West Chicago Community High School

Home of the Wildcats

Course Description Handbook
2024-2025

WEST CHICAGO COMMUNITY HIGH SCHOOL

326 Joliet Street
West Chicago, IL 60185
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www.d94.org

Teach Learning
Nurture Living
Inspire Leading

WEST CHICAGO COMMUNITY HIGH SCHOOL
326 Joliet Street, West Chicago, IL 60185

MESSAGE FROM THE PRINCIPAL

Dear Students:

High school marks a time in your life of both shared experiences and individual exploration. With these in mind, it is important that you chart your own path of academic and personal growth. This guide is meant as a tool for you to plot a path toward college and career opportunities you may want to have as an adult. While this tool contains information about graduation requirements, grade calculation and college entrance it is also intended to be a place where a conversation with you, your family and your school counselor begins as all of you discuss a unique and personalized journey.

As a large comprehensive high school we are proud to offer a variety of courses in many different areas. We look forward to the future you make for yourself and we hope this tool provides you with the information you need to make informed decisions.

Go Wildcats!

Dr. Will Dwyer
Principal

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NOTICE OF NON-DISCRIMINATION:
Community High School District 94 does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the non-discrimination policies:

NON-DISCRIMINATION COORDINATOR:
Julie Swartzloff
Director of Human Resources
326 Joliet St
West Chicago, IL 60185
630-876-6216
For further information on notice of non-discrimination, visit
https://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm for the address and phone number of the office that serves your area, or call 1-800-421-3481.

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WEST CHICAGO COMMUNITY HIGH SCHOOL MISSION STATEMENT

West Chicago Community High School strives to promote and provide growth experiences in LEARNING, LEADERSHIP and LIVING

INTRODUCTION

This booklet contains a brief description of each course offered at West Chicago Community High School. It is designed to assist students and parents in selecting the courses that will most effectively meet educational needs and goals. It is the goal of the school staff to help you make informed decisions regarding your high school program. All West Chicago Community High School students should:

1. Read the entire handbook for information concerning policies and class selection
2. Seek additional information about courses from counselors, teachers, and parents
3. Take advantage of opportunities to explore various course and career fairs
4. Visit technology, career, and college programs to observe offerings
5. Meet with a counselor yearly to review and update the five-year plan (see Appendix B)

REQUIREMENTS FOR GRADUATION

22 credits are required for graduation. Students must also complete the SAT, pass the US and IL Constitution exams and complete FAFSA or a FAFSA Waiver. The following credits are required for all students, as part of the above total, and meet the minimum requirements of the State of Illinois.

4 credits	English
3 credits	Social Studies, including American History and American Government courses
3 credits	Mathematics, including one year of Algebra and a course with Geometry content
2 credits	Science
.5 credit	Consumer Education or approved equivalent (Economics, AP Macroeconomics, or Cooperative Work Training.)
4 credits	Physical Education, including one semester of Health and one semester of Safety Education
1 credit	Any combination of Music, Art, Foreign Language, or Career Technical Education

ENTRANCE REQUIREMENTS FOR ILLINOIS PUBLIC COLLEGES AND UNIVERSITIES

Below are minimum recommendations that, if followed, will enable a student to select from a variety of post-secondary educational alternatives. Since entrance requirements vary from one college to the next, students should review college websites to verify specific requirements as soon as post-secondary plans begin to develop.

4 credits	English
2-3 credits	Social Studies
3-4 credits	Mathematics (minimally through Algebra 2)
3-4 credits	Science (Biology, Chemistry, Physics)
2 credits	Foreign Language, Music, Art, or Career Technical Education

CREDIT

In order to receive credit for a class a student must complete the semester. If a student withdraws from West Chicago Community High School before the end of the semester, the high school will issue grades in progress that the next high school will use in determining a final grade. Students must be enrolled in each class a minimum of 60 school days in order to receive high school credit. Determination as to whether a student may receive credit will be made upon enrollment.

COURSE LOAD

Students are expected to maintain full-time status while attending West Chicago Community High School. A full-time student is one with a minimum of six academic courses and one study hall.

