes	Lunch B 12:42-1:17 35 minutes	
5-minute passing			5-minute passing		
	Block 3 1:22- 2:02 40 minutes	Lunch C 1:22-2:02 40 minutes	Block 7 1:22- 2:02 40 minutes	Lunch C 1:22-2:02 40 minutes	
6-minute passing			6-minute passing		
Block 4 2:08-3:23 75 minutes			Block 8 2:08-3:23 75 minutes		

Knights/Rams Period:

Each D127 student will have a mandatory Knights/Rams period built into their schedule. This is a flexible period allowing students to access resources available within the building (for example, social workers, counselors, college and career center, teachers and tutoring centers, etc.) as well as have time in the day to collaborate with peers and engage in schoolwork without having to give up a lunch period to do so. In addition to accessing resources, students will use this time to engage in programming and informational presentations offered by school staff. The student services team will develop a schedule of mandatory and optional programming that will be delivered during these flex periods. Social-emotional curriculum, college planning, and other grade-level presentations will happen during this time slot. Each building will communicate the specific locations available to students during the Knights/Rams period and the expectations for students during that time.

General Information

Assignment Alteration Option

If students or parents have a concern (based upon such areas as religion or morals) regarding an assignment within a unit, they should contact the assigning teacher so that an alternative assignment can be made. Teachers must be contacted immediately so that the students will have sufficient time for completion of the work involved. Each request will be evaluated on an individual basis.

Audit Policy

Auditing a class means daily attendance in the class without receiving either a grade or credit. Audits may be requested by a student or implemented by administration.

1. **Student Requests Audit:** Students must submit a request in writing for audit status during the first TEN (10) STUDENT ATTENDANCE days of each semester. Any exceptions must be based on extraordinary circumstances as determined by the building Principal. The form essential for processing this request must be obtained in the Counseling Office, and it should be noted that signatures from both the counselor and building Principal must be secured for approval of this status option. Students taking classes for credit will have priority if enrollment numbers become a concern. Students may not later apply for credit by examination in the course, nor may they change their status during the time they are attending the class from that of auditing to that of earning credit.
2. **Administration Assigns Audit:** Administration, in conjunction with the affected student(s) and their parents/ guardians, may assign an audit designation in lieu of a letter grade if it is deemed appropriate for the student's unique circumstances. This may occur at any time during the student's enrollment in the class.

In all cases, student transcripts will be marked with a "Z" for all audited courses and they will not factor into the GPA.

Credit for Non-District Experiences

A student may receive high school credit for successfully completing any of the listed courses or experiences even when it is not offered in our sponsored by the District if the student has received pre-approval from the Superintendent or designee to take the course. Non-District experiences do not count in the D127 GPA, all awarded grades are Pass/Fail only. Summer school courses taken at a public high school are exempt from this policy and will be treated as any other high school transfer course.

1. Distance learning course, including a correspondence, virtual or online course
2. Courses at an accredited foreign exchange program
3. Summer school or community college courses
4. College courses offering dual credit courses at both the college and high school level
5. Foreign language courses taken in an ethnic school program approved by the Illinois State Board of Education
6. Credit earned in a Vocational Academy, other than those taken at the Vocational Campus at the College of Lake County as those courses are assigned grades and credit on the high school transcript.
7. **See School Board Policy 6:310 for additional details.**

Course Levels

- **No Level Indicated**

In cases where no level is indicated, the courses generally focus on a college preparatory curriculum. These courses prepare students for college and workplace readiness.

- **Honors (H)**

Students who sign up for honors level courses are independent learners who function well above grade norms and/or have exceptional intellectual capability. These courses emphasize in-depth analysis of material, which is often of an abstract nature. The pace is rapid and active classroom participation is the rule. Long-range assignments and research are often required, making the amount of preparation time outside of the classroom more demanding.

- **Advanced Placement (AP)**

Students in these courses are studying at college level. They are taking the most advanced course offered in the subject and will take the College Board's nationally administered Advanced Placement Exam in May. As with Honors level, rapid pace, active participation and abstract analysis are daily expectations. In addition, concurrent assignments, independent practice and research are often required. Students' scores on the AP exams may earn them college credit or waivers depending on the policies of the universities to which they apply.

Course Loads

Illinois state law requires that secondary school students be under the direct supervision of a certified teacher for a minimum of 300 minutes daily. One Carnegie unit is equivalent to two (2) semester's credit of course work. The IHSA requires a student be enrolled in and passing no less than 5 D127 classes to be eligible to play in IHSA sports/clubs.

Criteria for Schedule Changes

Once their initial registration process is completed, a student may request a schedule change only if one or more of the following criteria exists. A form requesting a change must be obtained from the counselor.

1. Computer and clerical errors or failure to have a scheduled lunch period
2. Failure in first or second semester course(s)
3. Level changes approved by the appropriate school official. The grade will be transferred to the new class.
4. Completion of summer school courses, correspondence courses or independent study projects
5. Special Education placement
6. Seniors who need courses for graduation not currently in their schedule
7. Failure to have the necessary prerequisites for a course
8. Unusual or extraordinary circumstances not predictable during the initial scheduling and registration process. Administrative approval is required.

Requests for schedule changes that do not fit within the above criteria will not be considered.

Approval from the student, parents/guardians and counselor is necessary for any addition or deletion of a course. Any student has the right to appeal any schedule change decision.

1. **ADDING A CLASS** - Students may add a class only during the first SIX (6) STUDENT ATTENDANCE SCHOOL DAYS of the semester, if the reason strictly adheres to the approved criteria for schedule changes.
2. **DROPPING A CLASS** - Students may drop a class up through **THIRTY (30) STUDENT ATTENDANCE DAYS** of the semester without being penalized with a “withdraw failure.” No record of the drop will appear on the student’s transcript. After 30 school attendance days, a grade of “WF” will be issued.

Level Changes

Prior test data and previous performance in coursework determines a student’s ability level and placement in a class. Very infrequently a student may need to change the level of a class. A student, parent/guardian, teacher, or counselor may initiate a level change. A level change form is required for such a request. This form facilitates written input from all the appropriate people involved in the change. A specific order should be followed in obtaining written input: student, parent, teacher, department chair, school counselor and associate principal. When the student has secured all signatures, he/she must take the form to the appropriate counselor. Students must REMAIN IN CLASS until the level change is made by the counselor. **Level changes must be made by the 30th school day of the semester.**

Early Graduation

While all students are encouraged to remain in school for the full eight semesters, any students wishing to graduate early should inform their counselor in writing of their intentions. The building Principal gives final approval. Applications are available in the Counseling Office and must be submitted by the end of a student’s junior year.

Equal Education Opportunity

All persons who legally reside within Grayslake Community High School District 127 attendance boundaries through age 22, inclusive (or until graduation) shall be afforded the right and opportunity to an equal education (D127 follows state law regarding at what age a special education student in our transition program ages out of services) . No student shall be excluded, segregated or discriminated against in the District’s programs on account of race, color, national origin, sex, handicap, disability, religion, or limited English speaking skills. District 127 affirms the human dignity and worth of each student to be free from discrimination and harassment.

The District does not permit harassment in its educational programs, activities, or employment policies as required by Title IX of the Federal Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and Title IIA of the Americans with Disabilities Act. Grievance procedures have been established for student and employee complaints. The Nondiscrimination Coordinators for District 127 are Danielle Carter, Assistant Superintendent of Human Resources and Mark Kettering, Director of Special Education. The Section 504 Coordinator for District 127 is Mark Kettering, Director of Special Education. The Title IX Coordinator for District 127 is Danielle Carter, Assistant Superintendent of Human Resources.

Grade Point Average (G.P.A.)

A student's G.P.A. is computed using semester grades. G.P.A. is determined by averaging the grades that students receive in most of their classes. All courses are figured into the G.P.A. except the following: Independent Study Courses, Correspondence Courses, Physical Education, Pass/Fail Courses, audited courses, Independent Project and Work Study.

Grading Scale

District 127 has adopted a standardized grading scale throughout the curriculum. The following grading scale and corresponding grades are used by all the teachers:

90 - 100 = A

80 - 89 = B

70 - 79 = C

60 - 69 = D

59 & below = F on final transcripts only, F grades will be listed as NC (No Credit) which will neither give credit nor count against the GPA

Honors = representing GPA between 3.0 and 3.4

High Honors = representing GPA between 3.5 and 4.0

Highest Honors = GPA > 4.0

Weighting of Grades

In order to recognize and report differences in achievement and effort as well as encourage students to take courses that challenge them to their highest potential, the district utilizes a system of grade weighting according to course level. Every student will receive periodic grade reports each semester. The only grades maintained in a student's permanent record are shown as final semester grades. Both the weighted and unweighted system are used to compute the honor roll. Grades earned in the three levels shall receive the following weights:

A.P. Level	Honors Level	All Other Courses
A - 5.0	A - 4.5	A - 4.0
B - 4.0	B - 3.5	B - 3.0
C - 3.0	C - 2.5	C - 2.0
D - 2.0	D - 1.5	D - 1.0
F or NC - 0.0	F or NC - 0.0	F or NC - 0.0

Class Rank

Class Rank is not published on transcripts but can be obtained from a student's school counselor if needed for college, scholarship or job applications.

Pass/Fail Option for non-independent study courses

Pass/Fail is an option that will permit and encourage students to take courses to explore offerings more widely, without jeopardizing their grade point averages. It is available to all students with the following conditions and restrictions:

1. Only juniors and seniors are permitted to take the option.
2. A 3.0 cumulative G.P.A. is required at the time of application.
3. All course offerings are available for the option except those required for graduation.
4. A maximum of one credit may be taken from any discipline.
5. A maximum of two credits may be taken in total from the district's curricular offerings.
6. The student must submit the request in writing to the counselor during the FIRST FIVE days of each semester. Once enacted, the Pass/Fail designation cannot be reversed.
7. If the student withdraws from the course, the option is forfeited for the current semester and the student may not register for another to replace it.
8. A "pass" grade will not be used in calculating the grade point average, but the credit does count toward graduation requirements. A "fail" grade will be computed in the G.P.A. and will be recorded on the student's transcript.

Incomplete Grades

A student who has an extended absence because of illness or some other legitimate reason may receive a grade of incomplete from a teacher. This grade indicates that the student did not make up all the required work. All incomplete grades must be made up within 30 calendar days from when semester grades are published in PowerSchool for the semester in which the incomplete was earned. Any incomplete grade not made up by that time will be recorded as a failing grade unless, because of extenuating circumstances, special arrangements have been made between the student and the teacher.

Replacement Grade Opportunity

Students may opt to retake any course in an effort to improve the grade earned. The course will appear on the transcript twice, but only the higher of the two grades will count in the GPA. The replaced course will have the grade replaced with an "R". Students may only retake a course once, and may only do so if they can fit the retake into the 7 available course slots or during summer school, if offered. Please see your counselor for the application and additional details. .

Independent Study

Independent Study is a method of self-development and personal growth. It involves choosing a problem or topic that has particular meaning for the individual and following it to a point where it peaks curiosity and/or current interests. Independent study may be independent of all course work in which a student is enrolled.

1. PURPOSE

- a. Enrich the curriculum for the more highly motivated, independent and self-reliant student.
- b. Encourage students to seek the stimulation and excitement of self-directed, self-initiated intellectual inquiry.
- c. Give students the opportunity to develop good independent study habits and to learn to discipline their own time.
- d. Provide opportunity to study an established subject in greater depth or to study an area not presently included in the curriculum.

2. INITIATING AN INDEPENDENT STUDY

The proposal may be initiated by a qualified student or teacher interested in independent study.

- a. Student initiated: The student must find a teacher willing to voluntarily oversee the Independent Study and complete the proposal in conjunction with the teacher. The form should be returned to the Counseling Department.
- b. Teacher initiated: The teacher must submit a proposal for independent study in an area not provided through the regular curriculum of District 127. The teacher is volunteering his/her time to oversee the independent study. The proposal form must include:
 - i. A student(s) interested in participating in independent study
 - ii. A rationale for the independent study
 - iii. A course syllabus and/or a Curriculum Map that outlines the goals and outcomes
 - iv. A schedule of meeting dates and times of student-teacher meetings
 - v. An outline of how the student will be assessed
- c. Unless special dispensation is granted, a teacher can accept no more than one independent study student per semester.
- d. The proposal must be approved by the Principal or designee.

3. ELIGIBILITY AND SELECTION OF STUDENTS:

Independent study is not a guaranteed option. The teacher, student, and administration must agree that this is the best course of action for the student and program. The following are the eligibility requirements used when considering approval of an independent study course:

- a. The student has shown unusually high interest in their subject of study in the regular school program.
- b. The student has demonstrated dedication and commitment to his or her studies.
- c. The student may not pursue more than one directed independent project at one time, or two per year.
- d. The student must have completed all coursework related to the topic of study offered by the district, or a student is seeking independent study because the regularly scheduled course offering does not fit into the student's schedule.

4. GRADING

Grading of directed independent study projects shall receive a Pass/Fail grade.

5. PROCEDURES FOR APPROVAL

- a. Obtain form for the independent study project in the Counseling Office.

- b. Submit completed form to the building Principal or designee at least 5 days prior to the first day of the semester for approval or denial.

Exemptions from Physical Education

In accordance with school code, a student in grades 9-12, unless otherwise stated, may request from the Building Principal to be excused from physical education courses for the reasons stated below:

1. Enrollment in a marching band program for credit;
2. Ongoing participation in an interscholastic athletic program (student must be in the 11th or 12th grade).
3. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 11th or 12th grade); or
4. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (student must be in the 11th or 12th grade).

A student who is eligible for special education may be excused from physical education courses pursuant to 7:260, *Exemption from Physical Education*.

Legal Notice to Students and Parents/Guardians

In accordance with the provisions of the Illinois School Student Record Act of 1975, granting to each particular parent/guardian of a student in District 127 certain rights with regard to the records of such student maintained by the school district, each parent/guardian is advised as follows:

1. Directory information may be released to the general public unless a parent/guardian requests that such information not be released. Any parent/guardian who wishes such information not be made public shall within ten days of this notice, file a written request with the principal, indicating which of the following may not be released without their consent.
 - a. Student's name
 - b. Student's address
 - c. Parent's or guardian's name
 - d. Parent's or guardian's address
 - e. Date of Birth
 - f. Place of Birth
 - g. Gender
 - h. Grade level
 - i. Major field of study
 - j. Dates of attendance
 - k. Previous school attendance
 - l. Diploma received and date
 - m. Honors and awards received
 - n. Participation in officially recognized activities and sports
 - o. Weight and heights of athletic team members
 - p. Yearbook and newspaper pictures

2. The school district maintains educational records relating to students which generally include the information shown in the following list. Officials or custodians of the records are also indicated.

CUSTODIAN OF RECORD

- a) Directory information - Registrar
- b) I.Q. and achievement test data - Counselor
- c) Course and grades - Counselor
- d) Attendance data - Dean & Registrar
- e) Graduation status - Counselor & Registrar
- f) Transfer information - Registrar
- g) Physiological data - Counselor
- h) Family/social history (if available) - Counselor
- i) Discipline (if available) - Dean
- j) Counseling records - Counselor
- k) Activities and awards - Student Activities Director & Registrar

Teachers, supervisors, administrators, and board members, who have an educationally oriented need, generally have access to such records for the purpose of furthering legitimate educational interests without parent/guardian consent.

3. Each parent/guardian, at any time, upon reasonable notice to school officials, has a right of access to the educational records of the institution relating to their particular student for purposes of inspection and review, prior to transfer of the records to another school district, the right to a response to reasonable requests for explanations and interpretations of the records, the right to an opportunity for a hearing to challenge the content of the records in order to ensure that the records are not inaccurate, misleading or otherwise in violation of the privacy or other rights of students, and to provide an opportunity for the corrections or deletion of such inaccurate, misleading or otherwise inappropriate data contained therein, and to insert a written explanation concerning the contents of such records.

4. Upon request for a hearing concerning the content of the student's educational records, the principal shall arrange an informal meeting with the parent/guardian. If thereafter the parent/guardian requests a formal proceeding, such request shall be made in writing to the superintendent. The parent/guardian shall be afforded a full and fair opportunity to present evidence concerning the records. The decision shall be rendered in writing within a reasonable period of time after the conclusion of the hearing.

5. A student's records shall be transferred by the registrar to another school that the student has enrolled in or intends to enroll in, upon written request of the registrar of that school, provided the parent receives prior written notice of the information to be sent and an opportunity to inspect, copy and challenge such information.

6. Persons authorized by the state or federal law to gain access to school records shall be allowed to do so, provided the parent/guardian received written notice.

7. It is the student's right that no person may condition the granting or withholding of any right, privilege or benefits or make as a condition of employment, credit or insurance the securing by any individual of any information from a student's record which such individual may obtain through the exercise of any right secured under the Act of these regulations.

8. Copies of the Act and regulations are available for inspection in the administrative offices of District 127. If you have any questions, please call (847)986-3100 for North and (847)986-3300 for Central and ask for the building Principal.

Medical Examinations and Immunization Records

All freshmen and new students must have a thorough medical examination by their doctor and have a state of Illinois Certificate of Child Health Examination form turned into the nurse's office by October 15. This form needs to be turned in before the exclusion date set by the Illinois State Board of Education. All other students participating in interscholastic sports must have a current and updated sports physical on file in the athletic office. A sports physical cannot be used freshman year or for new students as a physical.

State law requires that all students entering school be immunized against polio, hepatitis B, varivax (chicken pox), diphtheria, tetanus, pertussis (whooping cough), meningococcal measles, mumps and rubella. Students who cannot supply proof of compliance with the State Code 27-8.1 concerning health examinations and inoculations will be denied admission to school until they have complied with the law. It should also be noted that Illinois School Code requires kindergarten, second, eighth and all special education students, or students referred by a teacher to be tested for hearing and vision.

State law further requires "Children in the designated grades (9th) must have a dental exam performed by a dentist by May 15 of the end of their school year or present proof to their school that their exam has been scheduled for the next 60 days. Failure to present proof of the dental examination by May 15 may result in the school holding the child's report card, unless the child presents proof of the completed dental exam or proof that a dental exam will take place within 60 days after May 15." The Department of Public Health has established a waiver for children who show an undue burden due to lack of access to a dentist. The waiver can be obtained through the school nurse.

Testing and Assessment Program

Purpose of Assessment Program:

Program Placement

To facilitate an effective learning environment, District 127 offers programs which challenge students at an appropriate level of difficulty. Testing is necessary to assess the scholastic aptitude and achievement levels of students in order to provide a basis upon which to recommend student placement to academic departments.

Educational Program Assessment

Some testing provides a means for assessing how well students in a particular group are performing. As a result, adjustments in curricular offerings and instructional methods may be made. Testing may also be used to determine progress in attaining school improvement goals.

Growth Measurement

By being tested periodically in high school, students can be provided information concerning their academic growth. Areas in need of remediation and areas where improvements have occurred can also be identified. Additional assistance or greater challenges in course selection can be offered to students. The appropriateness of students' academic and post-high school plans can be assessed.

Career Development

Students generally participate in at least one interest inventory designed to match their abilities and interests to career opportunities and to assist them in planning an appropriate scholastic program.

College Placement

College admissions examinations are often required of students who plan to pursue higher education. The Testing and Assessment Program at District 127 provides for these requirements.

The following tests are available to and/or administered to students entering the school, and/or at the grade levels noted below:

Assessment	Purpose of Assessment	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Optional (O) Mandatory (M)
AAPPL	This assessment is used to determine a student's eligibility to earn the Seal of Biliteracy					X	O
ACCESS	Used to measure English Language proficiency for students for whom English is a Second Language		X	X	X	X	M- for EL students
ADVANCED PLACEMENT	National exams that assess students' achievement in specific Advanced Placement courses		X	X	X	X	O
FITNESS GRAM	Tenth grade Physical Education students take this assessment to measure basic fitness levels.			X			M
ILLINOIS SCIENCE ASSESSMENT	All junior students are required to take this state mandated assessment.				X		M
PSAT NMSQT	This assessment is part of the SAT suite of assessments and predicts SAT scores. Juniors can use this to qualify in the National Merit Scholarship Competition.			X	X		M
PSAT 8/9	Assessment of current levels of achievement in Reading, Math, English and Science--includes a predicted SAT score.	X	X				M
SAT*	College Entrance				X		M
STAR	This computer based assessment is used to set student academic goals and monitor their progress against them.		X	X	X	X	M

*As of September 2017, the State of Illinois no longer requires that the state standardized exam scores appear on the transcript. As a result, D127 will not place any standardized test scores on a student transcript as of 2018.

Blended Learning in District 127

Grayslake Community High School District 127 began offering blended learning courses in the 2019-2020 school year. After visiting area schools with blended programs, professionally developing teachers on blended instruction, and piloting our own blended courses during the 2018-2019 school year, we developed the following list of frequently asked questions about blended learning in District 127.

What is blended learning?

Blended learning combines online and face-to face instruction to allow students some control over the path, place, and pace of learning. Students enrolled in blended learning courses will have some days when they will be in class with the teacher and some days when they might be elsewhere in the building working electronically or directly with other students or teachers.

Why blended learning?

Blended learning is one instructional modality, among others, by which student learning can be personalized and differentiated. Today's students must meet the needs of a modern economy which demands competent, agile problem solvers. Blended learning allows students and teachers to move away from time-based achievement models toward competency-based ones. It is a strategy for helping teachers deeply understand and enable each student to reach deep educational mastery rather than rote memorization of facts. (Powell, Rabbitt & Kennedy, [Aurora Institute](#)). In addition, having a blended environment allows students to move at their own pace and allows the teachers to give small group and one-on-one instruction to students in ways whole-group instruction doesn't allow for.

What is the vision for blended learning?

District 127 will diversify instructional modalities to foster personalized learning and provide time and development for teachers to shift to competency-based, student-driven learning. We intend to build a blended program beginning with our sophomore through senior students and eventually offer it to freshmen in years to come once the program is fully established and we have older students who can help model how to "do" blended for the younger students.

Which courses will be offered as blended and how will I know?

All blended courses will be labeled as such in the online course registration guide. Blended courses might be different in each of the two high schools in the district. School Counselors can help students during the course registration process to identify and select the appropriate course. We will be running a variety of classes in each building and hope to grow that number each year, as long as we have teachers prepared to instruct them and students interested in enrolling in them.

Most blended courses will have both a blended and non-blended option. Students will otherwise not be forced to take blended but can opt for the non-blended version of the course instead. Those courses offered only as blended will be indicated as such in the Course Guide.

If my student signs up for a blended course, is it guaranteed?

No. We hope to be able to accommodate all students interested in blended courses, but the number of seats available depends upon the number of teachers we have teaching the course and the number of sections of the blended courses we can offer.

If more students sign up than there are seats available, how will students be selected for blended?

In these initial years of the blended model, there are smaller numbers of blended seats available than will be the case once the model expands and more teachers are trained in the instructional strategy. For now, all students who request blended will be assigned a number and we will randomly select numbers until the seats are filled. Students who requested blended but don't have a seat available for them will be notified and they will be placed in a non-blended section of the course.

Who is qualified to sign up for blended?

There is no special qualification to take blended. If a student qualifies for the non-blended version of the course, he or she is then qualified for the blended version, if offered. However, families should be thoughtful about whether a less structured blended course is the best choice. Students should be strong in the skills of time management and self-direction if considering a blended course.

What does the schedule of a blended course look like?

It depends. The specific schedule for the course and the student will be communicated by the classroom teacher. In general, there will be days where students are expected to be in class the entire period and days where students will be allowed to work from elsewhere in the high school building. Some teachers might have all students on Monday, Wednesday and Friday, for example, while the teacher works with assigned groups on Tuesday and Thursday. It will look different in each class, and perhaps during each unit of instruction.

What is the teacher doing during blended days?

Teaching! The teacher uses blended days to target instruction to specific groups of students or individual students. Any student earning less than a 73% in a course must report to class every day, even blended days, in order to get personalized help from the classroom teacher. However, a teacher may request any student in class to attend on a blended day.

Can the students leave the building during blended periods?

Not typically, but it may be occasionally allowed as appropriate to the class and only with teacher, administration, and parent approval.

What does my student do during blended learning days?

Your student will be working on projects, assignments, research, etc. for which he or she doesn't need the direct instruction of a teacher. However, if your student has achieved the learning goals for the day, he or she can use that blended class time to work on things from other classes or to get help from teachers in the Math Lab or Write Room, for example. One of the benefits of blended learning is that it allows students to make decisions about how best to use their learning time.

Can my student stay in class even on blended days?

Yes. The teacher is in the classroom every day, working with students. Students with less than a 73% will be required to attend class every day. However, any student enrolled in the class is absolutely welcome to sit in class any day to work or get assistance from the teacher.

How is a blended curriculum different from a non-blended course?

All courses, blended and non-blended, share the same learning standards and use mirrored summative assessments. Lessons and resources may be modified to work in a blended setting and students may show mastery of skills in different ways, but in general, what changes between the two formats is the structure and pacing of learning.

Can my student switch back to a non-blended class if he or she doesn't like blended?

Like any other class change, there need to be available seats in the non-blended class. Similar to other course and level changes, students would need to have conversations with teacher, counselor, parents and other relevant school personnel before being approved to transition to a non-blended course.

Career and Technical Education

Business Education (Applied Arts)

Freshman	Sophomore	Junior	Senior
Social Media and Technology	Social Media and Technology	Social Media and Technology	Social Media and Technology
Web Development	Web Development	Web Development	Web Development
Mobile App Development (Reg or Honors)	Mobile App Development 1 and 2 (Reg or Honors)	Mobile App Development 1 and 2 (Reg or Honors)	Mobile App Development 1 and 2 (Reg or Honors)
Business and Personal Law	Business and Personal Law	Business and Personal Law	Business and Personal Law
Sports and Entertainment Marketing	Sports and Entertainment Marketing	Sports and Entertainment Marketing	Sports and Entertainment Marketing
Entrepreneurship	Entrepreneurship	Entrepreneurship	Entrepreneurship
Accounting 1A and 1B	Accounting 1A and 1B	Accounting 1A and 1B	Accounting 1A and 1B
	*Personal Finance	*Personal Finance	*Personal Finance
		Career Internship	Career Internship

Business Education			
Course Title	Prerequisite	Credit	Grade Offered
Social Media & Technology	None	0.5	9-12
Web Development (Blended at Central)	None	0.5	9-12
Mobile App Development 1	None	0.5	9-12
Mobile App Development Honors 1	None	0.5	9-12
Mobile App Development Honors 2	Mobile App 1	0.5	9-12
Business and Personal Law	None	0.5	9-12
Sports and Entertainment Marketing	None	0.5	9-12
Entrepreneurship (Blended at Central)	None	0.5	9-12
Accounting 1A	None	0.5	9-12
Accounting 1B	None	0.5	9-12
*Personal Finance	None	0.5	10-12
Career Internship	None	0.5	11-12

Social Media and Technology

Credit: 0.5

Prerequisite: None

Grades offered: 9-12

Through a digital portfolio students will learn how and why to take charge of their personal digital footprints. Students will learn to access digital information, how and why to analyze digital messages, create media using multiple digital social media platforms and reflect on media consumption from a point of social responsibility. **Juniors and Seniors who complete this course and earn a “B” or higher may be eligible for articulated college credit coursework at the College of Lake County.** This class is aligned to all Career Pathways.

Web Development

Credit: 0.5

(Blended at Central)

Prerequisite: None

Grades Offered: 9-12

This is a one-semester course where students will create a portfolio and working website. Students will gain the knowledge and skills to plan, create, and publish interactive web pages. The project-based curriculum includes skills such as creation and manipulation of text, graphics, animations, movies, and page design through the use of HTML, CSS, Photoshop, Dreamweaver, and Muse. This class is aligned to both the Arts, Technology Communication Career Pathway and Information Technology Pathway.

Mobile App Development 1

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

“There’s an app for that!” Not only have apps become a part of our daily lives, but software development careers are some of the most highly paid in an ever growing industry. Over one semester students will be in an authentic workplace environment and use and learn professional software to **design** and begin **basic programming** using SWIFT and XCODE programming language. Students will be guided through the development of a variety of apps of growing complexity culminating in the development of a custom app of their own design. [MobileMakersEDU student video](#). Students are encouraged to enroll into Mobile App 1 and Mobile App 2 for a full year experience.

This class is aligned to both the Arts, Technology Communication Career Pathway and Information Technology Pathway.

Mobile App Development Honors 1

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

“There’s an app for that!” Not only have apps become a part of our daily lives, but software development careers are some of the most highly paid in an ever growing industry. Over one semester, honors students will be in an authentic workplace environment and will use and learn professional software to **design** and will **perform more advanced programming** using SWIFT programming language. Students experience an authentic workplace environment applying the skills of problem-solving, collaboration, and communication to industry best practices, like paired programming and rapid iteration.. This class is aligned to both the Arts, Technology Communication Career Pathway and Information Technology Pathway.

Mobile App Development 2 (Reg or Honors)**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Mobile App Development 1 (Reg or Honors)**Grades offered:** 9-12

Students will be built on the foundation set in Mobile App 1 to now begin both *designing* and *programming* a variety of different apps. The apps students build grow in complexity throughout the semester, culminating in an app showcase, where students demonstrate the app they built – just like professionals do at technology events. Students apply the same development cycle as those in the workplace, which means students build an app, analyze errors in code, and adjust to solve problems. To do this well, they must implement resourcefulness and collaborate with their peers, just like in the real world.. Students leave the class with a portfolio of apps and collection of skills highly valued in the workplace today. Students are encouraged to enroll into Mobile App 1 and Mobile App 2 for a full year experience. This class is aligned to both the Arts, Technology Communication Career Pathway and Information Technology Pathway.

Business and Personal Law**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9-12

This one-semester course covers such topics as the development of our legal system, courts, constitutional law, criminal law, civil law, torts, law for minors, contracts, and law for consumers. Students participate in mock trials. Guest speakers are used and actual law cases are studied. This class is aligned to Government, Law and Public Safety Career Pathways.

Sports and Entertainment Marketing**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9-12

This course offers students an expanded view of how businesses today use the internet, social media and traditional marketing techniques and how it applies to the exciting world of sports and entertainment. Students will identify ways that sports and entertainment companies utilize marketing, learn how to measure the effectiveness of promotions/advertising, and create their own original marketing plan for a professional sports team and for an original theme restaurant. Students will learn about college and career opportunities in career paths such as sports, entertainment and marketing fields, fashion marketing, advertising, public relations, as well as for any business major. This class is aligned to both the Marketing and Business Career Pathways.

Entrepreneurship**Credit:** 0.5

(Blended at Central)

Prerequisite: None**Grades offered:** 9-12

This one-semester course will focus on the global market of the 21st century and will equip students with the ability to communicate and sell their ideas using an entrepreneurial business venture; “Shark Tank” style. Interested in starting and running your own business? Are you planning on majoring in business administration, management, finance, accounting, marketing, personnel relations, or other business-related fields? Students will explore the process of establishing and operating a small business by developing an original business and marketing plan that applies the ideas of cash flow, overhead, investment and risk, and marketing effectiveness. Students will examine the practices of successful business operation through case studies, as well as real world research and development as it applies to their unique business venture, including the opportunity to share their ideas beyond the classroom. This class is aligned to both the Marketing and Business Career Pathways.

Personal Finance**Credit:** 0.5

Fulfills Consumer Education Requirement

Ancillary Fees: There is an approximate cost of \$25. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 10-12

In this one-semester course, students will develop the skills, habits, and practices essential to becoming financially literate, independent, responsible citizens and consumers in the 21st century. Students will demonstrate their skills and knowledge through a real life application project that will teach students how to navigate personal financial decisions in relation to earning and reporting income, buying goods and services, using credit, banking, protecting against risk, managing finances and budgeting. This course meets the consumer education requirement for graduation. This class is aligned to both the Marketing and Business Career Pathways.

Accounting 1A

Credit: 0.5 per semester

Prerequisite: None

Grades offered: 9-12

This one-semester course is designed to give students an introduction to many facets of accounting and provide an understanding of how financial decisions are made. Forensic, governmental and management accounting will be covered as well as financial accounting. Students will assume the role of an accountant in each of these areas by completing a long term, hands-on business project. The computer is introduced as an effective accounting tool. This class is excellent preparation for future business majors, those seeking to own their own business or those that want to learn about the many different types of accounting. **Juniors and seniors who complete both sections of this course and earn a “B” or higher will be eligible for articulated college credit coursework at the College of Lake County.** This class is aligned to the Marketing, Business and Finance Career Pathways.

Accounting 1B

Credit: 0.5 per semester

Prerequisite: Accounting 1A

Grades offered: 9-12

This one-semester course is designed to build on skills learned in Accounting 1A and begin applying accounting practices with financial decisions with students assuming the role of the accountant. Students will choose an area of accounting (Forensic, governmental and management accounting) and take a deeper dive into that career field. Students will be introduced to local apprenticeships in the accounting field through the partnership with the College of Lake County Apprenticeship Program. This class is aligned to the Marketing, Business and Finance Career Pathways.

Career Internship

Credit: 0.5

Prerequisite: Age 16 with junior level standing. Job placement will occur prior to the start of class and will be aligned to their identified career pathway. Students must provide their own transportation to work and meet criteria as stated in the student handbook for school parking permit. Students can use their current place of employment for this class.

Grades offered: 11-12 who are at least 16 years old with junior credit standing

A hybrid, semester-long course, the Career Internship provides students with career-specific “essential career readiness skills” in a classroom setting on a weekly basis, coupled with on-site internship hours at a partnering place of employment. Students enrolled in this program will utilize their Knights/Rams Block in conjunction with this class period to allow for classroom lessons or traveling to an internship site. Students must sign a contract agreeing to the parameters of the workplace portion of the class and must adhere to all workplace expectations to earn credit for it. Students can use their current place of employment for this class or work with our internship coordinator to help secure placement for the experience. This class can be taken for multiple semesters. **Dual Credit** is offered in this class through EWE 120 and EWE 220 (Job Skill Readiness and Internship) through the College of Lake County. This class can be aligned to the business or finance pathway.

Career and Technical Education

Family and Consumer Sciences

FCS AREAS	Freshman	Sophomore	Junior	Senior
Culinary	Culinary I	Culinary II	International Foods	Bakery
Teaching	Child Development & Education	Family Relations & Parenting	Teaching Practicum	Career Internship Teaching
			Career Internship in Culinary, Hospitality or Education	Career Internship in Culinary, Hospitality or Education

Course Title	Prerequisite	Credit	Grades offered
Culinary Arts I [^]	None	0.5	9-12
Culinary Arts II ^{^**}	Yes	0.5	9-12
Bakery Foods ^{^**}	Yes	0.5	10-12
International Foods ^{^**}	Yes	0.5	10-12
Family Relations and Parenting	None	0.5	9-12
Child Development & Education	None	0.5	10-12
Teaching Practicum [^]	Yes	0.5	10-12
Career Internship	None	0.5	11-12
See course descriptions for all prerequisites			

[^]Indicates a Course Fee

^{**}Prerequisites may be waived subject to teacher recommendation and student experience.

Culinary Arts I

Credit: 0.5

Course Fee: \$12.50

Ancillary Fees: There is an approximate cost of \$2. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grades offered: 9-12

In this one-semester, lab-based course, students will study the principles of nutrition, selection, preparation, and storage of food. Skills in this class are learned through class discussions, demonstrations and hands-on application in the kitchen. Principles are applied to the preparation of foods related to each unit while demonstrating safety and sanitation through food handling, storing, and preparation while establishing team collaboration and time management. Units of study include: essential culinary skills, fruits, eggs and dairy. This class is aligned to the Hospitality Career Pathway.

Culinary Arts II

Credit: 0.5

Course Fee: \$12.50 plus \$15 for certification

Ancillary Fees: There is an approximate cost ranging from \$5-\$10. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Successful completion of Culinary Arts I. Prerequisite may be waived subject to teacher recommendation and student experience.

Grades offered: 9-12

This one-semester, lab-based course is a continuation of Culinary Arts I and beginning certification of the food service industry. Students develop skills through principles of nutrition, selection, preparation, and storage of food. Skills in this class are learned through class discussions, demonstrations and hands-on application in the kitchen. These principles are then applied in laboratory experiences while establishing team collaboration and time management skills. Units include: grains, soups, salads, casseroles, meat, and poultry. ServeSafe Certification is earned through this class. This class is aligned to the Hospitality Career Pathway.

Bakery Foods

Credit: 0.5

Course Fee: \$12.50

Ancillary Fees: There is an approximate cost ranging from \$5-\$10. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Successful completion of Culinary Arts I and II or teacher recommendation

Grades offered: 10-12

This one-semester, lab based course develops preparation skills used in bakery foods such as breads, cake decorating, cookies, pies and candy. The final project for this class is the design and construction of a gingerbread house using the skills learned in the previous units. Skills in this class are learned through class discussions, demonstrations and hands-on application in the kitchen. Career opportunities are also explored. This class aligned to the Hospitality Career Pathway.

International Foods

Credit: 0.5

Course Fee: \$12.50

Prerequisite: Successful completion of Culinary Arts I and II or teacher recommendation

Grades offered: 10-12

Take a trip around the world! In this one-semester, lab-based course, students will learn about cultural, societal and physiological influences on food selections from a multitude of countries studied, including: United States, Mexico, Spain, Italy, France, Germany, Canada, Greece, China and Japan. Students will actively participate in labs as they discover the importance of the different types of ingredients that are used in regional cooking. The final project for this course includes a mystery basket cook off competition just like in the TV show "Chopped." This class is aligned to the Hospitality Career Pathway.

Family Relations and Parenting

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

This one-semester course is designed to expose students to the satisfactions, stresses, and responsibilities of the choices they make. The curriculum highlights social and emotional development of teens as they explore a variety of topics designed to help meet the needs of the challenges of life in a changing society. Students will gain and enhance understanding of self, increase awareness of others, develop healthy relationships, and heighten responsible decision making skills. Hands-on activities may include the "Baby Think It Over Project," Empathy Belly activity, baby care stations, as well as authentic and personalized applications to other learning experiences. **Dual & Articulated College Credit** is offered in this class through ECE 117 Creative Activities for Infants and Toddlers through the College of Lake County. Students have the option to earn high school credit and college credit through the same class. This class is aligned to both the Education / Teaching and Health Sciences Career Pathways.

Child Development & Education

Credit: 0.5

Course Fee: \$12.50

Ancillary Fees: There is an approximate cost ranging from \$8-\$10. In all cases the items purchased are the property of the student and may be kept. \$15 Gateways Certification Fee

Prerequisite: None

Grades offered: 10-12

In this one-semester course is for students interested in the teaching field, social work or psychology. Students will explore the world of the developing child by examining the physical, emotional, intellectual, social and moral development of children from birth to middle childhood. Students will learn the importance of working with young children, social and economic changes, as well as the careers, education and responsibilities of a teacher in a format useful to anyone who currently works with children or would like to work with them in the future. This course is the prerequisite for the Early Childhood Practicum Class. **Gateways Level One certification** will occur for students in this class. Topics of study include: overall development, current issues affecting children, guidance and planning stimulating activities. **Dual & Articulated College Credit** is offered in this class through ECE 141 Health, Safety & Nutrition for Young Children through the College of Lake County. Students have the option to earn high school credit and college credit through the same class. This class is aligned to both the Education/Teaching or Social Work Career Pathways.

Teaching Practicum

Credit: 0.5

Course Fee: \$12.50

Ancillary Fees: There is an approximate cost ranging from \$8-\$10. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Successful completion of Early Childhood Studies and/or teacher recommendation. Consideration will be given to attendance records when making recommendations.

Grades offered: 10-12

This one-semester course offers students the opportunity to intern in a school setting with elementary students at one of our local elementary schools 2-3 days a week and is for anyone interested in the teaching field, social work or psychology. Students will get to help prepare and teach lessons, observe children and assess individual children's developmental progress. This course provides a valuable opportunity for students to explore their interests in education or other fields related to working with children. Students will learn how to handle children's daily routines and how to create an elementary curriculum, as well as explore art and sensory experiences, storytelling, manuscript writing, music and movement, math, science and dramatic play. It is important that a student maintains a consistent and regular attendance record for success in this course. **Dual & Articulated College Credit** is offered in this class through ECE 116 Creative Activities for Young Children through the College of Lake County .Students have the option to earn high school credit and college credit through the same class. This class is aligned to both the Education/Teaching or Social Work Career Pathways.

Career Internship

Credit: .5

Prerequisite: Age 16 with junior level standing. Job placement will occur prior to the start of class and will be aligned to their identified career pathway. Students must provide their own transportation to work and meet criteria as stated in the student handbook for school parking permit. Students can use their current place of employment for this class.

Grades offered: 11-12 who are at least 16 years old with junior credit standing

A hybrid, semester-long course, the Career Internship provides students with career-specific "essential career readiness skills" in a classroom setting on a weekly basis, coupled with on-site internship hours at a partnering place of employment. Students enrolled in this program will utilize Knights/Rams Block in conjunction with this period to allow for classroom lessons or traveling to an internship site. Students must sign a contract agreeing to the parameters of the workplace portion of the class and must adhere to all workplace expectations to earn credit for it. Students can use their current place of employment for this class or work with our internship coordinator to help secure placement for the experience. This class can be taken for multiple semesters. **Dual Credit** is offered in this class through EWE 120 and EWE 220 (Job Skill Readiness and Internship) through the College of Lake County. This class can be aligned to the culinary, hospitality or education fields.

Career and Technical Education

Technical Education

Freshman	Sophomore	Junior	Senior
Exploring Technology	Exploring Technology	Exploring Technology	Exploring Technology
3D Modeling and Design	3D Modeling and Design	3D Modeling and Design	3D Modeling and Design
PLTW® Introduction to Engineering and Design - Honors	PLTW® Introduction to Engineering and Design - Honors	PLTW® Introduction to Engineering and Design - Honors	PLTW® Introduction to Engineering and Design - Honors
	PLTW® Principles of Engineering - Honors	PLTW® Principles of Engineering - Honors	PLTW® Principles of Engineering - Honors
	PLTW® Civil Engineering and Architecture - Honors	PLTW® Civil Engineering and Architecture - Honors	PLTW® Civil Engineering and Architecture - Honors
		PLTW® Engineering Design and Development - Honors	PLTW® Engineering Design and Development - Honors
Small Engines	Small Engines	Small Engines	Small Engines
Woodworking 1	Woodworking 1	Woodworking 1	Woodworking 1
Woodworking 2	Woodworking 2	Woodworking 2	Woodworking 2
Metalworking 1	Metalworking 1	Metalworking 1	Metalworking 1
Metalworking 2	Metalworking 2	Metalworking 2	Metalworking 2
		Career Internship in Engineering, Welding, Manufacturing, Automotive or Construction	Career Internship in Engineering, Welding, Manufacturing, Automotive or Construction

Course Title	Prerequisite	Credit	Grade Offered
Exploring Technology:	None	0.5	9-12
Graphic Art Production*	None	0.5	9-12
Small Engines	None	0.5	9-12
Woodworking 1 [^]	None	0.5	9-12
Woodworking 2 [^]	Yes	0.5	9-12
Metalworking 1 [^]	None	0.5	9-12
Metalworking 2 [^]	Yes	0.5	9-12
3D Modeling and Design	None	0.5	9-12
Project Lead the Way®: Introduction to Engineering Design Honors (IED)*	Yes	1.0	9-12
Project Lead the Way®: Principles of Engineering Honors (POE)*	Yes	1.0	10-12
Project Lead the Way®: Civil Engineering and Architecture Honors (CEA)*	Yes	1.0	11-12
Project Lead the Way®: Engineering and Design Honors (EDD)*	Yes	1.0	11-12
Career Internship	None	0.5	11-12

See course description for all prerequisites

*Indicates Course Fee

[^]Additional project fees probable and will depend on student project choices

Career Internship

Credit: 0.5 elective credit

Prerequisite: Age 16 with junior level standing. Job placement will occur prior to the start of class and will be aligned to their identified career pathway. Students must provide their own transportation to work and meet criteria as stated in the student handbook for school parking permit. Students can use their current place of employment for this class.

Grades offered: 11-12 who are at least 16 years old with junior credit standing

A hybrid, semester-long course, the Career Internship provides students with career-specific “essential career readiness skills” in a classroom setting on a weekly basis, coupled with on-site internship hours at a partnering place of employment. Students enrolled in this program will utilize Knights/Rams Block and this class period to allow for classroom lessons or traveling to an internship site. Students must sign a contract agreeing to the parameters of the workplace portion of the class and must adhere to all workplace expectations to earn credit for it. Students can use their current place of employment for this class or work with our internship coordinator to help secure placement for the experience. This class can be taken for multiple semesters. **Dual Credit** is offered in this class through EWE 120 and EWE 220 (Job Skill Readiness and Internship) through the College of Lake County.

This class can be aligned to the engineering, welding, manufacturing, automotive or construction fields.

Exploring Technology

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Engineering, Industrial Design, Architecture, Construction, Machining, Technical Drafting

This one-semester hands-on course offers students an overview of engineering design and production concepts in a project based environment. Students will apply mathematics and physics principles to their own working models to solve class competition based problems. Engineering concepts include conventional sketching and computer drafting and part design as well as calculated prototype part fabrication. Students will utilize industry standard three-dimensional design software to produce various parts, models and assemblies. Students will analyze part accuracy including fit and strength utilizing computer software before producing actual parts. This course is designed to give students exposure into the industrial design and engineering fields. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Graphic Arts Production

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Product Marketing, Graphic Designers, Printer, Team Apparel Agent

In this one-semester course, students will engage in a variety of learning activities that focus on Graphic Communications and Marketing Print Media. Students will have an opportunity to produce numerous projects some of which include; single color screen printed t-shirt, a thermal printed shirt, and contour cut decals. This course will allow students to make connections to traditional paper and pencil materials as well as digital art content areas, utilizing the Adobe Creative Suite, industry standard computer software, to produce graphic artwork. This class is aligned to the Arts, Marketing, Architecture, Construction, Manufacturing and Engineering Career Pathways.

Small Engines

Credit: 0.5

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Engine Technician, Auto Mechanics, Manufacturing, Machining

This widely hands-on, one-semester course focuses on the function and theory of engines; both hybrid and gas. Students will explore hybrid and electric power through building an electric vehicle. Topics will include hybrid batteries, high and low voltage systems, safety and maintenance. Students will learn the basics of the gas engine systems and their functions, as well diagnose performance issues. This class is aligned to the Architecture, Construction, Manufacturing, Transportation and Engineering Career Pathways.

3D Modeling & Design

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Engineering, Industrial Design, Automotive Design, Architecture, Construction, Tool and Die Manufacturing, Machining

3D modeling is the new standard in technical drawing and animation. Using industry standard software and specialty equipment, such as 3D printers, students will explore many areas of design, assembly, and rendering in multiple fields, ranging from architecture and engineering to animation and design. This one-semester class provides students with the basic knowledge and skills needed in modeling and design fields. **Dual College Credit** is offered in this class through CAD 110 via the College of Lake County. Students have the option to earn high school credit and college credit through the same class. This class is aligned to the Arts, Architecture, Construction, Manufacturing and Engineering Career Pathways.

Woodworking 1

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Woodworker, Craftsman, Furniture Maker, Carpenter

This one-semester introductory course teaches basic woodworking skills. These skills include blueprint reading, budgeting time, cost, and materials, wood identification and material selection, along with the proper and safe use of numerous hand and power tools used in industry. Using a variety of woodworking tools, students select and build projects suitable to their own skill set and timetable allotted in a one semester course. Projects vary and are based on student choice and skill. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Woodworking 2

Credit: 0.5

Course Fee: \$12.50

Prerequisite: Successful completion of Woodworking 1

Grades offered: 9-12

Career Related Fields: Woodworker, Craftsman, Furniture Maker, Carpenter, Luthier

This one-semester course teaches advanced woodworking skills. Beyond the traditional tools found in a workshop, a computer controlled laser router is used to enhance skills and add to the students' experience with tools used in today's industry such as a CNC machine. Within this offering all of the power machinery found in the lab is revisited and made available for student use, along with the proper and safe use of numerous hand tools. Using a variety of woodworking tools, students select and build more elaborate woodworking projects. Popular projects include; electric guitars, acoustic ukuleles, trunks and chests and hallway tables. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Metalworking 1

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

Career Related Fields: Machinist, Tool and Die, Engineer, Welder, Custom Part Fabrication, CNC Tool Operator

This one-semester course focuses on core skills in the area of machining, sheet metal and wrought iron forming, and welding. Students will have extensive lab activities in each of the three areas. Students will have opportunities to operate a CNC plasma cutter to produce sheet metal parts. After completing the core of required activities, students will create multiple projects using the skills developed in the course. These may include; tool boxes, charcoal chimneys and garden ornaments. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Metalworking 2

Credit: 0.5

Course Fee: \$12.50

Prerequisite: Successful completion of Metalworking 1

Grades offered: 9-12

Career Related Fields: Machinist, Tool and Die, Engineer, Welder, Custom Part Fabrication, CNC Tool Operator

This one-semester course focuses on building and refining core skills in the areas of machining, and welding developed in Metalworking 1. The focus of the training changes from that of pure skill acquisition to one of problem solving and research. Students will have opportunities to operate a CNC plasma cutter to produce production and custom parts. Students have an opportunity to utilize skills in design and teamwork to produce large projects to service the needs of the community. These may include, park benches, decorative trash can housings, garden and lawn ornaments. **Dual College Credit** is offered in this class through MLT 110 & MLT 170 via the College of Lake County. Students have the option to earn high school credit and college credit through the same class. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Project Lead the Way®: Introduction to Engineering and Design - Honors

Credit: 1.0

Course Fee: \$12.50

Prerequisite: Concurrent enrollment in or completion of Algebra

Grades offered: 9-12

Career Related Fields: Engineering, Architecture, Industrial Design, Science, Math

This two-semester course is an introduction to engineering design and scientific concepts. Students will develop problem-solving skills and product analysis through the design and development process. Technical drawings, models, and prototypes are created, analyzed, and communicated using industry standard equipment and software. Autodesk software such as Inventor, Revit, Fusion and RobotC will be introduced in this class. Introduction to Engineering Design is intended to serve as a foundation course within the Project Lead the Way® course sequence. Students are expected to take the college credit examination as part of this course. **Instructional themes:** Design process, technical sketching & drawing, measurement statistics, modeling skills, geometric design, reverse engineering, team design and design challenges. **Dual College Credit** is offered in this class through CAD 111 via the College of Lake County. Students have the option to earn high school credit and college credit through the same class. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Project Lead the Way® Principles of Engineering - Honors

Credit: 1.0

Course Fee: \$12.50

Prerequisite: PLTW: Introduction to Engineering Design or concurrent enrollment in Physics or teacher recommendation

Grades offered: 10-12

Career Related Fields: Engineering, Architecture, Industrial Design, Science, Math

This two-semester course is a continuation of the Project Lead the Way® sequence. It introduces students to major concepts that they will encounter in a postsecondary engineering course of study. Autodesk software such as Inventor, Revit, Fusion and RobotC will be used in this class. Students develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Students are expected to take the college credit examination as part of this course. **Instructional themes:** mechanisms, energy, statics, materials and kinematics. **Dual College Credit** is offered in this class through CAD 170 via the College of Lake County. Students will earn high school credit and college credit through the same class. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Project Lead the Way®: Civil Engineering and Architecture - Honors

Credit: 1.0

Course Fee: \$12.50

Prerequisite: Completion of Algebra

Grades offered: 10-12

Career Related Fields: Engineering, Architecture, Industrial Design, Science, Math

In this capstone two-semester course provides students an overview of Architecture and Civil Engineering. Students will learn important aspects of architecture, building construction, site design, and structural development and how Architecture and Civil Engineering rely on each other. **Instructional themes:** math, science, history, standard engineering practices, design of both residential and commercial projects and documentation of work using 3-D architectural design software. They will work in teams to design and develop original solutions to a valid open-ended design problem by applying the engineering design process. The students will demonstrate, share, present, and defend their solutions as an authentic part of the design process. Students are expected to take the college credit examination as part of this course. This class is aligned to the Architecture, Construction, Manufacturing and Engineering Career Pathways.