GRADE LEVELS

Grade levels are based on credits earned at the end of each academic year as follows:

Freshman	Less than 5 credits
Sophomore	5 credits
Junior	10 credits
Senior	15 credits and completion of SAT

GRADE POINT AVERAGE (GPA)

Grade Point Average (GPA) is reported in two ways: weighted and unweighted. Weighted grades are utilized for all courses that have been designated as Honors or Advanced Placement (AP) course where a student earns an A, B, or C. Courses that are pass/fail or taken as an audit are not included in the Grade Point Average. GPA is calculated at the end of each semester and is cumulative over four years.

Unweighted grade		Weighted grade: Honors and Advanced Placement	
A	5.0	A	6.0
B	4.0	B	5.0
C	3.0	C	4.0
D	2.0	D	2.0
F	0.0	F	0.0

HONORS/ADVANCED COURSEWORK

Students may be recommended for or choose to enroll in Honors or Advanced Placement (AP) courses. Honors and AP courses move at a faster pace, include problems with advanced rigor, cover additional topics, and require more individual student effort and responsibility than other courses.

BILINGUAL/SHELTERED INSTRUCTION

Students receiving ELL services may be enrolled in classes that include sheltered instruction or bilingual instruction. Courses with sheltered instruction are taught in English and include teaching strategies, which lower the linguistic demand of each lesson without compromising the integrity or rigor of the content. Classes with bilingual instruction mirror the mainstream course content, but are taught in another language.

SPECIAL EDUCATION

The Special Education Department provides a broad spectrum of instructional programs, classes, and support services to students who have an Individualized Education Plan. The student's Individualized Education Plan (IEP) is reviewed at least annually in order to ensure that educational needs are being met in the least restrictive environment. Programming within the Special Education Department provides opportunities for students to develop academic, social, emotional, career, and life skills.

EARLY GRADUATION

If a student has met all graduation requirements, he/she may apply to graduate at the conclusion of his/her seventh semester. An application for early graduation is available from the School Counselor and must be submitted prior to the student's senior year.

AUDIT

Once a course has been completed and credit is assigned, a student may not repeat the same course for credit. There are a few exceptions noted in this handbook. When a student repeats a failed course and passes, the failure is removed from the transcript and changed to an audit.

CORRESPONDENCE COURSES

Students may receive credit from West Chicago Community High School after completing coursework in correspondence, online classes, summer school, or College of DuPage courses with prior approval from the Registrar, Counselor, and Principal. Courses and credit may be subject to review for approval. The agency must be appropriately accredited. Per school board policy, a limit of three credits total will be accepted in such a manner.

COURSE REQUESTS/ SCHEDULE CHANGES

The counselors at West Chicago Community High School schedule individual course selection conferences with each student. During this conference, the counselor and student discuss future life goals with an emphasis on projected career plans. Course options at each grade level are shown in Appendix C. Each year West Chicago Community High School reconstructs the Master Schedule to accommodate the course requests of students. Faculty members are employed, textbooks are purchased and rooms are assigned on the basis of these student requests. Thus, once a student enrolls in a course he/she is expected to complete the course. Therefore, requests for schedule changes will not be honored after February 16, 2024.

The following extenuating circumstances will be considered for a schedule change:

1. Level change is needed because the student is exceeding the objectives of the course or if the student is not capable of achieving the objectives of the course
2. Student lacks a prerequisite for a course
3. A different course is needed to meet graduation requirements
4. The class was taken in summer school or via correspondence

LEVEL CHANGES

A level change may be initiated by a student or teacher if a student is exceeding the objectives of a given course or if the student is not capable of achieving the objectives of a given course. Prior to a level change being approved, students must obtain a level change form from the teacher, and confer with the teacher, division head, parent, and counselor before approval/denial will be determined.

CLASS DROPS

There is no penalty for students who choose to drop a course within the first two weeks of each semester. After two weeks, students dropping a course receive a grade of W (withdrawal). After four weeks, students dropping a course receive a grade of WF (withdraw fail). After 60 days, students dropping a course receive a grade of F (fail). Grades of W or WF are not calculated into a student's grade point average.

SCHEDULE CHANGES

There are no elective changes allowed after the deadline in the previous February. In the spring previous to every school year, staff are hired and sections of each course are created based on students' course choices at that time. As mentioned, we will process level changes, based on availability of a seat in a class to best meet the student's needs in their core classes, but that it the only change that is accepted. If a student chooses to drop an elective, they will move to a Study Period or can be a Student Assistant if available.