Project Lead the Way®: Engineering Design and Development - Honors

Credit: 1.0

Course Fee: \$12.50

Prerequisite(s): Completion of Principles of Engineering and/or teacher recommendation.

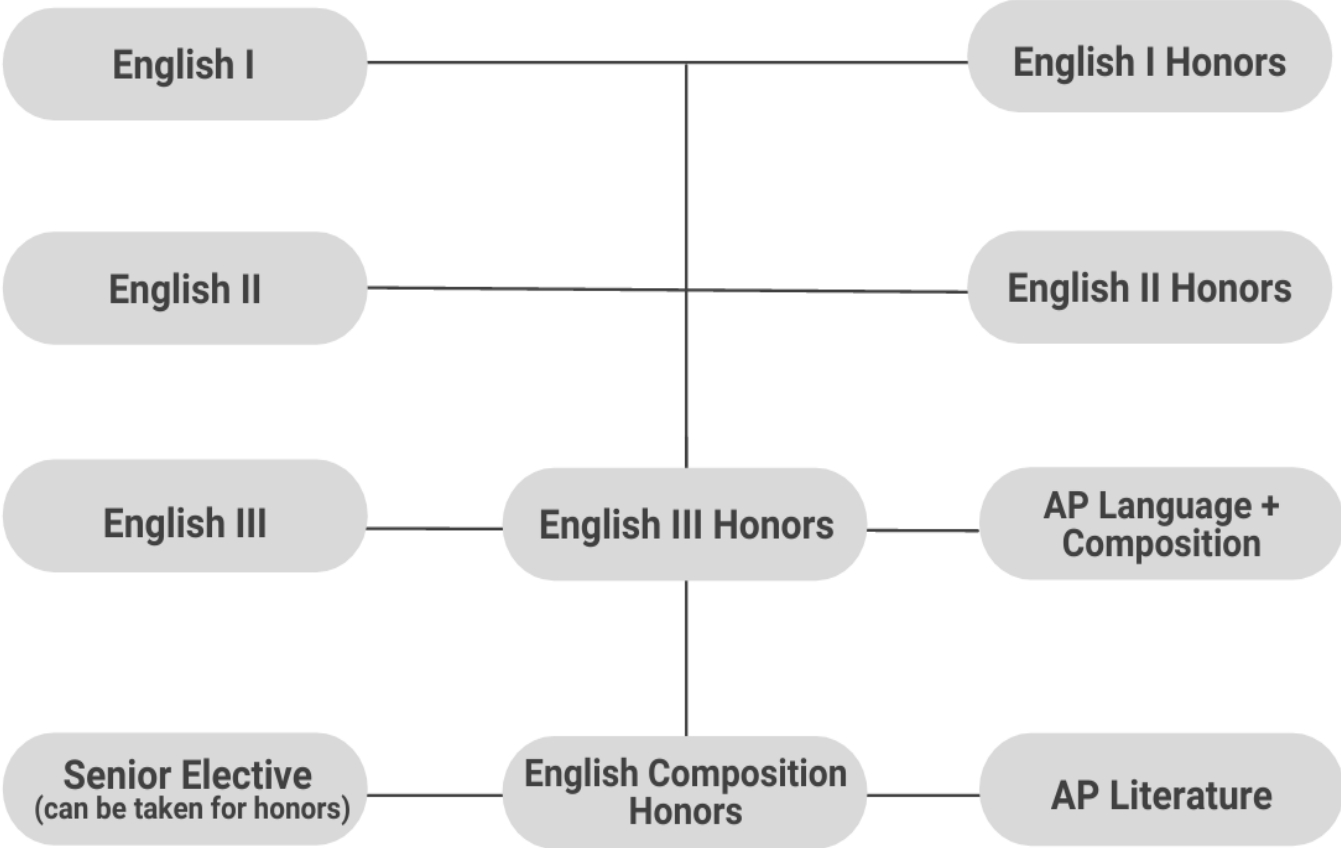
Grades offered: 11-12

Career Related Fields: Engineering, Architecture, Industrial Design, Science, Math

In this final course in the PLTW pathway in which students will explore the workplace and contribute to finding solutions and making a difference in their community. This capstone two-semester course has students work in teams to design and develop an original solution to a valid, open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions with the potential of working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel. This class is aligned to the Manufacturing and Engineering Career Pathways.

English Requirements

Grades 9, 10, 11, and 12



Course Title	Prerequisite	Credit	Grades offered
English I	No	1.0	9
English I Honors	Yes	1.0	9
English II	No	1.0	10
English II Honors	Yes	1.0	10
English III	No	1.0	11
American Studies Honors	Yes	2.0	11
English III Honors	Yes	1.0	11
Advanced Placement English Language and Composition - Blended at Central	Yes	1.0	11
World Literature I	No	0.5	12
World Literature II	No	0.5	12
English Composition Honors	Yes	1.0	12
Advanced Placement English Literature & Composition	Yes	1.0	12
Broadcast Journalism and Television Production (Earned Honors Available) - Blended	No	1.0	9-12
Journalistic Writing and Analysis I (Earned Honors Available) - Blended	No	1.0	9-12
Journalistic Writing and Analysis II (Earned Honors Available) - Blended	Yes	1.0	10-12
Journalistic Writing and Analysis 2 Honors - Blended	Yes	1.0	10-12
Yearbook Journalism - Blended	None	1.0	9-12
Yearbook Journalism Honors - Blended	Yes	1.0	10-12
Contemporary Novels (Earned Honors Available)	No	0.5	11-12*
Diverse Voices in Literature (Earned Honors Available)	No	0.5	11-12*
Grammar and Composition: Writing for Life (Earned Honors Available)	No	0.5	11-12*
Speech Communication (Earned Honors Available)	No	0.5	11-12*
Studies in Literature and Film (Earned Honors Available)	No	0.5	11-12*
The Stories We Tell (Earned Honors Available)	No	0.5	11-12*
Writing Workshop (Earned Honors Available)	No	0.5	11-12*

* denotes a 10th grade student can take this elective with a teacher recommendation

English I

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grade offered: 9

This two-semester course is designed to give students an overall view of composition and literary analysis, and an introduction to literary genres. As such, it establishes a foundation in the components of high-quality writing, an awareness of how literary elements create meaning, and an understanding of the differences of purpose and style of different modes of writing as expressed through The Common Core. This course also focuses on increasing vocabulary skills, speaking skills, and using an understanding of grammar to improve writing.

English I Honors

Credit: 1.0

Ancillary fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Placement by recommendation and/or meeting or exceeding on PSAT 8

Grade offered: 9

This two-semester course is the first of the honors sections, and its initial purpose is the same as Freshman English: to give students an overall view of composition and literary analysis, and an introduction to literary genres. As such, it establishes a foundation in the components of high-quality writing, an awareness of how literary elements create meaning, and an understanding of the differences of purpose and style of various modes of writing as expressed in The Common Core. The traditional, classical works studied in honors require more in-depth study than is usual in the other levels. This course concentrates on developing strong verbal skills and provides a solid foundation for students seeking the rigor of higher level coursework.

English II

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grade offered: 10

This two-semester course builds upon the initial skills developed in Freshman English. A more intensive focus is placed on the study of novels through a thematic approach. Students focus on Common Core elements of effective communication skills through research, analytical writing, public speaking, and exposure to a variety of literary genres.

English II Honors**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** Completion of English I or English I (H) or by recommendation or meeting or exceeding on PSAT 9**Grade offered:** 10

This two-semester course is a continuation of Freshman English Honors, offering an in-depth study of a wide variety of literature that focuses on the duality of man's nature. Selections range from classical to modern fiction. Extensive expository writing is done in this class, with emphasis placed on critical analysis as reflected in The Common Core.

English III**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grade offered:** 11

This two-semester course focuses on the study of American literature and emphasizes the impact of societal forces on the literary world. The course follows a fairly chronological sequence to recognize more clearly what exactly makes up the "American experience" and how this experience has expressed itself through literature. Key outcomes of the course are reading with an analytical eye, writing for a purpose, assessing grammatical-rhetorical strategies, and conducting research as reflected in The Common Core.

American Studies Honors**Credit:** 2.0**Ancillary Fees:** There is an approximate cost ranging from \$25-\$50 for the U.S. History component of the course. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 11-12

This two-semester Honors course offers an integrated approach to the study of American history and literature with the development of composition, reading, and research skills. Students are scheduled for consecutive periods of U.S. History and Junior English, allowing separate study of the two disciplines, as well as activities which integrate the study of our nation's history and its literature. A key emphasis of the course is student-driven civic engagement and research into local and regional history. The two-period class fulfills the graduation requirement of one year of U.S. History and one year of English.

English III Honors**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$30-\$40. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** English I and II. Meeting or exceeding on PSAT 10 automatically qualifies a student for this course.**Grade offered:** 11

This two-semester course is the study of American Literature as viewed through the lens of the American experience - historical, political, cultural and economic. To that end, we will follow a fairly chronological sequence of such events to better recognize what exactly makes up the "American experience" and how this experience has expressed itself through literature and ultimately the students' own diverse experiences. Challenging tasks include the junior research paper, and critical reading, writing and speaking experiences as expressed through The Common Core.

Advanced Placement English Language and Composition**Credit:** 1.0

(Blended at Central)

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** English II Honors or placement by recommendation or meeting or exceeding on PSAT**Grade offered:** 11

This two-semester course is for juniors who wish to explore the relationship between the content of selected American works and the artistic choices writers make in shaping the language of those works. The reading includes American literature, particularly nonfiction, from various historical periods. This class is inquiry-based, and, as such, students' active engagement in class discussions is essential. This course progresses toward the Advanced Placement exam in May, accepted by many universities as proof of college-level work.

World Literature I**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grade offered:** 12

This one-semester course builds upon the skills students developed in previous English classes. Emphasis is placed on the study of strategies for researching, writing, and reading at the college level. Students will study a variety of texts, considering the literature through philosophical lenses. Critical thinking in the areas of reading, writing, and speaking mirror expectations within The Common Core.

World Literature II

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grade offered: 12

This one-semester course builds upon the skills students developed in World Literature I. Emphasis is placed on the study of strategies for researching, writing, and reading at the college level. Students will study a variety of texts, considering the literature through philosophical lenses. Critical thinking in the areas of reading, writing, and speaking mirror expectations within The Common Core.

English Composition Honors

Credit: 1.0 HS. English and potentially 3 hours of credit at CLC for English 121

(Blended option at Central)

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Completion of English III honors or higher, or by teacher recommendation, or by meeting or exceeding on the PSAT NMSQT/SAT

Grade offered: 12

This course is designed to help students develop their competence in college-level writing and in the analysis of texts so they can enter the dialogue of the academic community. This course includes the analysis and practice of argument and the use of critical thinking to read, analyze and produce college-level texts. This college-level writing course will explore reading non-fiction and fiction; as such, it will achieve broad preparation in the area of critical analysis and argumentation.

Advanced Placement English Literature and Composition

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Completion of English III honors or by teacher recommendation, or higher or by meeting or exceeding on the PSAT NMSQT/SAT

Grade offered: 12

This two-semester course is for seniors who are passionate about literature and writing. The course focuses on the close reading of literature and employment of language to create meaning. The Literature focuses on various periods and genres, with a heavy concentration on poetry. A.P. Literature is taught as a freshman-level college course, with a goal of the independent work and critical thinking required at the university level. The class is inquiry-based, and, as such, students' active engagement in class discussions is essential. A.P. English Literature and Composition progresses toward the Advanced Placement exam in May, accepted by many universities as proof of college-level work. Students planning to graduate early are discouraged from taking this course.

Broadcast Journalism and Television Production (Earned Honors Available)**Credit:** 0.5

(Blended)

Ancillary Fees: There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None (Honors placement by recommendation)**Grades offered:** 9-12

This two-semester course serves as an introduction to broadcast journalism and television production. It provides students with a basic foundation in video technology that will allow them to create effective and informative news and editorial segments. In addition, it also develops student competencies by tapping high-level thinking skills to translate an idea into an effective video segment. Students also concentrate on combining the printed work with the visual aspects of video production. Ultimately, it prepares the student to be a productive member of a school video team. The course may be repeated for credit. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum. Please Note: Rising juniors interested in enrolling in this course should be sure that Division 1 schools, colleges, and/or universities will accept this course for English credit.

Journalistic Writing and Analysis I (Earned Honors Available)**Credit:** 1.0

(Blended)

Ancillary Fees: There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 9-12

This two-semester course emphasized the study of journalistic writing in a multimedia society. Students begin by learning about journalistic writing and the basics of journalistic responsibilities, including learning to write in and analyze the styles of news, features, sports and opinion. Content also focuses on journalistic responsibilities as they fall within press law and ethics. The focus then changes to the technological, research and application aspects of journalism. Students use their analytical, research, interviewing and writing skills to develop, craft and present stories in a newspaper and web page format. Throughout the year, students develop their stories with word processing software, design and lay out the newspaper and web pages with the most current and popular desktop publishing software, which they will learn to use in this course. Students additionally learn and apply skills in photojournalism, both visual analysis and use, and InDesign. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum. Please Note: Rising juniors interested in enrolling in this course should be sure that Division 1 schools, colleges, and/or universities will accept this course for English credit.

Journalistic Writing and Analysis II (Earned Honors Available)

Credit: 1.0

(Blended)

Ancillary Fees: There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Credit in Journalistic Writing and Analysis 1

Grades offered: 10-12

This two-semester course emphasizes the study of journalistic writing in a multimedia society beyond the basics. Students begin by refreshing their skills about journalistic writing and journalistic responsibilities within press law and ethics, including writing in and analyzing the styles of news, features, sports and opinion. Students review analytical and writing skills while, simultaneously, developing, crafting and presenting stories in a newspaper, web page format and through other media means. Students write, layout, design, and edit the entire paper, web page and media with a state-of-the-art desktop publishing program: InDesign. A student may enroll in this course more than one year to earn additional credits. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum. Please Note: Rising juniors interested in enrolling in this course should be sure that Division 1 schools, colleges, and/or universities will accept this course for English credit.

Yearbook Journalism

Credit: 1.0

(Blended)

Ancillary Fees: There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grades offered: 9-12

This two-semester course is focused on reading, analysis, and application of journalistic writing in a publication. All members of this course analyze published journalistic articles from various sources and mediums as a means to clearly identify the different aspects of sound journalism. To promote correct journalistic writing, students will also learn the specifics of journalism law in accordance with the current state laws; students will analyze their own writing that is published within the school yearbook to ensure it abides by these laws. In addition, all students have major roles of responsibility in the editing and design of the yearbook. Layout and design are done with a state-of-the-art publishing program which they will learn to use in this course. Students additionally learn skills in photography by analyzing examples of photojournalism from various publications and apply these skills as they shoot and choose photographs for the yearbook. Students may enroll in this course more than one year to earn additional credit. Please Note: Rising juniors interested in enrolling in this course should be sure that Division 1 schools, colleges, and/or universities will accept this course for English credit.

Yearbook Journalism Honors

Credit: 1.0

(Blended)

Ancillary Fees: There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: Credit in Yearbook

Grades offered: 10-12

This two-semester course gives honors credit to those students chosen as section editors of the yearbook. Editors have a higher level of responsibility in producing the yearbook, editing peer staff writing, and publishing spreads. Skills and responsibilities that editors will be taught, practice, and master are the following (but not limited to): time management, journalistic writing and editing, photo analysis and editing, critiquing, critically deciding content, handling controversial issues and ethical dilemmas by applying journalistic law, deadline enforcement, sales techniques and application, design planning and layout, and more. The number of editors will depend on the size of the staff and the number of pages and sections in the book. Editors have a higher level of responsibility in the production of the yearbook and have a much greater time commitment. Editors are chosen based upon their application and their performance in Yearbook, Journalism I, or English class. This course may be taken more than one year for additional credit. Please Note: Rising juniors interested in enrolling in this course should be sure that Division 1 schools, colleges, and/or universities will accept this course for English credit.

Contemporary Novels (Earned Honors Available)

Credit: 0.5

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grades offered: 11-12 (or with teacher recommendation)

This one-semester course features selected works of modern fiction. Students in this class study novels written since WWII, focusing on thematic issues and stylistic patterns characteristic of modern works. Activities related to each novel include independent and guided reading, class discussions, and writing projects as reflected in The Common Core. As a result of this curriculum, students gain more familiarity with contemporary authors and the similarities they share with other post-WWII writers. Junior English should be taken before or concurrently with this course. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Diverse Voices in Literature (Earned Honors Available)

Credit: 0.5

Ancillary Fees: There is an approximate cost ranging from \$25-\$50. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None (Honors placement by recommendation)

Grades offered: 11-12 (or with teacher recommendation)

In this one-semester course students will explore authors who represent voices usually excluded from study in English courses. We will read authors who represent diverse racial, religious, gender and sexual orientation perspectives. This class will use historical, social justice, and feminist lenses in the reading of fiction, non-fiction, poetry and other electronic mediums to explore these different cultural journeys. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Grammar and Composition: Writing for Life (Earned Honors Available)**Credit:** 0.5**Ancillary Fees:** There is an approximate cost ranging from \$20-\$30. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 11-12 (or with teacher recommendation)

This one-semester course focuses on writing concepts and their applications. In this course, students have an opportunity to compose pieces in a variety of rhetorical modes. In each assignment, the emphasis is on the clear articulation of a thesis, thoughtful organization and analysis, stylistic choices, and clear editing. Throughout the course, students gain a greater awareness of the writing process and the power of a writer's voice in the development of ideas. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Speech Communication (Earned Honors Available)**Credit:** 0.5**Ancillary Fees:** There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None (Honors placement by recommendation)**Grades offered:** 11-12 (or with teacher recommendation)

This one-semester course covers a broad spectrum of topics in the field of speech communication. The emphasis is on developing the skills of effective communication. Students will be required to prepare several speeches. Participation is essential as this is a hands-on, activity-based class. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Studies in Literature and Film (Earned Honors Available)**Credit:** 0.5**Ancillary Fees:** There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 11-12 (or with teacher recommendation)

This one-semester course explores the technology and themes of film, and is designed to help students develop critical viewing skills. The course covers various cinematic concepts, the language of film, and the themes of different genres, and an analysis of acting. Students should plan to give informative and persuasive presentations, conduct research on multiple topics, read and analyze critical essays on film, and complete a major film project. Academic writing is required. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

The Stories We Tell (Earned Honors Available)**Credit:** 0.5**Ancillary Fees:** There is an approximate cost ranging from \$30-\$40. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 11-12 (or with teacher recommendation)

This one-semester course explores techniques used in narration in both the written and spoken form. Students examine various narrative techniques. They also learn how to write narration and tell their own stories. In both instances, students then work on transforming the written word to the spoken word and have several opportunities to study and practice speaking/storytelling techniques. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Writing Workshop (Earned Honors Available)**Credit:** 0.5**Ancillary Fees:** There is an approximate cost ranging from \$10-\$20. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** None (Honors placement by recommendation)**Grades offered:** 11-12 (or with teacher recommendation)

This one-semester course focuses on exploring writing beyond critical augmentation so that students can explore creative expression. As a portfolio based class, the workshop begins with a series of explorations that feature different skills and techniques for generating, developing, and refining ideas. Students then move on to more in-depth work on selected types of writing. Portfolios include both finished and unfinished pieces of varying genres and lengths. Writing Workshop enriches students' understanding and experience of the craft of writing and helps them discover the potential of their own creative ideas and the many ways that these ideas can be effectively conveyed in writing. Seniors may also enroll in this course for Honors credit. Students will earn honors credit through participation in deeper analysis, more complex tasks, and more challenging readings than are part of the regular curriculum.

Music

Freshman	Sophomore	Junior	Senior
Concert Band	Concert Band	Concert Band	Concert Band
Symphonic Band (H)	Symphonic Band (H)	Symphonic Band (H)	Symphonic Band (H)
Wind Ensemble (H)	Wind Ensemble (H)	Wind Ensemble (H)	Wind Ensemble (H)
Concert Choir	Concert Choir	Concert Choir	Concert Choir
Treble Choir (H)	Treble Choir (H)	Treble Choir (H)	Treble Choir (H)
Mixed Choir (H)	Mixed Choir (H)	Mixed Choir (H)	Mixed Choir (H)
Guitar I (one semester)	Guitar I (one semester)	Guitar I (one semester)	Guitar I (one semester)
Guitar II (one semester)	Guitar II (one semester)	Guitar II (one semester)	Guitar II (one semester)
String Ensemble	String Ensemble	String Ensemble	String Ensemble
Music Appreciation (one semester)	Music Appreciation (one semester)	Music Appreciation (one semester)	Music Appreciation (one semester)
	AP Music Theory (two semester)	AP Music Theory (two semester)	AP Music Theory (two semester)

Course Title	Prerequisite	Credit	Grade offered
Concert Band*	Yes	1.0	9-12
Symphonic Band Honors*	Yes	1.0	9-12
Wind Ensemble Honors*	Yes	1.0	9-12
Concert Choir*	None	1.0	9-12
Treble Choir Honors*	Yes	1.0	9-12
Mixed Choir Honors*	Yes	1.0	9-12
Guitar I	None	0.5	9-12
Guitar II	None	0.5	9-12
String Ensemble*	Yes	1.0	9-12
Music Appreciation	None	0.5	9-12
Advanced Placement Music Theory	Yes	1.0	10-12
*Indicates course fee See course description for all prerequisites			

Concert Band

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: Prior band experience

Grades offered: 9-12

This two-semester course is designed for instrumentalists focusing on defining a fundamental skill set. The course emphasizes the refinement of performance techniques and interpretive skills while moderate levels of music of diverse styles and historical periods are rehearsed and performed. Performance opportunities provide students comprehensive musical experience. Units in the curriculum include marching band, preparation for the winter concert, pep band, solo and ensemble contest, and preparation for the spring concert and graduation performances. The marching band portion of the curriculum includes performances at competitions, local parades, and home football games. Pep band performances are held at varsity home basketball games and school assemblies. Other performance opportunities include the winter and spring concerts, district festivals, performances at local schools, community functions and competitions. The above activities may vary from year to year. This course may be repeated for additional credit.

Symphonic Band Honors

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: Placement by audition and/or recommendation

Grades offered: 9-12

This two-semester course is designed for instrumentalists focusing on refining an Intermediate skill set. The continued refinement of performance techniques and interpretive skills is emphasized while advanced levels of music of diverse styles and historical periods are rehearsed and performed. Performance opportunities provide students with a comprehensive musical experience. Units in the curriculum include marching band, preparation for the winter concert, pep band, solo and ensemble contest, and preparation for the spring concert and graduation performances. The marching band portion of the curriculum includes performances at competitions, local parades and home football games. Pep band performances are held at varsity home basketball games and school assemblies. Other performance opportunities include the winter and spring concerts, district festivals, performances at local schools, community functions and competitions. Students in this honors level band course are also required to complete a project and a portfolio which draw upon their personal musical strengths and experiences. The above activities may vary from year to year. This course may be repeated for additional credit.

Wind Ensemble Honors

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: Placement by audition and/or recommendation

Grades offered: 9-12

This two-semester course is designed for instrumentalists with an advanced skill set. Performance techniques and interpretive skills are emphasized while collegiate or professional levels of music of diverse styles and historical periods are rehearsed and performed. Performance opportunities provide students with a comprehensive musical experience. Units in the curriculum include, marching band, preparation for the winter concert, pep band, solo and ensemble contest, and preparation for the spring concert and graduation performances. The marching band portion of the curriculum includes performances at competitions, local parades, and home football games. Pep band performances are held at varsity home basketball games and school assemblies. Other performance opportunities include the winter and spring concerts, district festivals, performances at local schools, community functions and competitions. Students in this honors level band course are also required to complete a project and a portfolio which draw upon their personal musical strengths and experiences. The above activities may vary from year to year. This course may be repeated for additional credit.

Concert Choir

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: None

Grades offered: 9-12

Concert choir students sing a variety of choral literature to expand musicianship and vocal techniques such as breathing, balance, and coordination. Concert choir expands upon previous choral experience, but prior ensemble singing experience is not required. Performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Concert black concert attire will be acquired by and kept by each student.

Treble Choir Honors

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: Concert Choir, placed by audition and/or recommendation

Grades offered: 9-12

Treble Ensemble Honors students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic discernment. This choir consists of treble voices. Students selected to be part of this ensemble sing an audition to demonstrate their aural and vocal abilities. Performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Concert black concert attire will be acquired by and kept by each student.

Mixed Choir Honors

Credit: 1.0

Course Fee: \$25 payable each semester directly to the district

Ancillary Fees: Students will need to provide their own concert black attire. In all cases, the items are the property of the student and may be kept.

Prerequisite: Concert Choir, placement by audition and/or recommendation

Grades offered: 9-12

Students build on previous choral experience to expand vocal, technical, musical, and ensemble skills through rehearsal, performance, and study of high-quality choral literature. Singers focus on increasing knowledge of music theory, music literacy, and aesthetic discernment. This choir consists of mixed soprano, alto, tenor, and bass voices. Students selected to be part of this ensemble sing an audition to demonstrate their aural and vocal abilities. Performances may serve as a culmination of specific instructional goals. Students may be required to attend and/or participate in rehearsals and performances outside the school day to support, extend, and assess learning in the classroom. Concert black concert attire will be acquired by and kept by each student.

Guitar I**Credit:** 0.5**Ancillary Fees:** There is an approximate cost of \$15 for the book. In all cases, the items purchased are the property of the student and may be kept.**Prerequisite:** None**Grades offered:** 9-12

This one-semester course will introduce the basics of the guitar. Students will learn the basics of the instrument, including tuning, melody playing, chords, rhythm patterns and beginning performance. Students will make connections by participating together in ensembles. Guitars will be provided to students, but having their own at home for practice would be helpful.

Guitar II**Credit:** 0.5**Ancillary Fees:** There is an approximate cost of \$15 for the book. In all cases, the items purchased are the property of the student and may be kept.**Prerequisite:** Successful completion of Guitar I. Prerequisite may be waived subject to teacher recommendation and student experience.**Grades offered:** 9-12

This one-semester course is a continuation of Guitar I. Students will add to their skills in playing and reading chords, notes, tuning, melody playing, rhythm patterns performance and tablature. Students will develop confidence and draw on their personal strengths in playing. Guitars will be provided to students, but having their own at home for practice would be helpful.

String Ensemble**Credit:** 1.0**Course Fee:** \$25**Prerequisite:** Prior string performance experience or placement by recommendation**Grades offered:** 9-12

This two-semester course is designed to further students' musical development in string instrument performance. Multiple levels of literature for string quartet and string orchestra are studied along with proper articulation, tone quality, intonation, bowing technique, and musicianship. Activities of String Ensemble include fall, winter, spring concerts and contests.

Music Appreciation**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9-12

This one-semester course is designed to satisfy a number of musical interests. Emphasis is based upon learning more about the five aspects of music: listening, playing, creating, singing, and dancing. Students will engage in projects that will investigate how music throughout history has reflected and influenced social, religious, political, and historical trends. This is a class for which no previous musical background is needed other than a passion for music and a willingness to pursue knowledge in many musical areas.

Advanced Placement Music Theory**Credit:** 1.0**Prerequisite:** Previous academic musical experience and department chair approval.**Grades offered:** 10-12

This two-semester course is designed to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The achievement of these goals may be best approached by initially addressing fundamental aural, analytical, and compositional skills using both listening and written exercises. Building on this foundation, the course should progress to include more creative tasks, such as the harmonization of a melody by selective appropriate chords, composing a musical bass line to provide two-voice counterpoint, and the realization of figured-bass notation. This course is designed to prepare the student for the AP Music Theory Exam. Students will cover topics including the basic elements of music construction, as well as advanced analysis techniques and ear training. The student's ability to read and write musical notation is imperative. It also assumes that the student has acquired (or is acquiring) at least basic performance skills in voice or on an instrument.

Music Production I**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9-12

Music Production will help students explore the fundamentals of music production, sound systems and their components, music recording, sample compositions, and the music industry. Students will also explore the inner workings of the music industry from a historical and cultural perspective and extend their musical awareness beyond music they are currently familiar with including music in advertising, radio, films and television. Upon completion of the course, students will be able to set-up and run live sound, record music in a studio setting, and produce brief audio works.

Music Production II**Credit:** 0.5**Prerequisite:** Completion of Music Production I**Grades offered:** 9-12

This one-semester course is a continuation of Music Production I. Students will focus on advanced production techniques and audio engineering.

Theatre

Freshman	Sophomore	Junior	Senior
Theatre I (one semester)	Theatre I (one semester)	Theatre I (one semester)	Theatre I (one semester)
Theatre II (one semester)	Theatre II (one semester)	Theatre II (one semester)	Theatre II (one semester)
Studio Theatre Company (one semester)	Studio Theatre Company (one semester)	Studio Theatre Company (one semester)	Studio Theatre Company (one semester)

Course Title	Prerequisite	Credit	Grades offered
Theatre I	None	0.5	9-12
Theatre II	Yes	0.5	9-12
Studio Theatre Company	Yes	0.5	9-12
See course descriptions for all prerequisites			

Theatre I

Credit: 0.5

Prerequisite: None

Grades offered: 9-12

In this one-semester course, students will explore the creative process of theatre as they draw upon their personal strengths and experiences. Students will be directly involved in making theatre while working together to solve problems and express ideas. Students will apply the principles and elements of theatre while creating pieces for performance. With the confidence and character gained from their experience, students will participate in a performance open to the school. This course is open to all students and appropriate for students with little or no theatre experience.

Theatre II**Credit:** 0.5**Prerequisite:** Theatre I or instructor approval**Grades offered:** 9-12

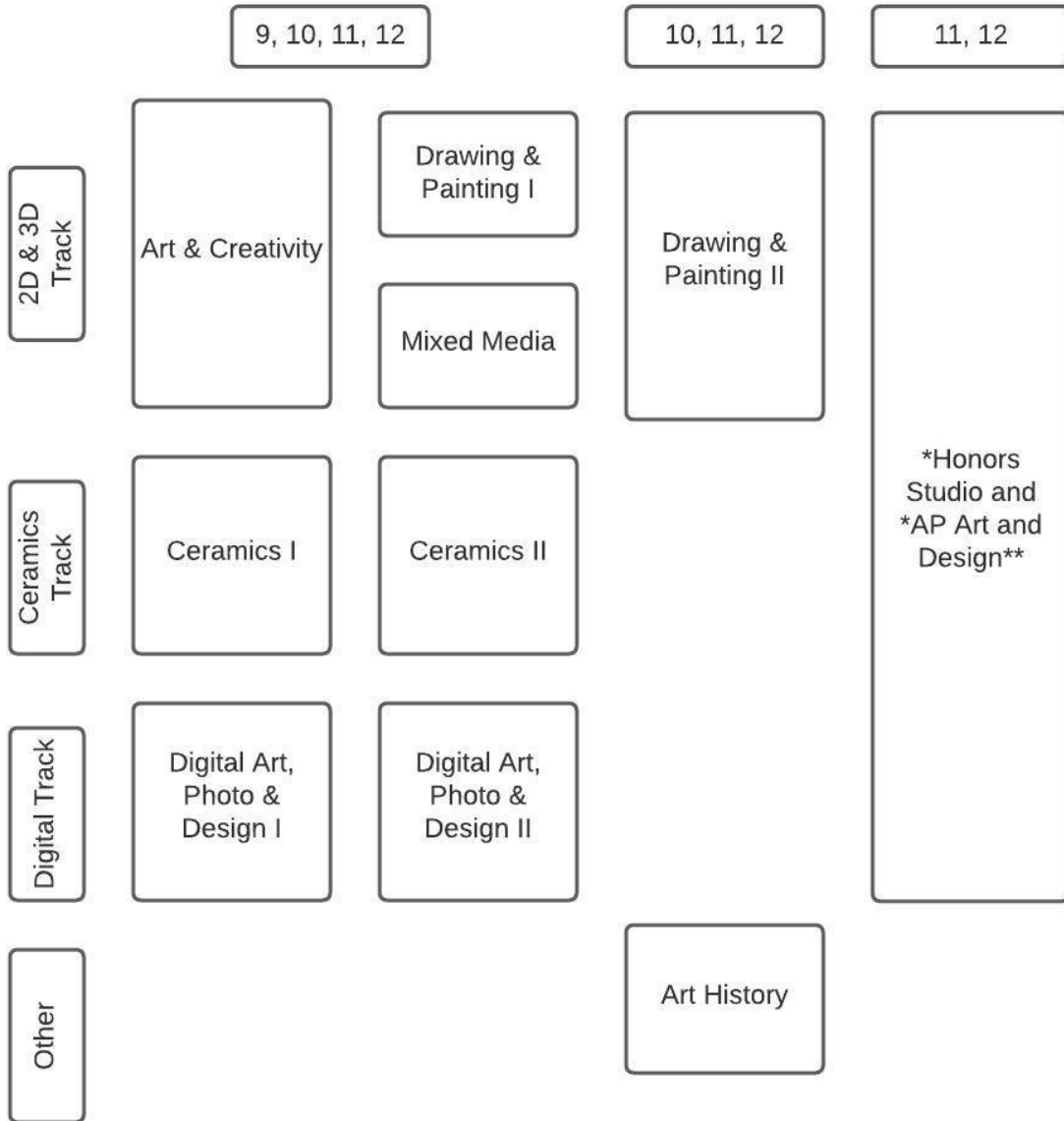
This one-semester course is designed for the student who is interested in further exploration of creating theatre. Students will continue to develop and refine theatre skills and personal strengths through active experience in the creative process. Students will vary their roles as they solve problems together to create innovative pieces of theatre. With the confidence and character gained from their experience, students will participate in a performance open to the school and the larger community.

Studio Theatre Company**Credit:** 0.5**Prerequisite:** Theatre I, II, or participation in extracurricular theatre program**Grades Offered:** 9-12

Studio Theatre Company is a course for students with previous theatre experience who are interested in studying advanced concepts in design, acting, and directing. Students in the course will form a theatre company and take on the roles of actors, directors, dramaturgs, designers, and technicians in order to produce short works together. The monologues, scenes, and short plays performed in the class will be selected based on students' interests and relevance to the moment. This is a blended course, students will be able to utilize their experiences in the Green Room and Encore Companies in conjunction with this course. Students may repeat this course for credit.

Visual Arts - Central

Central Art Course Sequence



***Prerequisite for Honors and AP Studio Art: Teacher recommendation and at least three semesters of Visual Arts courses.**

****All courses are single semester except AP Studio Art, which is full year.**

CourseTitle	Prerequisite	Credit	Grade offered
Art & Creativity*	None	0.5	9-12
Digital Art, Photography & Design I*	None	0.5	9-12
Digital Art, Photography & Design II*	Yes	0.5	9-12
Ceramics I*	None	0.5	9-12
Ceramics II*	Yes	0.5	9-12
Art History	None	0.5	10-12
Mixed Media Art*	Yes	0.5	9-12
Drawing & Painting I*	No	0.5	9-12
Drawing & Painting II*	Yes	0.5	10-12
Honors Studio Art*	Yes	1.0	11-12
AP Art and Design*	Yes	1.0	11-12
See course descriptions for all prerequisites *Indicates course fees			

Art & Creativity

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

This one-semester course is intended for students interested in creating visual art. It is open to all students, though suggested for underclassmen as a prerequisite for upper-level art classes. Students will be directly involved in art making while developing their creative problem-solving skills and individual expression. A wide variety of art techniques and processes will be introduced to help the emerging artist master basic art skills, understand art concepts and cultivate creativity.

Digital Art, Photography & Design I

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades: 9-12

This one-semester course is an introduction to the process of working with digital media to create art. It is designed for the beginning level students interested in exploring photography, graphic design and digital art. Adobe Photoshop and Illustrator will be the primary software tools. Emphasis will be placed on the development of an artistic eye and a sense of design when taking photos and creating layouts. Straight photography and the integration of images with typography and other graphic elements will be explored. Students are not required to purchase a high-end camera for this class.

Digital Art, Photography & Design II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Digital Art, Photography & Design I**Grades:** 9-12

This one-semester will further develop their skills in working with digital media to create art. Adobe Photoshop and Illustrator will continue to be the primary software tools. More advanced projects in photography, graphic design, and digital art will be explored. Emphasis will be placed on cultivating individual expression and working with thematic concepts. Students are not required to purchase a high-end camera for this class.

Ceramics I**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** None**Grades offered:** 9-12

This semester course is structured around a design framework aimed at guiding students through a process of how to be creative thinkers. Students are expected to work independently on their assignments with a focus on finding solutions through research, purposeful exploration in planning and creativity. Therefore upperclassmen are encouraged to take this course. Students are challenged to create their visual ideas in clay by applying learned skills and techniques in hand-building, wheel throwing, and glazing of their artwork. Emphasis is placed on creative problem-solving, craftsmanship and perseverance in this energized studio-based class.

Ceramics II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Ceramics I**Grades offered:** 9-12

This semester course is a continuation for self-directed, advanced ceramic art students. Students are expected to work independently on designing artwork inspired from personal interests and research on historical and contemporary artwork. Focus will be on hand-built sculptural artwork focused on personal expression and style. Students will continue to develop their artistic skills, demonstrating how design principles function within their artwork.

Art History**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** None**Grades offered:** 10-12

This one-semester discussion-based course is designed for the student who is interested in the study of art history while not being directly involved in the process of art making. Students will develop visual literacy to help promote their skill in analyzing traditional and contemporary visual art. Topics discussed will focus on the reasons for the existence of art, understanding different art forms, and the growth of an appreciation for the work of art. Students will be challenged to make the connection that art is a reflection of the time and place in which it was made.

Mixed Media Art**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Art & Creativity or Ceramics II**Grades offered:** 9-12

This one-semester course emphasizes the creation of art using two or more art media in a single composition. This technique provides an individual, inventive, multi-layered approach to the creation of art. Focus is placed on principles of design and expanding the material creative process. The history of this approach is studied while students investigate the areas of mixed media art, collage, and assemblage.

Drawing & Painting I**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** None**Grades offered:** 9-12

This one-semester course is designed for art students who want to develop their technical and conceptual two-dimensional art skills. It offers challenging work through a wide variety of drawing and painting media. A creative, personal approach to studio art assignments is encouraged. Traditional and contemporary artists and art movements are emphasized in relation to style development. Sketchbook homework assignments are a requirement for this course.

Drawing & Painting II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Drawing & Painting I**Grades offered:** 10-12

This one-semester course is designed for art students who want to further develop their technical and conceptual two-dimensional art skills. It offers challenging work through a wide variety of drawing and painting media. A creative, personal approach to studio art assignments is encouraged. Traditional and contemporary artists and art movements are emphasized in relation to style development. Sketchbook homework assignments are a requirement for this course.

Honors Studio Art**Credit:** 1.0**Course Fee:** \$12.50**Prerequisite:** By teacher recommendation (at least 3 semesters of visual arts classes are recommended)**Grades offered:** 11-12

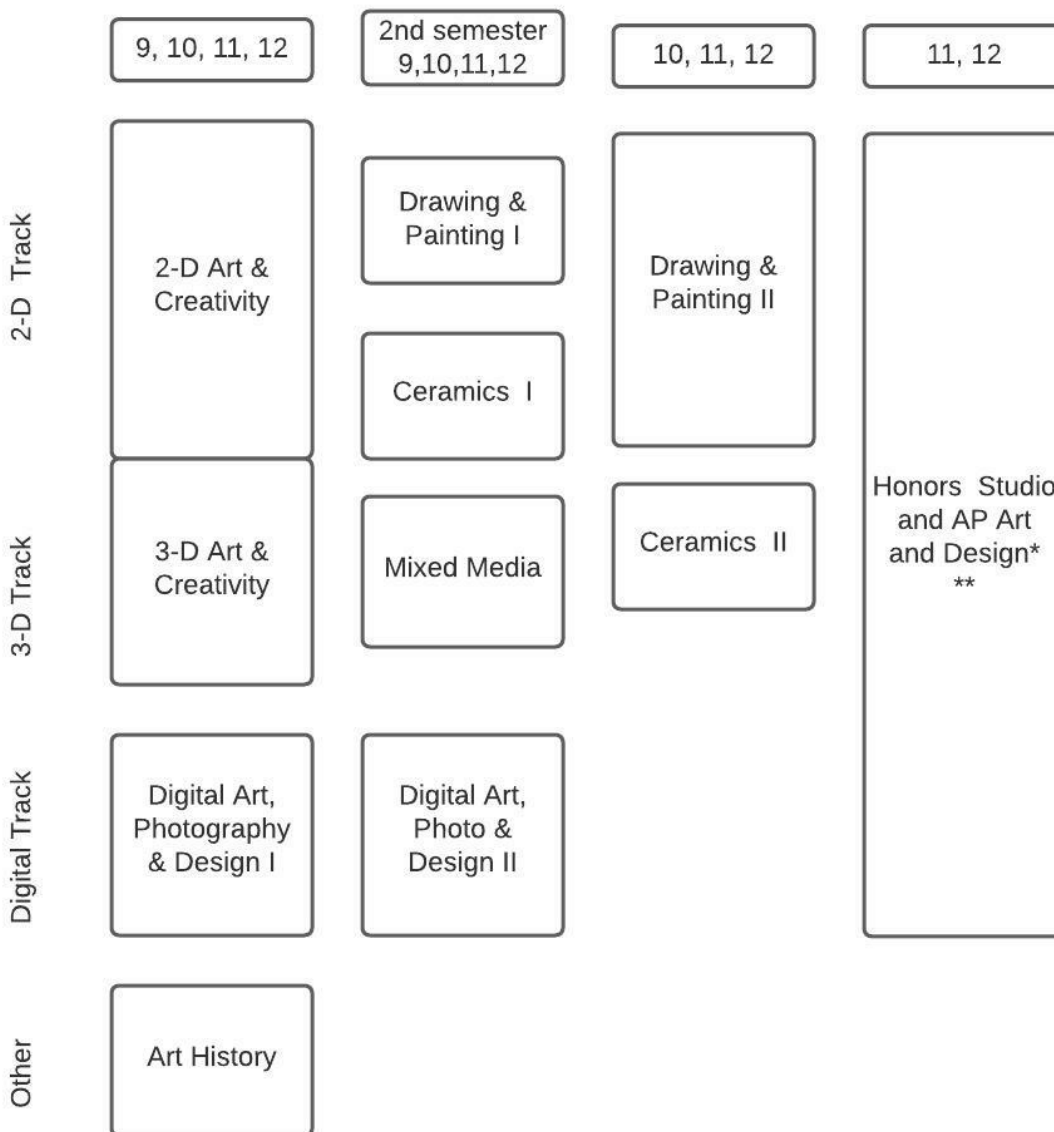
This one-semester repeatable course is open to art students who have produced artwork that is clearly above average and have demonstrated a high level of motivation and responsibility. Themes and areas of concentration for studio coursework are pursued based on individual students' goals and interests. Independent work outside of class is required. Honors Studio Art is often utilized to begin the process of building a portfolio of personalized work prior to taking AP Art and Design.

AP Art and Design**Credit:** 0.5**Course Fee:** \$12.50, AP portfolio test fee if applicable**Prerequisite:** By teacher recommendation (at least 3 semesters of visual arts classes are recommended)**Grades offered:** 11-12

AP Art and Design is a class for the advanced art student who is looking for a high-level, self-directed art experience. AP Studio Art is not based on a written exam; instead, students submit a portfolio at the end of the school year for evaluation. This portfolio demonstrates the artistic skills and concepts they have developed, refined, and applied while conducting an inquiry-based sustained investigation. Students will choose to pursue one of three portfolio options: 2-D Design, 3-D Design or Drawing, within the course, for potential AP exam submission.

Visual Arts - North

North Art Course Sequence



***Students must have a teacher recommendation for Honors Studio and AP Art and Design and have taken at least three semesters of visual arts classes.**

****Digital track students need to take 2-D Art & Creativity and have a teacher recommendation for Honors Studio and AP Studio Art.**

Course Title	Prerequisite	Credit	Grade offered
2-D Art & Creativity	None	0.5	9-12
3-D Art & Creativity	None	0.5	9-12
Drawing & Painting I	Yes	0.5	2nd sem. 9, 10-12
Drawing & Painting II	Yes	0.5	10-12
Mixed Media Art	Yes	0.5	2nd sem. 9, 10-12
Ceramics I	Yes	0.5	2nd sem. 9, 10-12
Ceramics II	Yes	0.5	10-12
Digital Arts, Photography & Design I	None	0.5	9-12
Digital Arts Photography & Design II	Yes	0.5	2nd sem. 9, 10-12
Art History	None	0.5	9-12
Honors Studio	Yes	0.5	11-12
AP Art and Design	Yes	1.0	11-12
See course descriptions for all prerequisites and associated course fees.			

2-D Art & Creativity

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

This one-semester course is intended for students interested in the visual arts. It is open to all students and is a prerequisite for Drawing & Painting. Students will learn to apply the visual elements of art and principles of design through two-dimensional compositions. Students will be directly involved in art making while developing their creative problem-solving skills and individual expression. A wide variety of art techniques and processes will be introduced to help the emerging artist master basic art skills, understand art concepts, and cultivate creativity.

3-D Art & Creativity

Credit: 0.5

Course Fee: \$12.50

Prerequisite: None

Grades offered: 9-12

This one-semester course is intended for students interested in the visual arts. It is open to all students and is a prerequisite for Ceramics and Mixed Media. Students will learn to apply the visual elements of art and principles of design while working on three-dimensional compositions. Students will be directly involved in art making while developing creative problem-solving skills and individual expression. A wide variety of art techniques and processes will be introduced to help the emerging artist master basic building and modeling skills, understand art concepts, and cultivate creativity.

Drawing & Painting I**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** 2-D Art & Creativity**Grades offered:** second semester 9, 10-12

This one-semester course offers challenging work through a variety of drawing and painting media. It is designed for art students who want to further develop their technical and conceptual drawing and painting skills. A creative, personal approach to studio art assignments is encouraged. Several genres such as still life, figure drawing, portraiture, and fantasy will be explored. Sketchbook homework assignments are a requirement in this course.

Drawing & Painting II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Drawing & Painting I**Grades offered:** second semester 9, 10-12

This one-semester course offers an opportunity to expand their explorations of drawing and painting media. It is designed for art students who want to further develop their technical and conceptual drawing and painting skills. A creative, personal approach to studio art assignments is encouraged. Several genres such as still life, figure drawing, portraiture, and fantasy will be explored. Sketchbook homework assignments are a requirement in this course.

Mixed Media Art**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** 3-D Art & Creativity**Grades offered:** second semester 9, 10-12

This one-semester course emphasizes the creation of art using two or more art media in a single composition. This technique provides an individual, inventive, multi-layered approach to the creation of art. Emphasis is placed on principles of design and expanding the creative process. The history of this approach is studied while students investigate the areas of mixed media art, collage, and assemblage.

Ceramics I**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** 3-D Art & Creativity**Grades offered:** second semester 9, 10-12

This one-semester course is designed as an introductory level for hand-building and glazing techniques with clay. Throwing on the potter's wheel will be introduced. Students are challenged to create visual ideas in clay that are both sculptural and functional based on contemporary and historical references. Emphasis is placed on quality, creativity, craftsmanship, and participating responsibly in this independent studio-based class.

Ceramics II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Ceramics I**Grades offered:** 10-12

This one-semester course is a continuation of Ceramics I for the serious ceramics student. Students are expected to work independently to design and execute hand-built sculptural artwork. Emphasis is placed on personal expression and style in three-dimensional work. Students will develop advanced techniques while understanding and demonstrating how principles of design function within their artwork.

Digital Art, Photography & Design I**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** None**Grades offered:** 9-12

This one-semester course offers an introduction to the process of digital photography and design. It is designed for beginning students interested in capturing and manipulating images using digital media. Adobe Photoshop will be the primary software tool used to edit images. Emphasis will be placed on the development of an artistic eye and a sense of design when taking photos and creating layouts. Both straight photography and the integration of images with typography or other graphic elements will be explored. Students will not be required to purchase a high end digital camera for this class.

Digital Art, Photography & Design II**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** Digital Arts, Photo & Design I**Grades offered:** second semester 9, 10-12

This one-semester course is a continuation of the processes learned in Digital Photography & Design I. The course is designed for students interested in further developing digital media artistry and exploring innovative visual communication solutions. Emphasis will be placed on working through the Creative Process, skill development, and honoring of their artistic eye and design sensibilities for more effective digital storytelling. Students will expand their exploration of digital photography, learning new strategies for manipulating photographic images, including animation, and integration with typography and other graphic design elements. Adobe Photoshop and Adobe Illustrator will continue to be the primary software tools used to edit and create images, as well as other Creative Cloud applications. Students will not be required to purchase a high end digital camera for this class.

Art History**Credit:** 0.5

Students will not be directly involved in making art.

Course Fee: \$12.50**Prerequisite:** None**Grades offered:** 9-12

This one-semester discussion-based course is designed for the student who is interested in the study of art history. Students will develop visual literacy to help promote their skill of analyzing traditional and contemporary visual art. Topics discussed will focus on the reasons for the existence of art, understanding different art forms, and the growth of an appreciation for the world of art. Students will be challenged to make the connection that art is a reflection of the time in which it was made. This is a discussion-based class.

Honors Studio**Credit:** 0.5**Course Fee:** \$12.50**Prerequisite:** By teacher recommendation (at least 3 semesters of visual arts classes are recommended)**Grades offered:** 11-12

This one-semester course is open to art students who have produced artwork that is clearly above average and have demonstrated a high level of motivation and responsibility. Coursework is determined on an individual basis in the student's chosen passions and area of concentration. Individual themes and goals are pursued. In addition to the creation of artwork, students will be expected to keep a work journal documenting their artwork, participate in critiques, and have a one-person showing of their artwork.

AP Art and Design**Credit:** 1.0**Course Fee:** \$12.50**Prerequisite:** By teacher recommendation (at least 3 semesters of visual arts classes are recommended)**Grades offered:** 11-12

AP Art and Design is a class for the advanced art student who is looking for a high-level, self-directed art experience. AP Studio Art is not based on a written exam; instead, students submit a portfolio at the end of the school year for evaluation. The portfolio demonstrates the artistic skills and concepts they have developed, refined, and applied while conducting an inquiry-based sustained investigation. Students will choose to pursue one of three portfolio options: 2-D Design, 3-D Design or Drawing, within the course, for potential AP exam submission.