NCAA ELIGIBILITY COURSES

Athletes pursuing an athletic scholarship may file the NCAA eligibility forms once their sixth semester's grades are posted. To register, prospective student-athletes should access the registration materials by visiting www.eligibilitycenter.org . Prospective athletes will need to request a transcript from the high school registrar. Students are responsible for ensuring they have taken the appropriate coursework throughout high school for NCAA eligibility (listed on the NCAA website).

PE RELEASE

PE Release is allowed for eleventh (11th) and twelfth (12th) grade students who are participating in a varsity sport or marching band. To be eligible the student must maintain at least 6 academic classes when he/she is out of PE. Students who wish to request PE Release must obtain an application from the Athletic Director and complete the process within the first two weeks of the season. Upon approval, the student will be released from PE during that season and will return to PE class after the last competition.

ADVANCED PLACEMENT COURSES

West Chicago Community High School offers multiple Advanced Placement (AP) courses, developed by College Board. These courses are open to all students provided students meet prerequisites for those courses. AP courses are college level courses and carry college level expectations. Students should confer with counselors to determine if AP course selection is appropriate. The AP program also offers students the opportunity to receive college credit based upon completion of the AP exam for that course. Credit is granted by the individual college or university, not by the high school. While recent legislation has recommended that colleges award credit for scores received on the AP exam of 3, 4, or 5, students/parents should consult with the specific institution regarding its policy for Advanced Placement credit. Students enrolling in AP classes are expected to take the AP exam in May. AP courses are designed to prepare students for the AP exams. The exams are administered at West Chicago Community High School on nationally designated days. Any student may elect to take any of the exams, but it is recommended that students take the AP courses to prepare for the exams. Students are responsible for paying the AP exams fees. (2023 price, $100.00 for most tests). West Chicago Community High School offers Advanced Placement courses in:

AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science Principles
AP Computer Science A
AP English Language
AP English Literature
AP Environmental Science
AP Human Geography
AP Macro Economics
AP Micro Economics
AP Music Theory
AP Physics 1
AP Physics 2
AP Spanish Language
AP Spanish Literature
AP Statistics
AP US History
AP World History

BLENDED LEARNING

As students move toward graduation and college and career responsibilities, it is critical that they develop skills and behaviors that prepare them for the expectations beyond high school. In an effort to provide students with opportunities to develop abilities such as self-advocacy, communication, and time management, District 94 offers blended coursework.

Blended courses include both face-to-face instruction in the classroom and independent study at an alternate location within the school during class time. Blended learning is an instructional strategy designed to enable teachers to target instruction by flexibly grouping students throughout a week/unit as the standards and content require. In a blended course, teachers determine which students attend class on a particular day to meet specific instructional goals.

On average, the structure of the course includes half the week in traditional in-class instruction and half the week in independent reading and writing assignments and activities. Technology also plays an integral role in

blended courses because it allows teachers to communicate with students, assign work, and provide resources, while students frequently use technology to collaborate, practice, and learn.

The blended format provides student choice and responsibility. On blended days when students are not required to meet with the teacher in the classroom, they have five locations where they can choose to work: the English common space, the English hallway, the Learning Resource Center (LRC), the Student Activities Center (SAC), or the theater atrium. Students may **not** leave the building unless they have been excused due to illness, etc. by a parent or guardian.

Academically, blended classes adhere to course standards and curriculum. Teachers communicate attendance, behavioral expectations, and course requirements in the syllabus. Attendance and behavioral expectations are also communicated by the Dean's office. Participating in a blended class is a privilege, so students are expected to abide by the procedures and rules in the student handbook, as well as the teacher's blended and classroom calendar. All blended students are also required to check-in for attendance on a Google Form (within the first five minutes of the period) posted in Google Classroom, whether they are in the classroom or at a blended location.

During the 2024-2025 school year, blended classes are available for juniors and seniors in three divisions:

Business Department
Consumer Education - Seniors

Language Arts Division
Critical Reading - Seniors
Writer's Workshop - Seniors

Science Division
Advanced Placement Environmental Science - Juniors/Seniors
Introduction to Health Care I-Sophomores-Seniors
Introduction to Health Care II- Sophomores-Seniors

Parent or guardian permission is required to participate in blended classes. Blended privileges will be revoked if a student does not meet academic or behavioral requirements. For more information about blended classes, please contact the division heads below or the student's school counselor.