Life Fitness

Freshman	Sophomore	Junior	Senior
Freshman PE	Team Sports	Team Sports	Team Sports
Team Sports	Team Sports and Officiating	Team Sports and Officiating	Team Sports and Officiating
Individual Sports	Integrated PE	Integrated PE	Integrated PE
Integrated PE	Individual Sports	Individual Sports	Individual Sports
Dance I	Dance I	Dance I	Dance I
	Dance II	Dance II	Dance II
	Total Body Conditioning	Total Body Conditioning	Total Body Conditioning
Strength and Condition.	Strength and Condition.	Strength and Condition.	Strength and Condition.
Drivers Education	Strength and Condition. II	Strength and Condition. II	Strength and Condition. II
Behind the Wheel	Leaders	Leaders	Leaders
	Physical Management	Yoga and Conditioning	Yoga and Conditioning
	Walking for Fitness	Walking for Fitness	Walking for Fitness
	Health Education	Physical Management	Physical Management
	Adventure Challenge I & II	Adventure Challenge I & II	Adventure Challenge I & II
	Drivers Education	Drivers Education	Drivers Education
	Behind the Wheel	Behind the Wheel	Behind the Wheel

Course Title	Prerequisite	Credit	Grade offered
Freshman Physical Education^	None	1.0	9
Team Sports	None	0.5	9-12
Individual Sports	None	0.5	9-12
Integrated P.E.	Yes	0.5	9-12
Strength and Conditioning	None	0.5	9-12
Strength and Conditioning II	Yes	0.5	10-12
Total Body Conditioning	None	0.5	10-12
Dance I	None	0.5	9-12
Dance II	Yes	1.0	11-12
Yoga and Conditioning	No	0.5	11-12
Physical Education Student Leaders	Yes	0.5	10-12
Physical Management	Yes	1.0	10-12
Adventure Challenge Education I and II	None	0.5	10-12
Sports Medicine	None	0.5	11-12
Walking for Fitness	None	0.5	10-12
Team Sports and Officiating	None	0.5	10-12
Health Education/First Aid*	None	0.5	10-12
Classroom Driver Education	Yes	0.5	9-12
Behind the Wheel/Driver Education**^	Yes	0.0	9-12
See course description for all prerequisites * = Normally taken in the sophomore year **= Student must be at least 15 years of age ^Indicates course fee			

Physical Education Exemption Policy (District 127 Board of Education Policy 6:310)

A student in grades 9-12, unless otherwise stated, may request the Building Principal to be excused from physical education for the following reason:

1. Ongoing participation in an interscholastic athletic program only during the season when the student is competing (student must be in the 11th or 12th grade).
2. If the students must use the time set aside for physical education to receive special education support and services, subject to the student's Individualized Education Plan (IEP).
3. **Ongoing participation in marching band when the student is competing also qualifies for an exemption. This exemption ends when marching band season concludes.**
4. **To fit in enrollment in academic classes that are required for the admission to an institution of higher learning or trade school (11 or 12 only).**
5. **To fit in enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate.**

Students must submit such requests in writing with as much specificity as possible. Principals shall maintain records showing that they applied the stated criteria to the student's individual circumstances.

Freshman Physical Education

Credit: 1.0

Course fee: There is a cost of \$20.00 for a heart monitor strap. This cost is included in the Freshman Registration Fee. In all cases the items purchased are the property of the student and may be kept.

Prerequisite: None

Grade offered: 9

This two-semester course is designed to introduce students to the four-year sequence in the Life Fitness curriculum. This introductory course includes components of the Life Fitness classes offered to upperclassmen. Through various team sports and team-building activities, students will be engaged in units that challenge them both mentally and physically, with an emphasis on individual fitness.

Team Sports

Credit: 0.5

Prerequisite: None

Grades offered: 9 - 12

This one-semester course offers an assortment of competitive team activities throughout the semester. Students choose between jogging, cardiovascular activities, aerobics, or cardiovascular sports to meet their fitness requirements in the Health Club. Some of the team sports offered may include floor hockey, flag football, soccer, basketball, and softball.

Individual Sports

Credit: 0.5

Prerequisite: None

Grades offered: 9 - 12

This one-semester course offers a variety of individual sport activities throughout the semester. Students choose between jogging, cardiovascular activities, aerobics, or cardiovascular sports to meet their fitness requirements in the Health Club. Some of the activities offered are badminton, tennis, volleyball, and golf. Approximately four different activities will be chosen per semester with different activities being offered each year.

Integrated Physical Education

Credit: 0.5

Prerequisite: IEP or doctor referral along with approval of parents, nurse, counselor, and department.

Grades offered: All students who, because of physical challenges, cannot take regular physical education

This one-semester course offers a variety of individualized and team related activities including rehabilitation and varied fitness programs.

Strength and Conditioning

Credit: 0.5

Prerequisite: None

Grades offered: 9 - 12

This one-semester course is designed for students interested in strength/weight training. Students will work on a prescribed weight lifting & conditioning program. In addition to strength training the class will develop speed, flexibility, and agility. **Due to the popularity of this course, student exemptions will not be allowed. All students are recommended to take a full year of this course, before taking Strength II, unless approved by the Department Chair. This course may be repeated as desired.**

Strength and Conditioning II

Credit: 0.5

Prerequisite: Student must have completed Strength & Conditioning, in good standing, and not received a grade below a "C". The Department has the right to move students from Strength II if they are not meeting expectations. Exemptions of any kind are not accepted for Strength II.

This one-semester course is designed to build on the skills learned in Strength I at a more advanced level. With the knowledge from Strength I students will be expected to work on their specific program safely.

Grades offered: 10-12

Total Body Conditioning (TBC)

Credit: 0.5

Prerequisite: None

Grades offered: 10-12

This one-semester course is designed for students interested in aerobic training, body toning with focus on muscle endurance, cardiovascular exercise and flexibility. TBC classes (step, kickboxing, yoga, pilates, stability balls, weights, and bands) are held multiple days per week.

Dance I**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9 - 12

This one-semester course introduces the art of dance. The class offers short condensed units of ballet, jazz, modern, tap and hip-hop. During the semester students will study well-known dancers and learn the basic elements of each genre of dance. Written and skill tests will be included in instruction.

Dance II**Credit:** 0.5**Prerequisite:** Dance I or recommendation from dance teacher**Grades offered:** 10 - 12

This two-semester course offers a more in-depth study of the art of dance including ballet, jazz, modern, tap, swing, hip-hop as well as dance production. Throughout the year students study well-known dancers and performances and perform original compositions in each of the dance forms. Written and skill tests will be included in instruction.

Yoga and Conditioning**Credit:** 0.5**Prerequisite:** None**Grades offered:** 11-12

This one-semester course is designed for students who are interested in Yoga, with a focus on flexibility. The course will also strive to improve the students' physical, social, emotional, intellectual and environmental health.

Physical Education Student Leaders**Credit:** 0.5**Prerequisite:** Teacher recommendation**Grades offered:** 10-11

This one-semester course is open to any student in good standing with the Physical Education department. Students are trained in assisting teachers with refereeing, teaching, stretching and setting up of equipment and fields. Students will also train in assisting adaptive classes as a one-on-one aide, also helping with stretches and mobility. Upon completion of the course, students have an option of using the skills learned to assist freshman classes or be a one-on-one aide for adaptive classes. Students receive physical education credit for volunteering in one of the two areas. After completion of the student leader experience, the student has been exposed to the different methods and styles of good leadership. The student also has a better understanding of the need for cooperation and working together in terms of successful leadership and following capabilities.

Physical Management**Credit:** 1.0**Prerequisite:** Teacher and counselor recommendation**Grades offered:** 10-12

This two-semester course consists of nutrition education and physical activity centered upon the theme of helping students to manage themselves better in terms of behavior strategies that can be helpful, towards lifelong fitness. Besides providing structured activity opportunities geared toward the individual student, there is a great deal of encouragement and incentive offered to participate in portions of the program during non-school hours. In addition to administering the program, the physical education teacher works with the Counseling Department, school nurse and experts outside the school to better assist the student.

Health Education/First Aid**Credit:** 0.5**Prerequisite:** None**Grades offered:** 10-12 (normally taken in 10th grade)

This is a one-semester course that can be taken first or second semester. The topics covered are mental health, mental disorders, stress, fitness, nutrition, the use and abuse of alcohol, tobacco, and chemical substances, interpersonal relations, abstinence, marriage, reproduction, birth control options, sexually transmitted diseases, first aid, AED, CPR and consumer and environmental health. Upon completion, the students will be better able to utilize good health principles and familiarize themselves with the concept of wellness. During the semester in which Health Education is taken, students do not participate in a physical education activity class.

Adventure Challenge Education I**Credit:** 0.5**Prerequisite:** None**Grades offered:** 10-12

This one-semester course will teach students how to develop a community built on accountability, self-acceptance, personal empowerment, trust, and teamwork. They will do this through a variety of team initiatives that teach concepts such as problem solving, communication, leadership, creativity, self-esteem, decision making, risk taking, and fear reduction. This is the foundation for the course and will be what most of the curriculum is developed around. This course will provide a different means of activity through the use of outdoor challenging activities. Activities this semester will consist of Frisbee golf, kayaking, mountain biking, fire building, outdoor cooking, and geocaching. Units may be subject to change due to weather.

Adventure Challenge Education II**Credit:** 0.5**Prerequisite:** None**Grades offered:** 10-12

This one-semester course will start by reintroducing the team concept, as this is what the curriculum is developed around. The group will reestablish its sense of trust in one another and sense of belonging. This will be done through new team challenges (different ones than ACE I) that the group has not seen before. Students will come to appreciate adventure and all that the outdoors has to offer. This is so crucial in this day and age with all the advances in technology and how much time is spent inside. This course will be filled with life-long activities such as various survival skills, snowshoeing, rollerblading, broomball, orienteering, archery, knot tying, belaying, and rock climbing. Units may be subject to change due to weather.

Sports Medicine**Credit: 0.5****Prerequisite: None****Grades offered: 11-12**

Students in this class will be introduced to the field of Athletic Training, Physical Therapy and Nursing, as well as other allied-health professions related to the medical care of athletes and the physically active. In addition to this, students will be exposed to many of the skills utilized in Sports Medicine that are used in the prevention, diagnosing and treating of injuries related to participating in sports and/or exercise.

Students will also have the opportunity to gain additional hands-on experience, and an opportunity for an internship, working alongside our Certified Athletic Trainers after school.

Students may choose to take this course for a Life Fitness credit or a Science credit, depending upon the preferred career pathway of the student. For students who take this as a Life Fitness credit, this will fulfill the PE requirements. Students who take it for a Science credit will still take a Life Fitness class unless they otherwise meet exemption requirements. Students who take this may choose to be dual enrolled in a Career Internship course (see the CTE or Science dep't course pages for description) to get credit for their off campus experiences.

Team Sports and Officiating**Credit: 0.5****Prerequisite: None****Grades offered: 10-12**

This course provides students with the opportunity to learn rules for soccer (fall), softball(spring), volleyball and basketball. Students will be offered a setting in which to practice application of the rules, proper positioning, signaling, and conflict resolution. Students interested in earning income within the community will be offered a setting in which to develop their skills. Students may have the opportunity to pursue certification so they can work within the community park districts, feeder schools and clubs, which are always in need of officials. The course will fulfill the PE requirements, and may be repeated.

Homework will be assigned. Students in this class may choose to be dual enrolled in the Career Internship (See the CTE dep't) class to get credit for external experiences.

Walking for Fitness**Credit: 0.5****Prerequisite: None****Grades offered: 10-12**

This course provides students with a low-impact fitness alternative. It covers the benefits of a walking program with an emphasis on wellness promotion. Students will have the opportunity to study exercise data related to fitness walking and then use what they have learned to construct a personalized walking program. A strong emphasis is also placed on proper walking technique, walking activities available and equipment associated with walking. Students may take this course multiple times and this course does meet the PE requirement. Students must be dressed to be outside during all types of weather.

Classroom Driver Education

Credit: 0.5

Prerequisite: A passing grade in at least eight courses the previous two semesters prior to the semester in which the student will be enrolling in Driver Education.

Grades offered: 9-12

This is a one-semester required course covering all phases of the traffic environment: physical, social, psychological, moral, and legal. In order for students to qualify for an Illinois driver's license at ages 16 or 17, they must successfully complete this course. The course is offered each semester and in the summer. Students will receive 36 hours of instruction and have study hall days incorporated weekly throughout the semester, while behind the wheel lessons are taking place.

Behind the Wheel/Driver Education

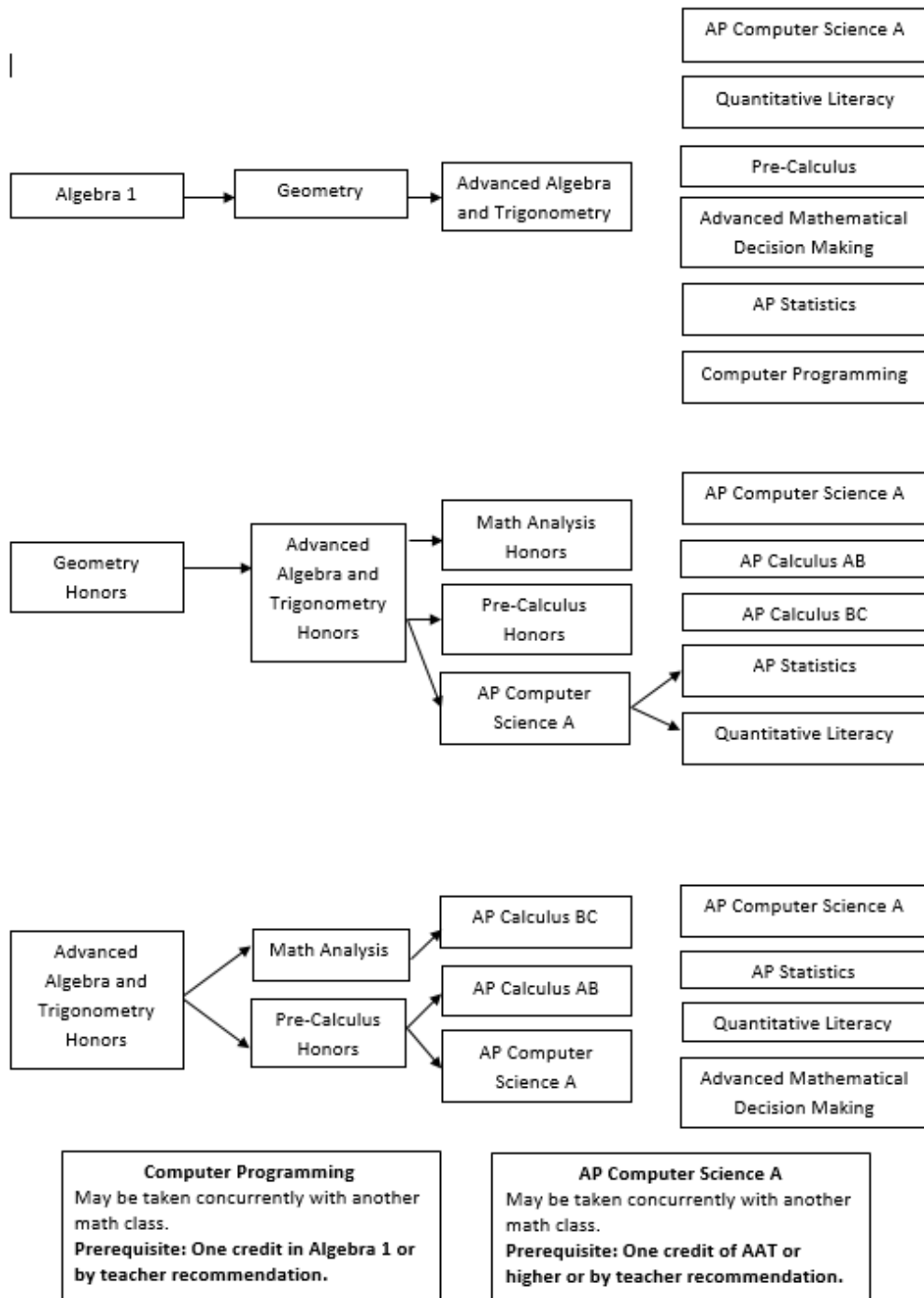
Course Fee: \$350.

Prerequisite: Enrolled or completed Classroom Driver Education and must be at least 15 years of age, and a passing grade in at least eight courses the previous two semesters prior to the semester in which the student will be enrolling in Driver Education. The fee must be paid prior to starting the course.

Grades offered: 9-12

This is a six-hour skill and knowledge application course, taught in a school-provided automobile. Students must successfully complete the course in order for them to get an Illinois driver's license at age 16 or 17. Behind the wheel will be scheduled on classroom study hall days or during the student's lunch or study hall.

Mathematics



Course Title	Prerequisite	Credit	Grade offered
Algebra I	Yes	1.0	9-12
Geometry (Blended option at Central)	Yes	1.0	9-12
Geometry Honors	Yes	1.0	9-12
Advanced Algebra and Trigonometry (Blended option at Central)	Yes	1.0	10-12
Advanced Algebra and Trigonometry Honors	Yes	1.0	9-12
Pre-Calculus (Blended option)	Yes	1.0	11-12
Pre-Calculus Honors (Blended option at North)	Yes	1.0	10-12
Math Analysis Honors	Yes	1.0	10-12
Quantitative Literacy Honors (North only)	Yes	1.0	12
Advanced Mathematical Decision Making (Blended option at Central)	Yes	1.0	12
Advanced Placement Calculus AB	Yes	1.0	11-12
Advanced Placement Calculus BC	Yes	1.0	11-12
Advanced Placement Statistics	Yes	1.0	11-12
Computer Programming	Yes	0.5	9-12
Advanced Placement Computer Science A	Yes	1.0	10-12
See course description for all prerequisites *Summer work for selected math courses may be required			

Algebra I

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100-\$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: none

Grades offered: 9-12

This two-semester course is designed for students to master the basic concepts of algebra. The goal of the course is to provide meaningful connections and increase problem-solving skills. Modern terminology and concepts are used to study the real number system. Sets, variables, operations with polynomials, solving linear equations and inequalities, and solutions of quadratic equations are some of the many topics covered.

Geometry

Credit: 1.0

(Blended option at Central)

A graphing calculator, protractor, and compass are required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100-\$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit of Algebra I

Grades offered: 9-12

This two-semester course incorporates a review of algebraic skills in the study of two- and three-dimensional figures and their measurements. Lessons are designed to enable students to master essential concepts including points, lines, planes, angles, two and three-dimensional figures, area and volume, congruency, similarity, transformations, right triangle trigonometry, circles, and deductive proof. This course progresses from an understanding of critical terminology through the use of deductive or logical reasoning to prove ideas about the shapes and figures in the world.

Geometry Honors

Credit: 1.0

A graphing calculator, protractor, and compass are required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100-\$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Algebra or by teacher recommendation. Students who meet benchmark on PSAT and have completed Algebra will automatically qualify for this course.

Grades offered: 9-12

This two-semester course involves the study of two and three-dimensional geometric figures and their measurements and is an accelerated geometry program. Lessons are designed for mastery of essential concepts including points, lines, planes, angles, two and three-dimensional figures, area and volume, congruency, similarity, transformations, right triangle trigonometry, and circles. The course emphasizes deductive proofs.

Advanced Algebra and Trigonometry

Credit: 1.0

(Blended option at Central)

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Geometry

Grades offered: 10-12

This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills working with polynomials, rational functions, imaginary and complex numbers, quadratics, sequence & series, areas of probability, and statistics along with concepts that include the study of trigonometric functions. The course also introduces exponential and logarithmic expressions, equations, and graphing. The content of this course is important for students' success on both the SAT and college mathematics entrance exams.

Advanced Algebra and Trigonometry Honors

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Geometry. Students who meet benchmark on PSAT and have completed Geometry will automatically qualify for this course.

Grades offered: 9-12

This two-semester course is an accelerated algebra program. The course includes a brief review of algebraic skills. Emphasis is on advanced equation solving and its application to the solution of real-world problems. This course stresses the advanced algebra topics essential for success in Pre-Calculus Honors or Math Analysis. The course covers the topics of the Advanced Algebra and Trigonometry course, but at a faster pace and in greater depth. Trigonometry topics include right and oblique triangle laws.

Pre-Calculus

Credit: 1.0

(Blended option)

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Advanced Algebra and Trigonometry

Grades offered: 11-12

This two-semester course is designed for students to develop a deeper understanding of functions. Students study linear, quadratic, polynomial, rational, exponential, logarithmic, piecewise, and trigonometric functions, as well as conic sections and probability. The class is intended to enhance the students' problem-solving skills by applying advanced mathematical topics to real-world situations.

Pre-Calculus Honors

Credit: 1.0

(Blended option at North)

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Advanced Algebra and Trigonometry Honors. Students who have completed AAT and met benchmark on the PSAT automatically qualify for this course.

Grades offered: 10-12

This two-semester course provides a mathematically sound development of the topics in Algebra and Trigonometry needed for success in Advanced Placement Calculus AB and AP Statistics. The class is intended to enhance the students' problem-solving skills by applying advanced mathematical topics to real-world situations. Students study linear, quadratic, polynomial, rational, exponential, logarithmic, piecewise, and trigonometric functions, as well as conic sections and probability. An introduction to Calculus is also included through the study of limits.

Math Analysis Honors

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Advanced Algebra Trigonometry Honors

Grades offered: 10-12

This two-semester course challenges students to learn pre-calculus topics as well as some calculus topics. It reviews and extends material covered in previous math courses as well as introduces topics such as elementary functions and their limits, polar coordinates and equations, mathematical induction, derivatives of polynomial, logarithmic, trigonometric, exponential functions, conic sections, and sequence and series. Successful completion of this course will satisfy the prerequisite for Advanced Placement Calculus BC.

Quantitative Literacy Honors (Dual Credit Option)

Credit: 1.0

Dual credit - 3.0 units at CLC for MTH 141

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150 for the calculator and other smaller items. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: Students who score benchmark on the PSAT/SAT and have completed three years of math, including Advanced Algebra and Trigonometry.

To take the course for Dual Credit, students must meet one of the following criteria:

two years of approved high school algebra (C or better) and a cumulative GPA of 3.0 or higher -or- a 530 on the math portion of the SAT

Grades offered: 12

This is a year-long honors math course that develops conceptual understanding in several areas, including: representing and analyzing data through such statistical measures as central tendency, dispersion, normal distribution, and correlation and regression; using logical statements and arguments in a real-world context; estimating, approximating, and judging the reasonableness of answers; graphing and using polynomial functions and systems of equations in the interpretation and solution of problems, and selecting and using appropriate approaches and tools in formulating and solving real-world problems. Use of a specific graphing calculator will be integrated throughout the course.

NOTE:

- This course is only offered at Grayslake North. Interested Grayslake Central students should talk to their counselor about enrolling and traveling to North.
- A dual credit course is a college course taken by a high school student for which the student is awarded both college and high school credit.

Advanced Placement Calculus AB

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Pre-Calculus Honors. Students who meet benchmark on PSAT and have completed Pre-Calculus automatically qualify for this course.

Grades offered: 11-12

This two-semester course is designed to meet the needs of students who have demonstrated mastery of Pre-calculus Honors. This course consists of college-level work in limits, differentiation, related rates, optimization, integration, and volumes of revolution. The content of Advanced Placement Calculus AB is designed to qualify students for college credit in Calculus I. Students are expected to take the Advanced Placement exam as part of this course.

Advanced Placement Calculus BC

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Math Analysis Honors

Grades offered: 11-12

This two-semester course includes all of the topics in Advanced Placement Calculus AB. Additional topics include vector functions, parametric equations, complex integration techniques, areas bounded by polar curves, differential equations as a thorough study of sequence and series. The content of Advanced Placement Calculus BC is designed to qualify students for placement and credit one semester beyond that granted for Advanced Placement Calculus AB. Students are expected to take the Advanced Placement exam as part of this course.

Advanced Mathematical Decision Making

Credit: 1.0

(Blended option at Central)

(Fulfills Transitional Math credit*)

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in AAT or higher, teacher recommendation, and the student must have already fulfilled D127 math graduation requirements

Grades offered: 12

This two-semester course engages students in relevant problems and prepares them for higher education and the workplace. Topics will include analyzing data, probability, statistics, using models in mathematical decision making, financial planning, and networks. It prepares students to use a variety of mathematical tools and approaches to model a range of situations and solve problems. Students will be expected to make formal presentations on a regular basis.

*Successful completion of a transitional mathematics course for a high school graduate results in direct placement into postsecondary credit-bearing mathematics courses at all Illinois community colleges and accepting Illinois universities without a placement test. See Postsecondary and Workforce Readiness Act for more information.

Advanced Placement Statistics

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in AAT

Grades offered: 11-12

This two-semester course is a college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. This course is a non-calculus-based college-level course in statistics. Students are expected to take the Advanced Placement exam as part of this course.

Computer Programming

Credit: 0.5

(elective credit)

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in Algebra I

Grades offered: 9-12

In this one-semester, lab-based course students are introduced to computer programming and computational thinking with an emphasis on problem-solving. The course includes writing programs that make decisions using conditional statements and iteration through the use of looping structures. Successful completion of this one-semester course prepares the student for Advanced Placement Computer Science A. Note: Credit for this course can only be awarded as a general elective. It cannot be applied to the 3-year math graduation requirement.

Advanced Placement Computer Science A

Credit: 1.0

A graphing calculator is required for class. We recommend a calculator from the TI-84 family.

Ancillary Fees: There is an approximate cost ranging from \$100 to \$150. In all cases, the items purchased are the property of the student and may be kept.

Prerequisite: one credit in AAT or higher or by teacher recommendation. Students who complete Computer Programming and meet or exceed standards on PSAT automatically qualify for this course. For this to meet one of the three years of the math requirement, students must have already completed Algebra I and Geometry. Otherwise, it will be a math elective.

Grades offered: 10-12

The AP Computer Science A course introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), and analysis of potential solutions. It is meant to be the equivalent of a first-semester college course in Computer Science using Java. This course will prepare students for the AP Computer Science A exam.

Multilingual

English Language Development (ELD) - Level I

Credit: 1.0

Prerequisite: Placement by testing and recommendation

Grades offered: All classes

This two-semester course is offered to students who speak another language in addition to English, and are developing their English proficiency. This class is designed to help students become functional in English through instruction in speaking and listening. Students will also complete reading and writing activities and assignments as they gain literacy in English. This course counts towards English graduation requirements.

English Language Development (ELD) - Level II

Credit: 1.0

Prerequisite: Placement by testing and recommendation

Grades offered: All classes

This two-semester course is offered to students who speak another language in addition to English, and are developing and expanding their English proficiency. This class provides additional instructional support, practice, and time for students who are at an intermediate or advanced level in their English proficiency. In this course, students will increase their skills in speaking, listening, reading, and writing, as well as study grammatical structures in English. This course counts toward English graduation requirements.

Academic Language Development

Credit: 0.5

Prerequisite: Placement by testing and recommendation

Grades offered: All classes

This two-semester course is offered to students who speak another language in addition to English and are expanding their English proficiency. The course provides additional instructional support and time to continue the development of English language skills. In this course, students will increase their skills in speaking, listening, reading, and writing, as well as study grammatical structures in English. Students may simultaneously be enrolled in ELD I or II.