Business Department: Marc Wolfe - (630) 876-6340 or mwolfe@d94.org

Language Arts Division: Lauren Stewart - (630) 876-6363 or lstewart@d94.org

Science Division: Scott Albright - (630) 876-6255 or salbright@d94.org

CAREER PLANNING

Listed below are the 16 Career Clusters. Each cluster represents a grouping of occupations that is available within the world of work. When students have a post-secondary plan, they are able to see the relevance of current coursework. Any career will have at its base a solid core of academic classes in addition to electives relating to that particular area. In Appendix A, each Career Cluster is broken down into sample careers as well as career pathways (from: https://www.careertech.org/career-clusters). These pathways list the career areas where

interested students can explore options. For more information on exploring careers, students should set up an appointment with their School Counselor.

1. Agriculture, Food & Natural Resources
2. Architecture & Construction
3. Arts, A/V Technology & Communications
4. Business Management & Administration
5. Education & Training
6. Finance
7. Government & Public Administration
8. Health Science
9. Hospitality & Tourism
10. Human Services
11. Information Technology
12. Law, Public Safety, Corrections & Security
13. Manufacturing
14. Marketing
15. Science, Technology, Engineering & Mathematics
16. Transportation, Distribution & Logistics

DUAL CREDIT

Dual credit courses allow students an opportunity to earn both high school credit and College of DuPage credit from the same course. Thus, students completing dual credit coursework can graduate high school with college credit already obtained in courses listed below. College of DuPage tuition for dual credit courses is waived. In order to be eligible for dual credit, students must do the following:

- High school students must be dually enrolled as College of DuPage students. If a student misses the enrollment deadline for COD enrollment, no COD credit can be awarded.
- Meet College of DuPage prerequisite requirements, including grade level and test score requirements for some courses.
    - Reading Level 1: a score of 70 or higher on COD's college placement test, or a composite ACT score of 20 or an SAT score of 550 or higher on the SAT verbal/critical reading section or an SAT composite score of 950 or higher ONLY Child Development REQUIRES THIS TEST. COD WILL ADMINISTER TEST HERE AT WEGO DURING FIRST WEEK OF Child Development 2

DUAL CREDIT COURSES TENTATIVELY APPROVED 2024-25	
West Chicago Community High School	**College of DuPage**
Accounting (11-12)	ACCOUNTING 1110 Accounting Procedures
Architectural Drawing (10-12) Consent of Instructor	ARCH 1101 Basic Architectural Drawing (2 cr. hours) ARCH 1211 Basic CADD/AutoCAD (3 cr. hours)
Botany (10-12)	HORT 1100 (3 cr. hours) Introduction To Horticulture
Child Development 1 and 2 (9-12) Reading requirement – Level 1	ECEC 1100 (3 cr. hours) Intro to Early Childhood Ed. and Care
Computer Applications 1 and 2 (9-12)	OFTI 1200 (3 cr. hours) MS Office Professional
Foods 3 (10-12)	CULINARY 1120-002 (1 cr. hour) Food Service Sanitation
Introduction to Education (11-12)	EDUCA 1100 (3 cr. hours)
Photography 1 and 2 (9-12)	PHOTO 1101 Fundamentals of Photography 1100
Technical Drawing (10-12)	MANUFACTURING TECH 1101(3 cr. hours) Industrial Design/CAD
Machine Shop (10-12)	MANUFACTURING TECH 1151 (3 cr. hours) Machine Shop
Technical Mechanics (11-12)	MANUFACTURING TECH 1104 (2 cr. hours) Technical Mechanics
Quality Control (11-12)	MANUFACTURING TECH 1180 (3 cr. hours) Quality Control

College of DuPage Testing Link:

www.cod.edu/academics/testing/test/placement

Explains placement test guidelines for exemption and passing categories
Provides links to testing center hours for retakes

TECHNOLOGY CENTER OF DUPAGE (TCD)

The Technology Center of DuPage (TCD) programs are open to juniors and seniors interested in pursuing one of the available career pathways. The focus is on college and career readiness through applied academics, workplace skill development, and work-based learning experiences, as well as identifying and preparing for the postsecondary education critical for success and advancement in the chosen career pathway. TCD courses are offered for one or two years. Students spend half of each school day at the TCD campus and half at the high school. All students are required to use the bus transportation provided by the school district. Opportunities through TCD include dual credit (both high school and college credit), industry certifications or licenses, and the chance to explore a career before making important college decisions. While the district pays TCD tuition, the costs for specialized equipment and supplies rests with the student. Please be aware of these costs prior to committing to the program. See the TCD website for detailed information about available programs and participation fees: www.tcdupage.org