Science

Course Title	Prerequisite	Credit	Grade offered
Biology	No	1.0	9-12
Biology Honors	Yes	1.0	9-10
Chemistry [^] (Blended option at North)	Yes	1.0	10-12
Chemistry Honors ^{^**} (Blended option at Central)	Yes	1.0	9-12
Earth Science	Yes	1.0	10-12
Earth Science Honors ^{^+} (Dual Credit & Blended option at Central)	Yes	1.0	11-12
Engineering a Sustainable Future [!]	No	0.5	9-12
Environmental Science	Yes	1.0	10-12
Human Anatomy & Physiology (Blended option)	Yes	1.0	11-12
Physical Science	No	1.0	10-12
Physics [^]	Yes	1.0	11-12
Sports Medicine ^{^c}	No	0.5	11-12
Advanced Placement Biology ^{^#}	Yes	1.0	10-12
Advanced Placement Chemistry ^{^!}	Yes	1.0	11-12
Advanced Placement Environmental Science [^] (Blended option at Central)	Yes	1.0	11-12
Advanced Placement Physics I [^] (Blended option at Central)	Yes	1.0	11-12
Advanced Placement Physics II [^]	Yes	1.0	11-12
Advanced Placement Physics C-Level ^{^!}	Yes	1.0	12
<p>See course description for all prerequisites. Some special notes: [^]There is a math prerequisite for this course ⁺Enrolls as dual credit at Central [!]Course meets for 1.5 blocks, typically with one 90-minute block alternating days with one 45-minute half block ^{**}Freshman placement by recommendation only [#]Sophomore placement by recommendation only ^{^c}Students can elect to take this for Life Fitness or Science elective credit, but does not count toward 2-year science graduation requirement</p>			

Biology

Credit: 1.0

Prerequisite: None

Grades offered: 9-12

This two-semester course is an introduction to biology. The course places its major emphasis on the following themes: Ecology, Genetics/Hereditry, Evolution, Structure/Function, Homeostasis, and Scientific Literacy/Methods. Class work is a blend of independent work, discussion, collaborative groups and lab activities. Dissection may be a component.

Biology Honors

Credit: 1.0

Prerequisite: Placement recommendation based upon MAP, PSAT, and other performance data.

Students who meet or exceed in math and/or reading on the PSAT automatically qualify for this course.

Grades offered: 9-10

This two-semester course is designed for the student who can clearly articulate biological concepts in much greater detail, and through work of a more challenging nature. The course places its major emphasis on the following themes: Structure/Function, Homeostasis, and Scientific Literacy/Methods. These will be studied through the following topics: cellular biology, ecology, evolution, heredity, and human systems. Class work is a blend of lecture, discussion and laboratory work. Dissection may be a component.

Career Internship

Credit: .5 elective credit- does not count toward science graduation requirement and should not be considered as taking the place of a science course but as a supplemental credit to gain career exposure.

Prerequisite: Age 16 with junior-level standing. Job placement will occur prior to the start of class and will be aligned to their identified career pathway. Students must provide their own transportation to work and meet the criteria as stated in the student handbook for a school parking permit. Students can use their current place of employment for this class.

Grades offered: 11-12 who are at least 16 years old with a junior credit standing

A hybrid, semester-long course, the Career Internship provides students with career-specific "essential career readiness skills" in a classroom setting on a weekly basis, coupled with on-site internship hours in areas related to health science, medical field and STEM careers at a partnering place of employment. Students enrolled in this program will utilize Knights/Rams block and this class period to allow for classroom lessons or traveling to an internship site. Students must sign a contract agreeing to the parameters of the workplace portion of the class and must adhere to all workplace expectations to earn credit for it. Students can use their current place of employment for this class or work with our internship coordinator to help secure placement for the experience. This class can be taken for multiple semesters. **Dual Credit** is offered in this class through EWE 120 and EWE 220 (Job Skill Readiness and Internship) through the College of Lake County.

Chemistry

Credit: 1.0

(Blended option at North)

Prerequisite: Credit in Algebra I or higher math course, with a strong performance in math course highly recommended.

The graphing calculator required for math courses is recommended for this course.

Grades offered: 10-12

This two-semester laboratory course offers a broad overview of the field of chemistry. Basic principles are stressed along with their everyday applications. Students explore such topics as Energy, Nuclear, Periodic Trends, Bonding & Intermolecular Forces, Naming, Reactions, Stoichiometry, Equilibrium, Acids & Bases and Organic. A variety of laboratory and practice problems are included.

Chemistry Honors

(Blended option at Central)

Credit: 1.0

Prerequisite: Concurrent enrollment in Geometry Honors or higher math course. Freshmen placement recommendation based on concurrent enrollment in AAT Honors. Students who have completed Biology and meet or exceed standards on PSAT math automatically qualify for this course.

The graphing calculator required for math courses is recommended for this course.

Grades offered: 9-12

This two-semester laboratory course offers a deep exploration of the field of chemistry. Students explore such topics as Energy, Nuclear, Periodic Trends, Bonding & Intermolecular Forces, Naming, Reactions, Stoichiometry, Equilibrium, Acids & Bases and Organic. A variety of laboratory and practice problems are included.

Earth Science

Credit: 1.0

Prerequisite: 1 year of Science

Grades offered: 10-12

This two-semester laboratory course focuses on the study of Earth processes, including the areas of geology, meteorology, astronomy, and oceanography. Students will engage in experiments, creating models, simulations, web quests, and other activities. Real-life applications include weather forecasting, construction considerations, local landscapes and exploring current global issues.

Earth Science Honors (Dual Credit option at Central)

Credit: 1.0

(Blended option at Central)

Prerequisite: For Dual Credit placement, students must meet one of the following criteria: PSAT/SAT ERW of 470+ and Math 490+; or ACT English, Reading and Math of 17+; GPA of 3.0 or class standing in the top third after at least three semesters; or pass the CLC Placement Tests

Grades offered: 11-12

This course is designed for students who are interested in physical features related to our dynamic earth. Topics of the course include some fundamental concepts and features in geology, meteorology and astronomy, such as earthquakes, volcanic activities, weathering process, surface water, atmosphere components, weather, the universe, the solar system, etc. Course materials are organized to enable students to understand how different components of our dynamic earth are related to one another. Most topics are explored with hands-on lab exercises.

This course is offered only as a dual credit course at Grayslake Central. Dual credit is not currently an option at Grayslake North. A dual credit course is a college course taken by a high school student for which the student is awarded both college and high school credit.

Engineering a Sustainable Future

Credit: 0.5

Prerequisite: None

Grades Offered: 9-12

During this semester course, students will seek to understand the benefits of sustainable farming and gardening over traditional agriculture. Students will be able to evaluate the social, economic, and environmental impacts associated with both sustainable and traditional practices. In this course students will acquire knowledge of sustainable farming through field experiences, engineering challenges, and cultivating their own crops. Concepts of study include: composting, soil properties, organic crops, and other farming and agriculture practices. This is a hands-on and experiential course focused on the principle of creating a more sustainable future. This course may be repeated to earn an additional elective credit as the curriculum shifts during each growing season.

Environmental Science

Credit: 1.0

Prerequisite: one year of Science, and a strong performance in Biology is highly recommended

Grades offered: 10-12

This two-semester laboratory course focuses on environmental issues, their causes and consequences, and the ability to make changes through sustainable stewardship practices. The course places a major emphasis on environmental topics pertaining to global climate change, air quality, water quality, land preservation, populations, nonrenewable and renewable energy and urbanization issues. Course work is a blend of lecture/discussion, laboratory work and independent projects. The course is intended to allow students to develop their own environmental ethic.

Human Anatomy and Physiology

Credit: 1.0

(Blended option)

Prerequisite: two years in Science, and a strong performance in Biology is highly recommended

Grades offered: 11-12

Human Anatomy and Physiology is a lab science course that deals with the daily functional activities of the human as a whole. Included is the study of the structure and function of the human body systems (integumentary, muscular, circulatory, skeletal, nervous, endocrine, immune, respiratory, digestive, excretory, and reproductive). Special emphasis is placed on the recent developments in physiology and the many feedback mechanisms that operate in the body. Dissection is a requirement for this course.

Physical Science

Credit: 1.0

Prerequisite: None

Grades offered: 10-12

This two-semester laboratory-oriented course surveys both physics and chemistry. Topics such as force and motion, work and simple machines, properties of matter, elements and the periodic table, compounds and bonding, changes in matter and other concepts in the physical sciences are explored. Students previously enrolled in Chemistry or Physics should not enroll in this course.

Physics

Credit: 1.0

Prerequisite: Concurrent enrollment in Advanced Algebra Trigonometry (AAT) or higher math course. Successful completion of Chemistry is recommended.

The graphing calculator required for math courses is recommended for this course.

Grades offered: 11-12

This two-semester course provides the student with a broad exposure to many of the fundamental concepts that underlie the physical sciences. In the first semester students will learn about the concepts of motion in the area of classical mechanics; including force and energy. During the second semester students will learn about the topics of electromagnetism and waves; including electricity, sound, and light. Content is explored through classroom lecture, student discussion, interactive demonstrations, and laboratory explorations.

Sports Medicine**Credit: 0.5****Prerequisite: None****Grades offered: 11-12**

Students in this class will be introduced to the field of Athletic Training, Physical Therapy and Nursing, as well as other allied-health professions related to the medical care of athletes and the physically active. In addition to this, students will be exposed to many of the skills utilized in Sports Medicine that are used in the prevention, diagnosing and treating of injuries related to participating in sports and/or exercise.

Students will also have the opportunity to gain additional hands-on experience, and an opportunity for an internship, working alongside our Certified Athletic Trainers after school.

Students may choose to take this course for a Life Fitness credit or a Science credit, depending upon the preferred career pathway of the student. It does not count for the two years of required science. For students who take this as a Life Fitness credit, it will fulfill the PE requirements. Students who take it for a Science credit will still take a Life Fitness class unless they otherwise meet exemption requirements.

Students who take this may choose to be dual enrolled in a Career Internship course (see Career Internship course description on this page) to get credit for their off campus experiences.

Advanced Placement Biology**Credit: 1.0**

Prerequisite: Credit or concurrent enrollment in Advanced Algebra Trigonometry or higher math course and a strong performance in Biology and Chemistry is highly recommended. Sophomore placement by recommendation only. Successful completion of Chemistry or Chemistry Honors and meeting benchmarks on the math and reading PSAT automatically qualifies a student to take this course.

The graphing calculator required for math courses is recommended for this course for classwork.

Grades offered: 10-12

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes--energy and communication, genetics, information transfer, ecology, and interactions. Dissection may be a component. This course meets for one and a half blocks, typically with one 90-minute block alternating days with one 45-minute half block.

Advanced Placement Chemistry

Credit: 1.0

Prerequisite: Concurrent enrollment in Pre-Calculus or higher math course. Successful completion of Chemistry or Chemistry Honors and meeting benchmarks on the math and reading PSAT automatically qualifies a student to take this course.

Ancillary Fees: \$10-\$15. Carbonless lab notebooks are purchased by students. In all cases the items purchased are the property of the student and may be kept.

The graphing calculator required for math courses is recommended for this course.

Grades offered: 11-12

This two-semester course is a second-year chemistry class and designed to be the equivalent of general chemistry courses usually taken during the first year of college. The course includes an in-depth study of the structure of matter, states of matter (behavior of gases, liquids, solids and solutions), reactions (reaction types, stoichiometry, kinetics, thermodynamics, and equilibrium), descriptive chemistry, and a heavy emphasis on laboratory work. The structure of matter includes atomic theory, atomic structures, chemical bonding, and nuclear chemistry. There is a strong emphasis on chemical calculations and mathematical formulations of principles throughout the course. This course meets for one and a half blocks, typically with one 90-minute block alternating days with one 45-minute half block.

Advanced Placement Environmental Science

Credit: 1.0

(Blended option at Central)

Prerequisite: Concurrent enrollment in Advanced Algebra Trigonometry or higher math course, and strong performance in Biology and Chemistry is highly recommended

The graphing calculator required for math courses is recommended for this course.

Grades offered: 11-12

This two-semester course will be the equivalent of one semester introductory college course in environmental science. Students will investigate, explain and describe scientific phenomena regarding the interrelationships of the natural and manmade worlds, analyze environmental problems and examine alternative solutions for resolving/preventing these problems. Students will explore areas of environmental concern as well as the interactions between living and nonliving components in the environment through a combination of field studies and lab activities.

Advanced Placement Physics I

Credit: 1.0

(Blended option at Central)

Prerequisite: Credit or concurrent enrollment in Pre-Calculus or higher math course. Completion of Chemistry or Chemistry Honors and meeting benchmark on the math PSAT automatically qualifies a student to take this course.

The graphing calculator required for math courses is recommended for this course.

Grades offered: 11-12

This two-semester course can be taken as a first or second physics class. AP Physics I is equivalent to a first-semester college course in algebra-based physics. At the completion of this course students will be eligible to take the AP Physics I exam. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

Advanced Placement Physics II

Credit: 1.0

Prerequisite: Credit in AP Physics I

The graphing calculator required for math courses is recommended for this course.

Grades offered: 11-12

This two-semester course can be taken as a second Physics class. AP Physics II is equivalent to a second-semester college course in algebra-based physics. At the completion of this course students will be eligible to take the AP Physics II exam. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics.

Advanced Placement Physics C-Level

Credit: 1.0

Prerequisite: one credit or concurrent enrollment in Calculus; Successful completion of AP Physics I is required, and a strong performance in AP Physics I is highly recommended.

The graphing calculator required for math courses is recommended for this course.

Grade offered: 12

This is a two-semester, calculus based physics course that covers the basics of classical mechanics and electro-magnetism. Topics include forces and motion, energy, momentum, electricity, magnetism, and electro-magnetic induction. Content is explored through classroom lecture, student discussion, interactive demonstrations, and laboratory explorations. Calculus is used throughout the year to explore the fundamental relationships that define many basic physics concepts. Developing an understanding of these basic physics principles and the ability to apply them are the major goals of this course; problems will be rigorous and challenging. In most colleges, this is a one-year preparatory course and provides a foundation for more advanced physics and engineering courses. The course meets for one and a half blocks, typically with one 90-minute block alternating days with one 45-minute half block.

Social Studies

Required Course	
Elective Course	

Freshman	Sophomore	Junior	Senior
World History	Current Issues	United States History	Government
World History Honors	Geography	American Studies Honors: In Search of America (2 Blocks, w/English)	Government Honors
Big History	Economics	U.S. History Honors	AP Government & Politics
AP World History	Sociology	AP U.S. History	Current Issues
AP Human Geography* (see note at bottom of page)	AP Economics	Current Issues	Geography
	AP European History	Geography	Economics
	AP Human Geography	Economics	Sociology
	AP World History	Sociology	Psychology
	Big History	Psychology	Public Service Practicum
		Public Service Practicum	AP Comparative Government
		AP Economics	AP Economics
		AP European History	AP European History
		AP Human Geography	AP Human Geography
		AP World History	AP World History Modern
		AP Psychology	AP Psychology
		Big History	Big History

*Students who take AP Human Geography freshman year must meet the World History requirement by taking AP World History, World History Honors, or AP European History sophomore year

Course Title	Prerequisite	Credit	Grade(s) offered
Big History	None	1.0	9-12
World History	None	1.0	9-12
World History Honors	Yes	1.0	9-12
Geography	None	0.5	10-12
Advanced Placement Human Geography	Yes	1.0	9-12
Current Issues	None	0.5	10-12
Economics (Blended option)	None	0.5	10-12
Advanced Placement Economics	Yes	1.0	10-12
U.S. History	None	1.0	11-12
U.S. History Honors (Blended option)	Yes	1.0	11-12
Advanced Placement U.S. History	Yes	1.0	11
American Studies	No	1.0	11-12
Advanced Placement European History	Yes	1.0	10-12
Psychology	None	0.5	11-12
Advanced Placement Psychology	Yes	1.0	11-12
Sociology (Blended option at Central)	None	0.5	10-12
Government & Civics	None	0.5	12
Government & Civics Honors (Blended option at North)	Yes	0.5	12
Advanced Placement U.S. Government and Politics	Yes	0.5	12
Advanced Placement Comparative Government	Yes	0.5	12
Public Service Practicum (Blended option)	None	1.0	11-12
Advanced Placement World History: Modern	Yes	1.0	9-12

See course description for all prerequisites

Social Studies Graduation Requirements:

1.0 Credit of World History, Big History, World History Honors, or AP World History. Students who successfully complete AP Human Geography their freshman year may meet this requirement through successful completion of AP European History their sophomore year.

1.0 Credit of U.S. History, U.S. History Honors, AP U.S. History, or American Studies Honors

0.5 Credit of Government & Civics, Government & Civics Honors, or AP Government and Politics (meets IL Civics and Constitution requirements)

0.5 Credit of an additional Social Studies elective

3.0 Credits Total of Social Studies

World History**Credit:** 1.0**Prerequisite:** None**Grades offered:** 9-10

This two-semester course includes the study of historical and modern world societies. Particular attention is given to types and roles of governments, major philosophies, major historical developments of people, ethnicities, and religions, the causes and consequences of conflict, and the achievements and challenges faced by societies over time. The use of primary sources, along with secondary readings and class discussion, encourages students to form critical interpretations of world history. Emphasis will also be placed on the development of skills such as reading, writing, document analysis, and problem solving. This course meets the World History requirement for graduation.

Dual Language World History (at North)**Credit:** 1.0**Prerequisite:** None**Grades offered:** 9-10

This course will be delivered in both Spanish and English. This two-semester course includes the study of historical and modern world societies. Particular attention is given to types and roles of governments, major philosophies, major historical developments of people, ethnicities, and religions, the causes and consequences of conflict, and the achievements and challenges faced by societies over time. The use of primary sources, along with secondary readings and class discussion, encourages students to form critical interpretations of world history. Emphasis will also be placed on the development of skills such as reading, writing, document analysis, and problem solving. This course meets the World History requirement for graduation.

World History Honors**Credit:** 1.0**Prerequisite:** Students who met or exceeded ERW benchmark on the PSAT automatically qualify for this course. Strong performance in previous social studies courses recommended.**Grades offered:** 9-10

This two-semester course includes the study of historical and modern world societies. The extensive use of primary sources, along with secondary readings and challenging class discussion, encourages students to form critical interpretations of world history specifically the types and roles of governments, major philosophies, major historical developments of people, ethnicities, and religions, the causes and consequences of conflict, and the achievements and challenges faced by societies over time. Students will be involved in creative historical projects and essay writing based upon their interpretations of primary and secondary sources and class discussions. Students will have the opportunity to engage in meaningful historical research throughout the course. This course meets the World History requirement for graduation.

Geography**Credit:** 0.5**Prerequisite:** None**Grades offered:** 10-12

This one-semester course is intended for students interested in using geographic studies to enhance their critical-thinking and interpretative skills. Students will explore regional, physical, and cultural geography through the five themes of geography. Students will be given the opportunity to travel around the world through their studies, and become familiar with the fascinating environments of the world in which we live.

Advanced Placement Human Geography

Credit: 1.0

Prerequisite: Incoming freshmen must be recommended by the Department Chair to take the course in lieu of World History or World History Honors. Current students may enroll in this course after successfully completing either World History, World History Honors, or AP World or by meeting or exceeding in ERW on the PSAT/SAT.

Grades offered: 9-12

This two-semester is designed as a college-level survey of Human Geography in which students will analyze patterns and processes that shape human understanding, use and alteration of the surface of the Earth. Students will use maps and spatial data to pose and solve problems, and to examine human social organization and its impact on our environment. Students will use the methods and tools of geographers to study population, cultural patterns, political organizations, rural and urban land use, and industrialization and economic development. Summer work may be assigned in May of the preceding year and students may opt to purchase the standard textbook.

Current Issues

Credit: 0.5

Prerequisite: None

Grades offered: 10-12

This one-semester course is the study of contemporary world problems. A global approach is used to make students aware that people from all over the earth are responsible for the continued existence and development of the human race. In lieu of a textbook for the course, students will engage in relevant news media platforms that include: student news, documentaries, podcasts, and online news sources. Students will engage in a variety of activities including discussion, debates and other projects to demonstrate depth of understanding of current issues to their lives and the world in which we live.

Dual Language Current Issues (at North)

Credit: 0.5

Prerequisite: None

Grades offered: 10-12

This course will be delivered in both Spanish and English. This one-semester course is the study of contemporary world problems, with special focus on Latin American countries. A global approach is used to make students aware that people from all over the earth are responsible for the continued existence and development of the human race. In lieu of a textbook for the course, students will engage in relevant news media platforms that include: student news, documentaries, podcasts, and online news sources. Students will engage in a variety of activities including discussion, debates and other projects to demonstrate depth of understanding of current issues to their lives and the world in which we live. This course fulfills a Social Studies elective credit.

Economics**Credit:** 0.5

(Blended option at Central)

Economics satisfies the Consumer Education graduation requirement.**Prerequisite:** None**Grades offered:** 10-12

In this one-semester course, students identify and analyze concepts of a market economy, and learn to recognize the principle of scarcity as the driving force behind decisions. Students participate in simulations, projects and class discussions that examine and illustrate real-life concepts such as individual decision making, basics of economic systems, supply and demand, pricing, national economic factors, solving global issues and personal finance.

Advanced Placement Economics**Credit:** 1.0**Advanced Placement Economics satisfies the Consumer Education graduation requirement.****Prerequisite:** None, strong performance in previous social studies classes highly recommended.**Grades offered:** 10-12

In this two-semester course, students will study both micro and macro economics in preparation for the respective Advanced Placement exams. In Microeconomics, students gain a thorough understanding of the role of consumers and producers within a free-enterprise system. In-depth analysis of the various market structures as well as the fundamental concepts which drive the allocation of the world's scarce resources will be the focus. Macroeconomics will include the study of economy-wide concerns. Money and banking, unemployment, gross domestic product, interest rates and international trade are among the topics to be studied during the second half of the year. Crucial concepts of personal finance will also be taught, including checking and savings accounts, budgeting and managing credit. Students should be comfortable utilizing basic math and graphing skills for the course.

U.S. History**Credit:** 1.0**Prerequisite:** None**Grades offered:** 11-12

In this two-semester course, students study American history through multiple and varied units of study that focus on historical events and their connection to present-day issues. The course is structured to include not only a narrative of people, places, and events, but also analytical inquiry into the cultural, political, economic, religious and social aspects of the American experience. Emphasis is placed on the understanding of the causality of events, the multiple perspectives inherent in the study of history, and essential reading, writing, primary source analysis, and research skills. Throughout the course, an attempt is made to show the relationship between the past and the present, and to cultivate understanding of the foreign and domestic issues faced by the United States. A key emphasis of the course is student-driven civic engagement and research into local and regional history.

U.S. History Honors

Credit: 1.0

Prerequisite: Successful completion of world history honors or other advanced freshman social studies course, or by teacher recommendation. In addition, any student who meets or exceeds in ERW on the PSAT 10 automatically qualifies for this course.

Grades offered: 11-12

This two-semester accelerated course is structured to include not only a narrative of people, places, and events, but also analytical inquiry into the cultural, political, economic, and social aspects of the American experience. Emphasis is placed on the understanding of the causality of events, the multiple perspectives inherent in the study of history, and essential reading, writing, and research skills. The focus of this course is not only on a narrative of people, places, and events, but also analytical inquiry into the cultural, political, economic, religious and social aspects of the American experience. Throughout the course, an attempt is made to show the relationship between the past and the present, to cultivate understanding of the foreign and domestic issues faced by the United States, and to shed light on the unique role of the United States as a major world power and its responsibilities to other nations as a leader of the free world. A key emphasis of the course is student-driven civic engagement and research into local and regional history. The course features additional opportunities for primary and secondary source analysis, research, and presentations.

Advanced Placement U.S. History

Credit: 1.0

Prerequisite: Successful completion of World History Honors, AP World, AP Euro, or by teacher recommendation.

Grade offered: 11

This two-semester course is designed to develop students' analytical skills and provide the factual knowledge necessary to deal critically with the events in U.S. History. The focus of this course is not only on a narrative of people, places, and events, but also analytical inquiry into the cultural, political, economic, religious and social aspects of the American experience. The program prepares students for intermediate and advanced college courses by offering the rigor and intensity of study consistent with such classes. Students learn to assess the relevance, reliability and importance of historical documents and to weigh the evidence and interpretations presented in historical scholarship. **A summer assignment may be required by and will be issued in May of the preceding school year.** It is recommended that students purchase an outside review book if they plan on taking the AP U.S. History Exam.

American Studies Honors

Credit: 1.0 Social Studies, 1.0 English

Prerequisite: None

Grades offered: 11-12

This two-semester Honors course offers an integrated approach to the study of American history and literature with the development of composition, reading, and research skills. Students are scheduled for consecutive periods of U.S. History and Junior English, allowing separate study of the two disciplines, as well as activities which integrate the study of our nation's history and its literature. A key emphasis of the course is student-driven civic engagement and research into local and regional history. This two-period class fulfills the graduation requirement of one year of U.S. History and one year of English.

Advanced Placement European History

Credit: 1.0

Prerequisite Courses: Students who meet or exceed on the PSAT ERW in the preceding year may qualify for this course as long as they have successfully completed honors work in their previous social studies classes.

Grades offered: 10-12

This course will focus on Europe and the influence that the European experience has had on the rest of the world. The course covers the period from 1450 to the present, starting with the Renaissance and going beyond the dissolution of the Soviet Union and Soviet style communism in Eastern Europe. The political, diplomatic, economic, social, cultural, and intellectual history of Europe is studied by examining primary, secondary, and visual sources. This development of critical historical skills including document analysis and interpretation, thesis driven essay writing, historical causation, change and continuity over time, comparison, and contextualization is a focal point of this course. This course is designed as a college level course and will be both challenging and rewarding for students. This course will meet the World History graduation requirement only for students who take AP Human Geography as a Freshman. Meets World History Graduation Requirement.

Psychology

Credit: 0.5

Prerequisite: None

Grades offered: 11-12

This one-semester course is designed to introduce students to the fundamental concepts of psychology such as brain function, learning, memory, states of consciousness, personality theory, human development, and abnormal psychology. Emphasis is placed on critical thinking and student understanding of how physiological phenomena impact human relationships. Students enrolled in this course will be provided with the opportunity to actively engage in small and large-group discussions as they examine and apply psychological concepts and theories to their own lives.

Advanced Placement Psychology

Credit: 1.0

Prerequisite: Students with successful completion of earlier social studies courses, or by teacher recommendation. Students who took Psychology and met or exceeded on the ERW on the PSAT automatically qualify for this course.

Grades offered: 11-12

This two-semester course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of humans and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will have the opportunity to learn about the ethics and methods psychologists use in their science and practice, as well as critically examine and discuss an array of topics including history and approaches, research methods, biological bases of behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. This course will be similar to an introductory college-level psychology course, and will include discussions, experiments, lecture, demonstrations, cooperative learning, interactive web activities, essays, projects, and research-based assignments. Critical thinking and discussion are regular components of the course.

Sociology**Credit:** 0.5

(Blended option at Central)

Prerequisite: none**Grades offered:** 10-12

This one semester course touches on the essential concepts of sociology. The main topics of study are sociological perspectives, culture, socialization, gender studies, racial and ethnic inequality, socioeconomic stratification, family dynamics, and crime and deviance. The course requires students to perform scholarly research, prepare and perform numerous presentations, engage in class dialogues and process information through various writing exercises. The sociology classroom demands academic determination and a desire to engage in class discussion.

Government & Civics**Credit:** 0.5**Prerequisite:** none**Grade offered:** 12

This one-semester course introduces the fundamental concepts and structure of federal, state, and local government; methods of selecting candidates for office; methods by which individuals and groups may influence government officials; and the mechanics of voting. Emphasis is placed on individual rights and the development of skills needed to become a well-informed and active citizen including media literacy, respectful civil discourse, and how to get engaged with the political process. The Federal and Illinois Constitution tests required for graduation by the State of Illinois are taken during this course. Successful completion of this course is required for graduation. This course also meets the Illinois civic education requirement.

Government & Civics Honors**Credit:** 0.5

(Blended option at North)

Prerequisite: Completion of US History or US History Honors. Students who complete US History and meet or exceed in ERW on the PSAT NMSQT or the SAT automatically qualify for this course.**Grade offered:** 12

This one-semester course introduces the fundamental concepts and structure of federal, state, and local government; methods of selecting candidates for office; methods by which individuals and groups may influence government officials; and the mechanics of voting. Emphasis is placed on individual rights and the development of skills needed to become a well-informed and active citizen including media literacy, respectful civil discourse, and how to get engaged with the political process. The Federal and Illinois Constitution tests required for graduation by the State of Illinois are taken during this course. Successful completion of this course is required for graduation. This course also meets the Illinois civic education requirement.

Advanced Placement U.S. Government and Politics

Credit: 0.5

Prerequisite: Successful completion of US History Honors or AP US History, or by teacher recommendation

Grade offered: 12

This one-semester course is intended for students who wish to pursue a class that is equivalent to a one-semester college introductory class in American government and politics. The course is designed to give students a critical perspective on politics and government in the United States. The class also covers fundamental concepts to familiarize students with the various institutions, groups, beliefs, and ideas that make up the political reality of today. The Federal and Illinois Constitution tests required for graduation by the State of Illinois are taken during this course. It is the goal of this course to develop skills of argumentation and the development of skills needed to become a well-informed and active citizen including media literacy, respectful civil discourse, and how to get engaged with the political process. Completion of this course will fulfill the government graduation requirement. This course also meets the Illinois civic education requirement.

Advanced Placement Comparative Government and Politics

Credit: 0.5

Prerequisite: Successful completion of US History Honors or AP US History, or by teacher recommendation.

Grade offered: 12

This one-semester course is intended for students who wish to pursue a class that is equivalent to a one-semester introductory college course in Comparative Government and Politics. The course is designed to give students a solid background in international relations, comparative politics, the practice of political science, and governing structures. The course emphasizes the comparison of history, political culture, institutions, constitutions, political parties, media, interest groups and policy making of six various political systems. The political systems studies are Great Britain, Russia, China, Iran, Nigeria and Mexico. Course activities include reading periodicals and daily newspapers, as well as, a college textbook, and supplementary readings.

Public Service Practicum

Credit: 1.0

(Blended option available at both campuses)

Dual credit available through the College of Lake County

Prerequisite: none

Grades offered: 11-12

This blended two-semester course integrates the curriculum with service learning and gives students an opportunity to transfer classroom learning into real life experiences. PSP consists of two components: classroom instruction and service-learning projects. Students gain a greater awareness of their community and the needs that exist, engage in experiential learning, solve real world problems, and learn what it means to live in a democratic society by actively participating in the government and community. This will be done by studying social issues that impact the community, learning about the public service agencies that address these issues, and developing and implementing community service projects to solve these problems in the Grayslake community. PSP class is a project management class where students learn leadership and management skills through the planning and implementation of service projects.

Advanced Placement World History: Modern**Credit:** 1.0**Prerequisite:** Students who meet or exceed on the PSAT ERW in the preceding year may automatically qualify if they have successfully completed honors coursework in a previous social studies class.**Grades offered:** 9-12

AP World History is designed to be the equivalent of a two-semester introductory college or university world history course. In AP World History students investigate significant events, individuals, developments, and processes in several historical periods from approximately 1200 C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. Meets World History Graduation requirement.

Big History**Credit:** 1.0**Prerequisite:** none**Grades offered:** 9-12

In this year-long course, students will use several disciplines, including history, anthropology, geography, chemistry, biology, and physics (among others), to gain a more complete perspective on how humans fit into the past, present, and future of the planet and the universe. The Big History story encompasses over 13.8 billion years of elements, stars, planets, organisms, and the development of modern day human societies. The 13.8 years of Big History are divided into 9 Thresholds of study: Origins of the Universe, Star Light Up, New Chemical Elements, Earth & Our Solar System, Life of Earth, Collective Learning, Agriculture, the Modern Revolution & the Future. Students will develop skills in reading, writing, research, and critical thinking through this unique course. Big History meets the World History requirement for graduation.

Special Education

Grayslake Community High School provides all students with disabilities a free and appropriate public education. Student's parents/guardians serve as team members with the public school in determining eligibility for all provision of special education services. Once a student has been found eligible for special education and/or related services, an individualized education program is developed to determine the extent of services appropriate for that student. It is the responsibility of this multi-disciplinary team to determine the most appropriate educational placement in the least restrictive environment.

Educational Itinerant Services

The itinerant service program is a minimal service delivery program, designed to meet the needs of individual students. These students need little academic assistance, can self-advocate and can independently seek academic assistance on a majority of course work. The itinerant may meet with students, individually or in small groups, up to three periods per week. Students who receive itinerant services are fully mainstreamed in Grayslake courses and electives. These students usually require little or not related services in order to benefit from their education.

Resource Services

The resource program is designed to meet the needs of students with mild disabilities who may need tutorial and organizational assistance, as well as case management on a daily basis. This program may include social work, speech/language, and/or other related services for qualifying students. The students in this program are primarily mainstreamed in Grayslake courses and electives.

Co-Teaching Model

The co-teaching model is designed to meet the needs of students with disabilities within the regular education environment. Classes are taught by two teachers, one special educator and one content area specialist. Classes are designed to allow students the opportunity to access instruction in a lower student to teacher ratio, and meet the needs of students with disabilities in the regular education setting.

Aide Classroom Support

Similar to the original co-teaching model, we may offer Aide Sections of some courses taught by a content area specialist and supported by a classroom paraprofessional. In such Aide Sections, the paraprofessional is providing executive functioning and other non-curricular supports for the student.

Instructional Services

The instructional program is designed to meet the needs of students with moderate to severe disabilities who may need extensive assistance and/or instructional courses. Instructional classes provide more individual attention than mainstream classes are able to provide. Their class sizes do not exceed 15 students, and are usually smaller. These classes offer differentiated instruction and the content delivery is multi-modal in nature. This program includes a strong transitional component as well as social work, speech/language and/or other related services, for qualifying students. These students have access to all Grayslake courses and electives in the mainstream, as appropriate.

Strategic Study Skills - Instructional**Credit:** 0.5**Prerequisite:** None**Grades offered:** 9-12

This two-semester course specifically emphasizes important academic skills, vocabulary, content, and strategies associated with taking the College Board/SAT. Practice tests and sample questions will be given to the students to prepare them in taking the tests. Students will also receive general academic and organizational assistance to support their success within the general curriculum.

Life Skills/Life Beyond the Classroom (LBC)**Credit:** 0.5 per semester**Prerequisite:** by placement**Grades offered:** 9-12

The Life Skills or LBC Program is for students to develop the practical academic and social skills necessary to maximize their independence following high school. Through a four-year course of study, students work on a variety of skills such as goal setting, time-management, personal finance, daily living skills, pre-employment skills, and strategies for maintaining social and emotional health. In addition to learning essential life skills, students develop an understanding of their individual strengths and weaknesses as well as their personal interests and career goals.

Choices Program/Skills for Life**Credit:** 0.5 per semester**Prerequisite:** by placement**Grades offered:** 9-12

The Choices program provides a positive learning environment for students needing additional services and guidance during their academic career. Students within the program will pursue personal and career goals, develop effective communication and self-advocacy skills, and engage with individuals and organizations within their community. The Choices program provides opportunities for personal growth, as well as character development, ensuring the student's personal and academic success and positively contributing to their community. The Skills for Life curriculum develops the functional, social, and emotional skills necessary for students to be successful following high school. Outcomes include goal-setting, time-management, financial planning, work and daily living skills, and strategies for maintaining social and emotional health. In addition to learning essential life skills, students will develop an understanding of their strengths, weaknesses, personal interests, and goals.

TASCS Program/Skills for Life**Credit:** 0.5 per semester**Prerequisite:** by placement**Grades offered:** 9-12

The TASCS (Teaching Appropriate Social/Communication Skills) program creates a positive learning environment for Grayslake North students needing additional services and guidance to support their communication and social skills throughout their academic career. The students in the TASCS program will develop effective communication and social skills, self-advocacy skills, organizational skills as well as engaging with individuals and organizations within their community. The TASCS program is designed to provide opportunities for personal growth, effective problem solving skills, and ensuring the student's personal and academic success.

Reading Study Skills**Credit:** 0.5 per semester**Prerequisite:** by placement**Grades offered:** 9-12

The Reading Study Skills Program is a class that prioritizes small group instruction and intensive intervention. The goal is to help students improve their reading and writing skills as outlined on their IEP. Instruction is individualized and reading is performed at each student's instructional level. Comprehension is emphasized in both reading and writing and a strong connection between the two is fostered. Reading assessments are performed regularly to monitor student progress, support their needs, and make necessary adjustments.

Support Services

Course Title	Prerequisite	Credit	Grade Offered
Academic Literacy Tutors (SWAT) - North only	Yes	.25	10-12
Academic Literacy Tutors Honors (SWAT) - North	Yes	.25	11-12
Adolescent Literacy I - Central only	Yes	1.0	9
Adolescent Literacy II - Central only	Yes	1.0	10-11
AIM Resource I - Central only	Yes	0	9-12
AIM Study - North only	Yes	0	9-12
AIM Resource II - Central only	Yes	0	11-12
See course descriptions for all prerequisites			

Academic Literacy Tutors (SWAT) - North only

Credit: .25 general elective

Prerequisite: at least sophomore standing, placement by recommendation

Grades offered: 10-12

In this unique course, known by the acronym S.W.A.T. (Students Who Achieve Together), students enroll as both students and tutors for a meaningful service-learning experience. As students, they will study psychology, education, interpersonal communication, and leadership. As tutors, they will provide one-on-one or small-group tutoring and mentoring for students in need. This course is ideal for high-achieving students with leadership potential, especially those who are interested in education as a future career. Class sessions occur during the students' lunch period. Tutoring sessions can occur during their SWAT period, or during another free period. The tutoring schedules and availability of each student tutor is chosen by the student tutors themselves to help them balance their responsibilities and maximize their opportunity to both learn and make a positive impact in their school.

Academic Literacy Tutors Honors (SWAT) - North only

Credit: .25 general elective

Prerequisite: at least junior standing; completed at least one year of SWAT

Grades offered: 11-12

Students will have the option to enroll as mentor tutors after their first year to receive Honors credit. Students enrolling for honors credits will serve as teacher liaisons for future tutors and will have the option to serve as a teaching assistant in classrooms. Students enrolled for honors credit will complete a capstone project.

Adolescent Literacy I - Central only**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$10-\$15. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** Placement by recommendation, test scores and/or approval from the Academic Intervention Coordinator**Grades offered:** 9 and 10

This course is designed to specifically identify and strategically work on students' literacy needs. Through individualized instruction in the areas of fluency, comprehension, and vocabulary development, this course is designed to support students in achieving grade-level proficiency. Students will participate in classroom reading strategies designed to increase reading proficiency. Classroom activities will include read-alouds, silent reading, as well as written and verbal responses to reading material.

Adolescent Literacy II - Central only**Credit:** 1.0**Ancillary Fees:** There is an approximate cost ranging from \$10-\$15. In all cases the items purchased are the property of the student and may be kept.**Prerequisite:** Placement by recommendation, test scores and/or approval from the Academic Intervention Coordinator**Grades offered:** 9 and 10

This course is an extension of our Adolescent Literacy I course and continues the focus on the strengths and needs of each individual student. Adolescent Literacy II supports the development of the reading and writing skills necessary for a successful high school experience in the various content areas. Students will continue to build confidence in their reading abilities by engaging in texts and lessons that tap into topics and genres of interest. Such lessons will promote academic engagement, problem-solving skills, and in-depth connections among content areas.

AIM Resource I - Central only**Credit:** 0 per semester**Prerequisite:** Referral from the Academic Intervention Coordinator**Grades offered:** 9-12

This course provides a supportive, small-group learning environment led by a certified teacher with expertise in designing learning strategies and building self-efficacy. The goal of the AIM Resource program is to create effective and efficient student learners who are more successful in school. Time is also allotted for students to receive individual assistance with executive functioning skills, goal setting, the completion of course assignments and preparation for tests. Students and parents will receive frequent feedback about the students' academic progress.

AIM Study - North only

Credit: 0 per semester

Prerequisite: Placement by recommendation, test scores and/or approval from the Academic Intervention Coordinator

Grades offered: 9-12

This course provides a supportive learning environment led by a team of certified and support staff members. The goal of the AIM Study program is to create effective and efficient student learners who are more successful in school. Time is allotted for students to receive small group assistance with executive functioning skills, goal setting, the completion of course assignments and preparation for tests. During AIM Study, students may also meet with Literacy, Numeracy, and/or Executive Functioning Interventionists in one-on-one or small group settings in order to progress in their academic skills.

AIM Resource II - Central only

Credit: 0 per semester

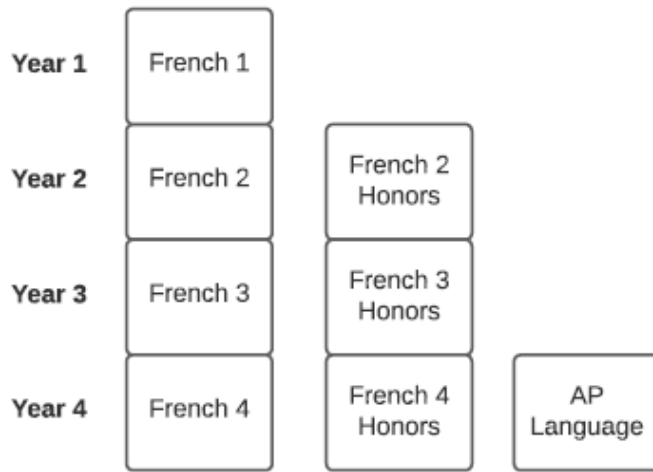
Prerequisite: Referral by the Academic Intervention Coordinator

Grades offered: 11-12

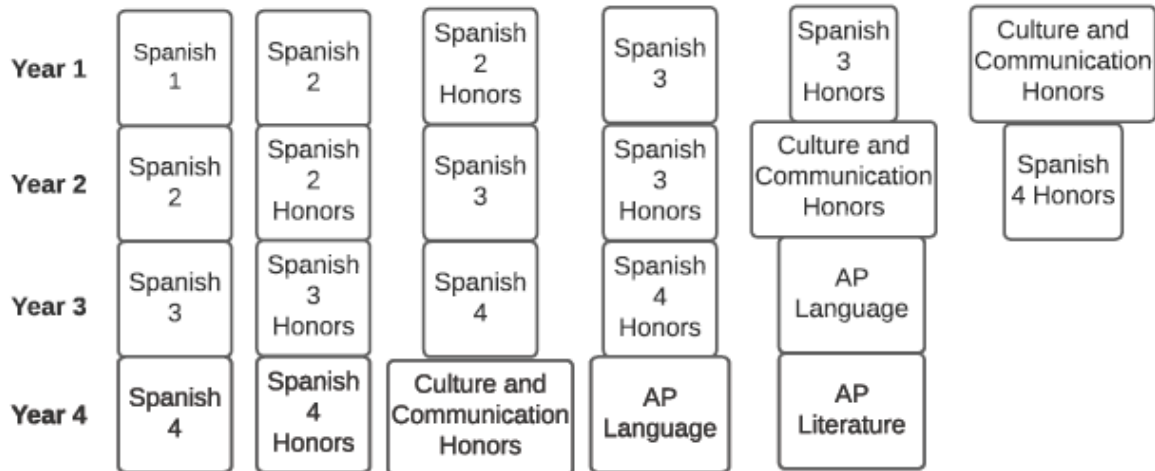
This two-semester course focuses on post-high school planning and goal-setting and provides a supportive, small-group learning environment to help students make progress toward graduation and plan for a smooth transition beyond high school. All enrolled students will participate in this instruction as well as in personal goal setting. Time will also be allotted for students to receive assistance with the completion of course assignments, preparation for college entrance exams and preparation for tests. Students and parents will receive frequent written feedback about the students' academic progress.

World Languages

French Course Sequence



Spanish Course Sequence



-Proper placement in the Spanish program for Native Spanish speakers is determined with a placement exam.

-Students are encouraged to study 4 years of language in order to maximize the opportunity to earn college credit post high school. College credit is possible through AP classes, the AAPPL exam for the State Seal of Biliteracy or a placement exam with the college.

Course Title	Prerequisite	Credit	Grades offered
French 1	None	1.0	9-12
French 2	Yes	1.0	9-12
French 2 Honors	Yes	1.0	9-12
French 3	Yes	1.0	10-12
French 3 Honors	Yes	1.0	10-12
French 4	Yes	1.0	11-12
French 4 Honors	Yes	1.0	11-12
Advanced Placement French Language and Culture	Yes	1.0	11-12
Spanish 1	None	1.0	9-12
Spanish 2	Yes	1.0	9-12
Spanish 2 Honors	Yes	1.0	9-12
Spanish 3	Yes	1.0	9-12
Spanish 3 Honors	Yes	1.0	9-12
Spanish 4	Yes	1.0	10-12
Spanish 4 Honors	Yes	1.0	10-12
Advanced Placement Spanish Language and Culture	Yes	1.0	11-12
Spanish Culture and Communication Honors	Yes	1.0	10-12
AP Spanish Literature	Yes	1.0	10-12
See course description for all prerequisites			

French 1

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.

Prerequisite: None

Grades offered: 9-12

In this two-semester course, students will use French to communicate within and beyond the classroom setting. Emphasis is placed on acquiring language skills in listening, speaking, reading and writing. Students will use the language they acquire in daily interactions with their teacher and peers. Learning is enhanced through the use of authentic sources such as films, literature and the study of French speaking cultures throughout the world. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

French 2

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 1, teacher recommendation or placement exam.

Grades offered: 9-12

This two-semester course is designed to further students' language development. Students engage in increasingly challenging tasks, incorporating all four of the language skills; listening, speaking, reading and writing. Students further their study of French-speaking cultures and continue to compare and contrast these cultures with their own. Students will use the language they acquire in daily interactions with the teacher and their peers and they will use their personal strengths to work towards fluency within and beyond the classroom setting. Learning is enhanced through the use of authentic sources such as films, literature and the study of French-speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning. Students will also experience the language through reading novels designed for level two students

French 2 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 1, teacher recommendations or placement exam.

Grades offered: 9-12

This two-semester course begins the honors level sequence and is designed to further students' language development at an accelerated and in depth pace. Students engage in increasingly challenging tasks, incorporating all four of the language skills; listening, speaking, reading and writing. Students further their study of French-speaking cultures and continue to compare and contrast these cultures with their own. Students will use the language they acquire in daily interactions with the teacher and their peers and they will use their personal strengths to work towards fluency within and beyond the classroom setting. Learning is enhanced through the use of authentic sources such as films, literature and the study of French-speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning. Students will also experience the language through reading novels designed for level two students

French 3

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 2, teacher recommendation or placement exam.

Grades offered: 10-12

This two-semester course is designed to further students' language development. Students engage in increasingly challenging tasks, incorporating all four language skills; speaking, reading, writing and listening. Communication is expanded by their ability to understand, speak, write, and read using several tenses in French. Powerful connections are made to the French-speaking world through the study of French-speaking cultures. Authentic audio, video and print resources are incorporated in this level to further enhance students' language acquisition and understanding of French customs and people. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

French 3 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 2, teacher recommendation or placement exam.

Grades offered: 10-12

This two-semester course continues the honors level sequence and is designed to further students' language development at an accelerated and in depth pace to prepare for AP French. Students engage in increasingly challenging tasks, incorporating all four language skills; speaking, reading, writing and listening. Writing and reading tasks are more complex with the goal to further enhance student understanding of French customs, people and how the language is composed. Communication is expanded by their ability to speak, write, and read using several tenses in French. Authentic audio, video and print resources are incorporated in this level to further enhance students' language acquisition and understanding of French customs and people. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

French 4

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 3, teacher recommendation or placement exam.

Grades offered: 11-12

This two-semester course is designed for students to continue the study of French with an emphasis on developing speaking and writing abilities through a variety of challenging tasks. Students explore the 22 countries of Francophone Africa; they compare and contrast the cultures of French-speaking Africa to their own. Students will read French newspapers and magazines, watch and discuss French films, read and analyze literature, and listen to native speakers. The use of the language lab will provide students with authentic learning opportunities to enhance language learning. Students will also experience the language through reading novels designed for level four students.

French 4 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in French 3, teacher recommendation or placement exam.

Grades offered: 11-12

This two-semester course continues the honors level sequence. French 4 Honors covers the curriculum at an accelerated pace, allowing for more in depth integration of the four basic skills: listening, writing, speaking and reading. Students explore the 22 countries of Francophone Africa; they compare and contrast the cultures of French-speaking Africa to their own. Students will read French newspapers and magazines, watch and discuss French film, read and analyze literature, and listen to native speakers. The use of the language lab will provide students with authentic learning opportunities to enhance language learning. Students will also experience the language through reading novels designed for level four students.

Advanced Placement French

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$40-\$50. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an extra cost.

Prerequisite: Proven proficiency in French 3 Honors, 4 Honors, teacher recommendation, or placement exam.

Grades: 11-12

This two-semester course prepares students for the AP test in May. It is organized around the AP themes: Global Challenges, Personal and Public Identities, Science and Technology, Contemporary Life, Beauty and Aesthetics, and Families and Communities. Actual components of the national exam are practiced through films, literature and cultural readings from various French-speaking cultures. Students will connect previously learned material and successfully apply it with newly learned material in different situations. Students will have a deeper awareness and understanding of the cultural diversity of the French-speaking world and draw comparisons to their own. Students pursue their individual passions to make meaningful connections to the French-speaking world while reinforcing their ability to integrate and synthesize the four language skills: reading, listening, writing and speaking. The language lab will be used extensively to practice and develop AP required skills.

Spanish 1

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.

Prerequisite: None

Grades offered: 9-12

In this two-semester course, students will use Spanish to communicate within and beyond the classroom setting. Emphasis is placed on acquiring language skills in listening, speaking, reading and writing. Students will use the language they acquire in daily interactions with their teacher and peers. Learning is enhanced through the use of authentic sources such as films, literature and the study of Spanish speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Spanish 2

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.

Prerequisite: Proven proficiency in Spanish 1, teacher recommendation or placement exam.

Grades offered : 9-12

This two-semester course is designed to further students' language development. Students engage in increasingly challenging tasks, incorporating all four of the language skills; listening, speaking, reading and writing. Students further their study of Spanish-speaking cultures and continue to compare and contrast these cultures with their own. Students will use the language they acquire in daily interactions with the teacher and their peers, and they will use their personal strengths to work towards fluency within and beyond the classroom setting. Learning is enhanced through the use of authentic sources such as films, literature and the study of Spanish speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Spanish 2 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost of \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.

Prerequisite: Proven proficiency in Spanish 1, teacher recommendation or placement exam.

Grades offered: 9-12

This two-semester course begins the honors level sequence and is designed to further students' language development at an accelerated and in depth pace. Students engage in increasingly challenging tasks, incorporating all four of the language skills; listening, speaking, reading and writing. Students further their study of Spanish-speaking cultures and continue to compare and contrast these cultures with their own. Students will use the language they acquire in daily interactions with the teacher and their peers and they will use their personal strengths to work toward fluency within and beyond the classroom setting. Learning is enhanced through the use of authentic sources such as films, literature and the study of Spanish speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning. Students will also experience the language through reading novels designed for level two students.

Spanish 3

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in Spanish 2, teacher recommendation or placement exam.

Grades offered: 9-12

This two-semester course is designed to further students' language development. Students engage in increasingly challenging tasks, incorporating all four language skills; speaking, reading, writing and listening. Communication is expanded by their ability to understand, speak, write, and read using several tenses in Spanish. Powerful connections are made to the Spanish speaking world through the study of Spanish speaking cultures. Authentic audio, video and print resources are incorporated in this level to further enhance students' language acquisition and understanding of Spanish customs and people. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Spanish 3 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the students and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in Spanish 2, teacher recommendation or placement exam.