Available spots at TCD are limited and students must meet the following conditions as part of the application process:

1. The applicant must complete the TCD/West Chicago applications for the program
2. The applicant must have demonstrated regular attendance throughout high school
3. The applicant must be in good disciplinary standing
4. The applicant must have accumulated a minimum of 10 credits and be on track for graduation

Architecture & Construction
Construction Trades
Heating, Ventilation, A/C & Refrigeration/
Residential Wiring

Arts, A-V Technology & Communications
Multimedia & Television Production

Education and Training
Early Childhood Education & Care

Health Science
Healthcare Foundations
Nursing Assistant Training Program
Medical Terminology & Health Care Careers
Medical Assistant Program

Hospitality and Tourism
Professional Cooking, Baking & Service

Human Services
Cosmetology

Information Technology
Computer Information Systems & Game Design

Law, Public Safety, Corrections & Security
Criminal Justice
Fire Science
EMT

Manufacturing
Welding Technology
Manufacturing CNC and Machining

Pathway to Engineering Courses (PTE)
Robotics and Automation

Transportation and Logistics
Auto Body Repair & Refinishing
Automotive Technology

Course Title	Prerequisite	Credit	Grade Level
3D Art 1	None	0.5	9-12
3D Art 2	3D Art 1	0.5	9-12
Ceramics 1	None	0.5	9-12
Ceramics 2	Ceramics 1	0.5	9-12
Digital Photography 1	None	0.5	9-12
Digital Photography 2	Digital Photography 1	0.5	9-12
Drawing 1	None	0.5	9-12
Drawing 2	Drawing 1	0.5	9-12
Graphic Art 1	None	0.5	9-12
Graphic Art 2	Graphic Art 1	0.5	9-12
Painting 1	Drawing 1 recommended	0.5	9-12
Painting 2	Painting 1	0.5	10-12
Studio Art-3D Art	Completion of 3D Art 1 & 3D Art 2 and Division Head approval	0.5	10-12
Studio Art-Ceramics	Completion of Ceramics 1 & Ceramics 2 and Division Head approval	0.5	10-12
Studio Art-Digital	Completion of Digital Photography 1 & Digital Photography 2 OR Graphic Art 1 & Graphic Art 2 and Division Head approval	0.5	10-12
Studio Art-Drawing	Completion of Drawing 1 & Drawing 2 and Division Head approval	0.5	10-12
Studio Art-Painting	Completion of Painting 1 & Painting 2 and Division Head approval	0.5	10-12

3D Art 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This course is an introduction to the world of three-dimensional art as expressed in cultures past and present. Students work with their hands and tools to create three-dimensional art. Projects may consist of the following: wood burning, woodcarving, wire sculpture, plaster sculpture, papier-mâché, acrylic/plastic sculpture, modified stained glass, mosaics, jewelry making, mask making, and more. **This class will not be offered in the 2024-2025 school year.**

3D Art 2 (0.5 credit)

Level: 9-12 Prerequisite: 3D Art 1

This course builds on the 3D construction techniques learned in 3D Art 1. Students will use three dimensional art media to invent, problem solve, and display their art skills. Students will experiment with and solve unusual problems by using artistic design. Projects include product design, toy design, inventions, architectural design, and "found object" sculpture. Traditional materials will be used in experimental ways to achieve new "solutions" to design problems and balance form and function. **This class will not be offered in the 2024-2025 school year.**

Ceramics 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This course will teach students basic hand building techniques in clay (pinch, slab, and coil) and introduce them to glazing techniques. Students will learn about historical and contemporary ceramic work and artists as they create their own original work in clay and expand their own creativity and technical skills.

Ceramics 2 (0.5 credit)

Level: 9-12 Prerequisite: Ceramics 1

The goal of this course is to build on the techniques learned in Ceramics 1 to solve more challenging conceptual and design problems using clay, glazes, and other media. The history of ceramics and the broader art world will be explored through advanced hand building techniques and an introduction to wheel throwing. If time permits, an introduction to Glass Fusing will also be included.