Grades offered: 9-12

This two-semester course continues the honors level sequence and is designed to further students' language development at an accelerated and in depth pace. Students engage in increasingly challenging tasks, incorporating all four language skills; speaking, reading, writing and listening. Writing and reading tasks are more complex with the goal to further enhance student understanding of Spanish customs, people and how the language is composed. Communication is expanded by their ability to speak, write and read using several tenses in Spanish. Powerful connections are made to the Spanish-speaking world through the study of Spanish-speaking cultures. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Spanish 4

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in Spanish 3, teacher recommendation or placement exam.

Grades offered: 9-12

This two-semester course is designed for students to continue the study of Spanish with an emphasis on developing speaking and writing abilities through a variety of challenging tasks. Connections are made to the Spanish speaking world by reading short legends and stories which relate to history, geography, and cultural customs of Spanish speaking countries. Students will use the language they acquire in daily interactions with the teacher and their peers. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Spanish 4 Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an additional cost.

Prerequisite: Proven proficiency in Spanish 3, teacher recommendation or placement exam.

Grades offered: 10-12

This two-semester course continues the honors level sequence in preparation for the AP course. The course is taught at an accelerated pace, allowing for more in depth integration of the four basic skills: listening, writing, speaking and reading. Students will read authentic print resources in Spanish, watch and discuss films in Spanish, read and analyze literature, and listen to native speakers. Students will use the language they acquire in daily interactions with the teacher and their peers. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

Advanced Placement Spanish Language and Culture

Credit: 1.0

Ancillary Fees: There is an approximate material cost ranging from \$40-\$60. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an extra cost.

Prerequisite: Proven proficiency in Spanish 3 Honors, 4 Honors, Culture and Communication, teacher recommendation, or placement exam.

Grades offered: 11-12

This two-semester course prepares students for the AP test in May. It is organized around the AP themes: Global Challenges, Personal and Public Identities, Science and Technology, Contemporary Life, Beauty and Aesthetics, and Families and Communities. Actual components of the national exam are practiced through films, literature and cultural readings from various Spanish speaking cultures. Students will connect previously learned material and successfully apply it with newly learned material in different situations. Students will have a deeper awareness and understanding of the cultural diversity of the Spanish speaking world and draw comparisons to their own. Students pursue their individual passions to make meaningful connections to the Spanish speaking world while reinforcing their ability to integrate and synthesize the four language skills: reading, listening, writing and speaking. The language lab will be used extensively to practice and develop AP required skills.

Spanish Culture and Communication Honors

Credit: 1.0

Ancillary Fees: There is an approximate cost ranging from \$5-\$25. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year.

Prerequisite: Proven proficiency in Spanish 3, Spanish 4, or through a placement exam.

Grades offered: 10-12

This two-semester course embodies a wide range of media, literature, and cultural issues geared toward student interests while further developing their language skills. Students will be encouraged to make connections and pursue passions related to the Spanish speaking world. The class will focus on communication while emphasizing the integration of the 4 key skills; listening, reading, writing and speaking. The use of the language lab will provide students with authentic learning opportunities to enhance language learning.

AP Spanish Literature

Credit: 1.0

Ancillary Fees: There is an approximate material cost ranging from \$40-\$60. In all cases the items purchased are the property of the student and may be kept; digital items expire after one year. Field trips are optional and would be an extra cost.

Prerequisite: Proven proficiency in Spanish 3 Honors, 4 Honors, Culture and Communication, teacher recommendation, or placement exam.

Grades offered: 11-12

The AP Spanish Literature and Culture course uses a thematic approach to introduce students to representative texts (short stories, novels, poetry, and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretative), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g., art, film, articles, literary criticism).

Lake County High Schools' Technology Campus

The Tech Campus is an extension of Grayslake Community High Schools where students attend classes in a specific career training program. The Tech Campus experience provides an educational environment that supports and encourages individual learning styles, develops occupational skills and professionalism, promotes academic growth, and assists students in discovering their potential. In addition to high school credit, the Tech Campus partnered with the College of Lake County allows students the opportunity to earn college credit at no cost.

Classes are offered in three sessions, five days a week to sophomores through seniors. Twenty-two programs are offered at the Technology Campus, each for a three-hour period daily, and are an integral part of the student's school day. Each Tech Campus program allows students to learn at their own pace through a hands-on, experiential-based philosophy while earning high school credit. Through their respective programs, students use program-specific mathematics, science reasoning, language arts, and technology in real-world applications. Transportation is provided by the district both to and from their location (on the same campus as the College of Lake County). Descriptive brochures on each program are available in the Counseling Office at Grayslake Central and Grayslake North High Schools. Students are encouraged to see their counselors, CTE Department Chair, or Tech Campus Liaisons with questions about the program. For more information, visit the Lake County Technology Campus web-site at www.techcampus.org.

Transportation is provided by Grayslake Community High School to and from the Lake County High School Technology Campus.

The courses at the Technology Campus are open to sophomores, juniors and seniors. Descriptive brochures on each program are available in the Counseling Office at Grayslake Central and Grayslake North High Schools. Students are encouraged to see their counselors with questions about the program. For more information, visit the Lake County Technology Campus web-site at www.techcampus.org.

Following is a listing of all courses available at the Technology Campus. Enrollment may determine which classes are actually offered each semester. Questions on application process, registration and about classes should be directed to your school liaisons to the Tech Campus:

Grayslake Central: Meghan Lynn mlynn@d127.org

Grayslake North: Kevin Doyle kdoyle@d127.org

CTE Department Chair District: Gina Schuyler gschuyler@d127.org

Prerequisite: Sophomore, Junior or Senior classification and placement by the Counseling Department. All courses are classified at the regular level.

Course Title	Grade Offered
Automotive Collision Repair I & II	10-12
Automotive Service I & II	10-12
Biomedical Science	10-12
Certified Nursing Assisting	11-12
Computer Support Services I & II	10-12
Construction Skills and Management I & II	10-12
Cosmetology I & II	11-12
Culinary Arts I & II	10-12
Early Education & Teaching I & II	10-12
Emergency Medical Services	12
Fire Fighting I	10-12
Gaming Programming and Virtualization	10-12
Industrial Technology	10-12
Cybersecurity	10-12
Criminal Justice	10-12
Law Enforcement & Crime Scene Investigation	10-12
Medical Assisting	10-12
Multimedia Design	10-12
Laser Technology I & II	11-12
Welding & Fabrication I & II	11-12

Technology Campus Dual Credit F.A.Q.

What is Dual Credit?

Dual Credit is a program that allows students to take high school courses at Tech Campus in 18 different program areas while also enrolled at the College of Lake County (CLC). While students are enrolled at Tech Campus, they concurrently earn credits at the College of Lake County. This credit is placed on an official college transcript and can be used to pursue an Associate's degree or other certification.

What are the benefits of Dual Credit courses?

- Facilitates the transition between high school and college
- Reduces the cost of a college education
- Reduces the time needed to complete a degree program
- Reduces high school dropout rates
- Raises student motivation and aspiration
- Prepares students for college coursework
- Increases post-secondary enrollment

How do I enroll in Dual Credit?

After you begin your Tech Campus class, your instructor and representatives from the College of Lake County will work with you to enroll at CLC.

What does it cost to enroll in Dual Credit?

There is absolutely no cost to students that enroll in dual credit, in fact, students will never have to pay for the college credits earned while taking a Tech Campus class. This equated to a savings of \$138 per credit hour that is earned at Tech Campus.

Do I have to be enrolled at Tech Campus for two years to earn dual credit?

No, you can get dual credit if you are enrolled only for one year at Tech Campus.

How are dual credit courses different from high school AP courses?

Both types of courses are taught at the college level, but students in dual credit courses gain college credit immediately after successfully completing the course. In an AP course, students must pass the end-of-course exam to be eligible to apply for college credit once they graduate from high school. With dual credit courses, students do not have to wait to be awarded college credit.

How important is taking a dual credit course for college admissions?

Depending on the dual-credit course and the grade given, a student enrolling and completing dual-credit classes is usually a good sign that their motivation and academic interest in attending college is high. College may see dual-credit work as a positive when considering an application for admission or advanced academic standing in an honors program.

Some courses indicate that they offer articulated credit, not dual credit. What is the difference?

Articulated credit is only good at CLC and it does not transfer to other schools as a college credit. It can be used to "level up" to the next CLC course, but can't be used at another institution.

Students wishing to take classes offered at the Technology Campus are strongly encouraged to complete the full program sequence of orientation courses prior to taking the training level courses at the Technology Campus. It is recommended that students enroll in companion courses concurrently with Technology Campus program classes.

Automotive Collision Repair I & II

Credits: 1.5 per semester

Orientation Courses: Exploring Technology, Metals 1A

Companion Class: Metals 1B

Dual and articulated credit available if CLC criteria are met: 6 credits year one; 3 credits year 2

Grades: 10-12

This program provides students with the fundamental skills of the automotive collision repair industry. Instruction in the program emphasizes both the repair and refinishing skills associated with restoring a damaged automobile to factory specifications. Using an industry-endorsed curriculum, students will develop core skills in automobile construction, sheet metal damage repair, MIG welding, and basic refinishing. Upon mastery of the skills in core areas, students will gain skills in damage estimating, shop management, heavy collision repair, and finish matching. Students will be prepared to take the ASE certification exams in the areas emphasized in the program and will also be eligible to earn I-CAR Gold Class training points. Instructors are ASE (Automotive Service Excellence) certified. Internships are available with local business partners.

Automotive Service I & II

Credits: 1.5 per semester

Orientation Courses: Exploring Technology, Small Engines, Metals 1A

Companion Class: Metals 1B

Dual credit with CLC is available if CLC criteria are met: 4 credits year 1

This program will provide students with a foundation of skills to enter the automotive service industry. Students will be able to continue through their training in factory sponsored training programs, at a local community college or a private technical school. Training in the program emphasizes the development of skills in the core service areas utilizing factory procedures and industry standards in the school's fully operational repair shop. Instruction will feature training on brakes, steering and suspension, electrical systems, and engine performance. Upon successful completion of this program, students will be prepared to take the ASE (Automotive Service Excellence) certification exams in the areas emphasized in the program. Junior students may choose to participate in the AYES pathway (Automotive Youth Educational System) or the ACE Pathway (Automotive Career Exploration) designed to integrate basic skill mastery during internships with local business partners. The program is certified by NATEF (National Automotive Teachers Education Foundation).

Certified Nurse Assisting**Credits:** 1.5 per semester**Orientation Courses:** Health, Biology**Companion Class:** Anatomy**Dual credits available if CLC criteria are met: 7 credits****Grades:** 11-12

This program is designed to prepare students for employment as nursing assistants and for future entry into nursing education programs. This program leads to a certification of completion recorded with the Illinois Department of Public Health. Training will include the development of basic nursing and cardiopulmonary resuscitation skills through lecture, laboratory demonstration, laboratory practice, and clinical experience. Instruction in this program includes a minimum of forty clinical hours held in long-term facilities in the community. Students will work alongside a facility nurse and the instructor during clinical hours. Attendance at clinical sites is mandatory for state certification. Upon successful completion of this program, students will be eligible to take the written examination for the nurse assistant state certification. Students in this program must be seniors.

Computer Support Services I & II**Credits:** 1.5 per semester**Orientation Courses:** Exploring Technology**Companion Class:** Mobile App Development I, Mobile App Development II, Programming, Keyboarding**Dual credit available if CLC criteria are met: 3 credits for A+ Certification****Grades:** 10-12

This program will prepare students for careers in the computer field. Through the IT Essentials online curriculum and hands-on activities, students will install, maintain, upgrade, and repair computer hardware and software on workstations and network systems. This program will prepare students for the A+ Certification Exam, which is a nationally recognized industry-based certification for computer technicians capable of providing technical support and service in all PC environments. Upon successful completion of this program, students will be able to diagnose hardware or software failures and perform the actions necessary to correct the problems based on knowledge of the systems' operation. Additionally, students will learn how to provide the necessary support services to system users. Internships are available with local business partners.

Construction Skills I and Construction Skills & Management**Credits:** 1.5 per semester**Orientation Courses:** Exploring Technology, 3D Design & Modeling, Woods 1A**Companion Class:** Woods 1B, Architecture (CEA)**Dual credits are available if CLC criteria are met: 3 credits****Grades:** 10-12

This program is designed to prepare students for careers in the building construction trades. The curriculum is designed to provide the student with hands-on training over a two-year period in each of the following areas: safety practices, the proper use of hand and power tools, carpentry, plumbing, roofing, siding, drywalling, masonry, finish trimming, and various other construction related skills. Upon mastery of the skills for safety and basic hand and power tools used in the field, students will develop basic construction techniques and job planning skills in the lab. All lab work is followed up with applications at the project house built by the students, financed by the school, and sold to the general public. Internships are available with local business partners.

Cosmetology I & II

Credits: 2 per semester

Orientation Courses: Health and Biology

No dual credit is available for this course. Certification with 1500 clinical hours completed.

Grades: 11-12

The Tech Campus offers two separate programs in the Cosmetology department: Cosmetology and Nail Technology.

The Cosmetology program presents the theory, principles, and skills necessary to become a licensed cosmetologist in the State of Illinois. Students will acquire the 1500 hours of experience required for licensing while learning how to perform shampoos, make-over's, facials, hair-styling, manicuring, sculptured nails, permanent waving, hair coloring, and cutting. Students will develop skills in each of the areas mentioned while practicing their techniques in a lab setting. Following the lab phase of the program, students will reinforce their training by working on clients in the Tech Campus Creations Salon. Internships are available with local business partners.

The Nail Technology program presents the theory, principles, and skills necessary to become a licensed Nail Technician in the State of Illinois. Students will acquire 350 hours of experience required for licensing in one year. Skills in sanitation, bacteriology, OSHA standards, cells, metabolism, manicures and pedicures, procedures, and business practices are developed, while practicing their techniques in a lab setting. Following the lab phase of the program, students will reinforce their training by working on clients in the Tech Campus Creations Salon.

Culinary Arts I & II

Credits: 1.5 per semester

Orientation Courses: Culinary I and Culinary-II

Companion Class: Bakery and International Foods

Dual credits are available if CLC criteria are met: 4 credits year 1; 3 credits year 2

Grades: 10-12

This program provides culinary and hospitality education designed to prepare students for the many positions in the hospitality industry. Students will gain skills and knowledge in cold and hot food preparation, nutrition, baking, pastry, menu planning, sanitation, equipment operation, inventory control, purchasing, and front-of-the-house customer service skills. The ProStart program, which is cosponsored by the Illinois Restaurant Association, is a component of this program. Skills will be practiced in planning, organizing, and preparing culinary creations for special events, competitions, and the Tech Campus Deli. Second year students will gain advanced culinary and hospitality experience and will be eligible for the ProStart certification. Internships are available with local business partners.

Early Education & Teaching I & II**Credits:** 1.5 per semester**Orientation Courses:** Family Relations and Parenting, and Early Childhood Studies**Companion Class:** Early Childhood Practicum**Dual credits may be available if CLC criteria are met: 3 credits year 1; 3 credits year 2****Grades:** 10-12

This program is designed to prepare students for a variety of careers serving children. Students will develop skills to plan and implement age-appropriate activities in one of the two operating preschool labs. These skills include developing educational activities for the preschool children in creative arts, math, science, music, and language. Instruction will focus on the positive guidance of child behavior and all aspects of their development. Internships, job shadows, portfolio development, and other career readiness experiences are available.

In the second year of the program students will be introduced to the organizational management and operation of preschools and child care facilities through projects, observation, and self-directed activities. After meeting specified criteria, including a teacher recommendation, a second year student may be eligible to participate in the on-site internship program in our Infant/Toddler Center. This program will expand student knowledge of early childhood development through hands-on experiences, which aids in the student's overall employability. Internships are available with local business partners.

Emergency Medical Services**Credits:** 1.5 per semester**Orientation Courses:** Health, Biology, and Psychology**Companion Class:** Anatomy**Dual credits may be available if CLC criteria are met: 7 credits****Grade:** 12

This program prepares students to take the licensure examination of the Illinois Department of Public Health to become an EMT-B. The course of instruction is prescribed by the state of Illinois Department of Transportation. Activities include classroom instruction, practical demonstration, testing, clinical experiences in a hospital emergency room, and ride alongs with local Fire/EMS departments.

Professionalism, the emergency services system, and the responsibilities of emergency service personnel will be emphasized. Students will learn American Heart Association Healthcare Provider CPR, patient assessment, stabilization, and initial pre-hospital medical treatment of injured and ill patients. A student career portfolio will be developed and shared with potential affiliated Fire/EMS departments within the County. For students to be eligible to sit for the EMT-B state test at the end of the program, they must be 18 years of age, graduate high school, and have completed this program with a 75% or better.

Internships are available with local business partners.

Fire Fighting I

Credits: 1.5 per semester

Orientation Courses: Chemistry or Physical Science and Math

Companion Class: Government

Dual credits may be available if CLC criteria are met: 3 credits

Grades: 10-12

This program is designed to prepare students for entry-level firefighter positions. Students will learn through classroom and guided practice activities. The essentials of fire suppression skills are taught through classroom and guided practice activities. The skills include: understanding fire chemistry, wearing personal protective clothing, identifying ropes, tying knots, using fire extinguishers, performing forcible entry, carrying and raising ladders, operating self-contained breathing apparatus, employing search and rescue techniques, working with ventilation tools and practicing hose evolutions on an operating fire engine, all in a safety conscious environment. Leadership and communication skills help prepare the student for future certification. Internships are available with local business partners.

Gaming Programming and Virtualization

Credits: 1.5 per semester

Orientation Courses: Mobile App Development I, Mobile App Development II, Computer Programming, Keyboarding, Algebra

Companion Class: Mobile App Development, Advanced Algebra and Trigonometry

Dual credits may be available if CLC criteria are met.

Grades: 10-12

Formerly C++/Game Programming I, this program is designed to provide instruction in the computer science field. Students will be able to develop video games & professional programs using realistic hands-on interdisciplinary exercises. The game programming curriculum will focus on industry standard coding languages. Additional training will cover 2D and 3D animation. Additionally, students will work with virtual reality technologies providing experience in virtualizations allowing complex data or situations in a simulated real-world application.

Industrial Technology

Credits: 1.5 per semester

Dual credits may be available if CLC criteria are met: 5 credits

Grades: 10-12

Our Industrial Technology program, located at the College of Lake County's new Advanced Technology Center, will prepare you to work in a modern manufacturing environment, developing the skills you need to maintain, repair, and operate machinery and equipment in a high-tech, industrial setting. You'll gain "hands on" experiences in hydraulics, machine alignment, electricity, and mechanical fundamentals. After acquiring skills in electronics, computerized equipment maintenance and preventative/predictive maintenance, you'll have the confidence and ability to work for industrial manufacturing companies, food manufacturing/processing plants, farms, industrial contract service providers, machine shops, construction companies, and welding/fabrication shops.

Cybersecurity

Credits: 1.5 per semester

Orientation Courses: Mobile App Development I, Mobile App Development II, Computer Programming, Keyboarding, Algebra

Companion Class: Mobile App Development I, Advanced Algebra and Trigonometry

Dual credits may be available if CLC criteria are met: 9 credits

Grades: 10-12

The world runs on computers. This program is designed to give you a practical perspective on computer security, and approaches computer security in a way that anyone can understand. Learn how networks handle routing, DNS, load-balancing, and more. You'll receive light training in software development applications and other interactive media for mobile devices such as smartphones, tablets, and gaming applications that can run on a variety of platforms, then execute security measures to keep that data secure.

Criminal Justice

Credits: 1.5 per semester

Orientation Courses: Business and Personal Law

Articulated credit with CLC is available upon successful completion of this course.

Grades: 10-12

Formerly Criminal Justice I, this course will cover ethical considerations for criminal justice professionals and challenges to police officers as well as constitutional considerations for policing. The class will also cover functions and structure of the court and judicial system. Further topics will include correctional institutions, current and pending court cases, juvenile justice and role playing opportunities related to criminal justice.

Law Enforcement & Crime Scene Investigation

Credits: 1.5 per semester

Orientation Courses: Business and Personal Law

Articulated credits with CLC are available upon successful completion of this course.

Grades: 10-12

Formerly Criminal Justice II, this program prepares students for careers in the policing field. The class will focus on police procedures that are standard to a new police officer and the steps that are necessary to take to continue into a career of policing. The class will also explore basic crime scene investigation, interview and interrogation methods, and a study of criminal investigation.

Medical Assisting

Credits: 1.5 per semester

Orientation Courses: Health, Biology

Dual credits may be available if CLC are met: 6 credits

Grades: 10-12

This program introduces students to a wide variety of careers in the allied health field including medical lab technician, medical assistant, and medical office professional. The program provides learning opportunities for students to gain an understanding of medical theory, principles, and skills to prepare them for entry level positions in medical offices, clinics, and other medical environments. Training will include medical terminology, communication, body structure and function, vital sign measurement, principles of infection control, medical instrumentation, and microscope usage. Students will gain experience in basic laboratory procedures which aid in the diagnosis and monitoring of patient conditions. Internships are available with local business partners.

Multimedia Design

Credits: 1.5 per semester

Orientation Courses: Exploring Technology, 3D Modeling & Design

Companion Class: Mobile App Development I, Art, Keyboarding, Microsoft Applications

Dual credit may be available if CLC criteria are met: 3 credits year 1; 6 credits year 2

Grades: 10-12

Formerly Graphic Web Design and Photographic Design, this combined program prepares students for a variety of design careers including graphic designer, web designer, filmmaker, and entry-level animation. Students will design and produce a variety of print and digital publications utilizing a variety of software applications and technologies including but not limited to: Adobe® Suite®, Autodesk Sketch Up Pro, XHTML, and CSS.

This program also provides an understanding of the photography and digital imaging industry. Students will receive extensive training in traditional black and white photography which includes taking pictures, developing in the program's dark room, and printing black and white photographs. Digital photography, portrait photography, and advertising photography skills are taught as part of the program. Photography studio skills taught include techniques for camera use, lighting placement, backgrounds, props, and layout. A major emphasis will be on digital imaging using the program Adobe® Photoshop™ for photograph restoration, special effects, touch ups, and manipulation. Internships are available with local business partners.

Laser Technology

Credits: 1.5 per semester

Orientation Courses: Exploring Technology, PLTW courses

Dual credits may be available if CLC criteria are met: 10 credits year 1; 3 credits year 2

Grades: 11-12

This program will offer students hands-on learning with state-of-the-art optical and laser equipment. Photonics is the technology of generating and harnessing light and other forms of radiant energy whose quantum unit is the photon. Photonics involves cutting-edge uses of lasers, optics, fiber-optics, and electro-optical devices in numerous and diverse fields of technology, manufacturing, health, telecommunication, environment monitoring, homeland security, aerospace, green construction and many others.

Project Lead the Way (PLTW)

Credits: 1.5 per semester

Orientation Courses: see School Counselor for details

No dual or articulated credit is associated with this course.

Grades: 10-12

This Program provides a "Pathway" to engineering through a sequence of courses designed to introduce students to concepts associated with Engineering and Engineering Technology.

Computer Integrated Manufacturing, (CIM): (Semester only). Please see the school counselor for details.

PLTW COURSES ARE ONLY OFFERED 3rd SESSION - PLEASE SEE SCHOOL COUNSELOR FOR DETAILS.

Biomedical Sciences & Project Lead the Way

Credits: 1.5 per semester

Orientation Courses: see School Counselor for details

Dual credit is associated with this course through Missouri Science and Technology University:

Anatomy and Physiology I and II.

Grades: 10-12

Biomedical Sciences is a new course that will be instituted in the 2019-2020 school year. It falls under the Project Lead the Way umbrella in which students strive to apply their knowledge in the real world.

Principles of Biomedical Science

Students will study various health conditions including heart disease, diabetes and sickle-cell disease, among others. They will work to investigate the causes of these diseases and how they may ultimately lead to illness and harm. This course covers topics related to human physiology and medicine, and serves as a basis for all other Biomedical Sciences courses.

Human Body Systems

Students will explore the human body and discover how all systems relate and connect to each other. Use data acquisition software to monitor movements of the human body and determine how functions like muscle movement work. Explore the identity of the human body and what kind of power and movement it is capable of.

Welding & Fabrication

Credits: 1.5 per semester

Orientation Courses: Exploring Technology, Metals 1A, Metals 1B

Dual credits may be available if CLC criteria are met: 6 credits year 1; 6 credits year 2

Grades: 10-12

This program provides hands-on experience gained from extensive practice and application of knowledge in shop safety, oxy-fuel welding and burning, arc welding (stick, MIG, TIG), plasma arc cutting, and automatic shape cutting. Layout and fit-up, blueprint reading, and weld symbols are used to fabricate a variety of metal projects. Students use various NDT (non-destructive) and DT (destructive) type testing and inspection procedures. The Welding/Fabrication lab stimulates a "real world" on the job atmosphere, where students learn about employer-employee relationships. The American Welding Society (AWS) recognizes the Tech Campus Welding program as an Educational Instruction Member. Students can develop their welding skills to meet the AWS structural welding code. Internships are available with local business partners.

Registration Worksheet

Complete the form below with your desired classes.

Bring the completed form to your course selection meeting with the school counselor.

Student name: _____ **ID#:** _____

(Please print)

Grade: _____ **Birth date:** _____

- ◆ Print your planned course selections below.
- ◆ For full year courses write the course title across the entire line.
- ◆ For one semester courses write the course title under the appropriate semester heading.

Semester 1 Course Name	Semester 2 Course Name

Comments: _____

Student signature/Date

Parent/Guardian signature/Date

4-Year Plan Worksheet for High School

Student Name: _____

Counselor: _____ Year of Graduation: _____

Summer School	

Freshman Year	

Summer School	

Junior Year	

Summer School	

Sophomore Year	

Summer School	

Senior Year	