Digital Photography 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This course will explore the techniques and applications of taking, manipulating, and printing digital photographic images. Digital SLR cameras and Adobe Photoshop will be utilized in the creation of projects. Students will work at developing good photographic skills along with an appreciation for traditional photographic composition and structure. Digital Photography 1 provides an excellent foundation for those students interested in photography as a career. Cameras are available for checkout, but students may use their own if it meets course requirements. Students will need to purchase an SD card from the school store for class.

Digital Photography 2 (0.5 credit)

Level 9-12 Prerequisite: Digital Photography 1

This course will build upon the techniques and skills learned in Digital Photography 1. Students will deepen their understanding of the DSLR camera and Photoshop, along with learning to manipulate digital images in non-digital ways. Students will continue to develop an appreciation for photographic images, including both historic images and their own. Digital Photography 2 strengthens the foundation of students interested in photography as a career. Cameras are available for checkout, but students may use their own if it meets course requirements. Students will need to purchase an SD card for this class (available in the school store). Students in Digital Photo 2 will have the option to earn dual credit with the College of DuPage.

Drawing 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This is a beginner to intermediate level drawing class. One of the major goals of this course is to learn to see the way an artist sees in order to draw the way an artist draws. Step by step drawing exercises and lessons will help students gain control and confidence with their drawings. Students will practice both drawing from observation and drawing from imagination, using a broad range of drawing materials, techniques, and styles. These techniques will enable students to develop a sense of direction as an artist with the requisite skills and discipline to continue their growth in the arts. Previous drawing experience or skills are not necessary.

Drawing 2 (0.5 credit)

Level: 9-12 Prerequisite: Drawing 1

This course focuses on drawing with line, color, and value, which will assist students with the transition into painting and graphic art. Numerous media are explored and students will be introduced to both traditional and contemporary approaches to creating art. Class projects will enable students to develop a sense of direction as an artist with the requisite skills and discipline to continue their growth in the arts.

Graphic Art 1 (0.5 credit)

Level: 9-12 Prerequisite: None

In this class, students will create digital works of art and graphic design using Adobe Photoshop. They will be introduced to the basics of Photoshop, and printing, through project-based lessons that will look at the computer as a tool for both graphic design and the creation of digital-based artwork. Artistic elements and principles will be introduced and applied in their graphic art. All materials will be supplied; however, students are encouraged to bring a flash drive in order to back up all work.

Graphic Art 2 (0.5 credit)

Level: 9-12 Prerequisite: Graphic Art 1

This course will expand upon and refine the techniques learned in Graphic Art 1 by creating works of digital art and graphic design. The goals for this class include instruction in Adobe Illustrator, with continued work in Adobe Photoshop as needed, printing, and an introduction to Internet design elements. All materials will be supplied; however, students are encouraged to bring a flash drive in order to back up all work.

Painting 1 (0.5 credit)

Level: 10-12 Prerequisite: Drawing 1 recommended

This course is for the student who desires an in-depth experience in fine art painting techniques associated with watercolor, tempera, and acrylics. Students will have many opportunities to achieve a higher level of mastery in watercolor and tempera painting. These skills will also prepare students for working with other paint media such as alkyds and oils. Students will also learn how to mat and/or frame their paintings.

Painting 2 (0.5 credit)

Level: 9-12 Prerequisite: Painting 1

This course is designed for students who wish to specialize in painting. They will get the opportunity to not only learn more advanced techniques, but also to develop their own preferred painting style. Watercolors, temperas, gouache, acrylics, mixed media, and alkyds will be available to work with in depth. Students will learn how to stretch and prepare their own canvases. They will also be asked to study several professional artists with special attention being paid to analysis, interpretation, and motivation. If a college entrance portfolio is desired, assistance will be given throughout the formal application process for art schools and colleges.

Studio Art-3D Art (0.5 credit)

Level: 10-12 Prerequisite: 3D Art 1 and 3D Art 2

The Studio Art course allows an advanced art student to pursue independent projects under the guidance of the teacher, using a variety of art media. Studio Art students will be given a set of parameters to use to plan, design, and produce artwork in a media of their choosing at an advanced level. At the end of the semester, students will have a body of sophisticated pieces that demonstrate their own artistic growth and skill that can be used in a portfolio. Posting on the course Google Classroom page, participation in critique sessions (during the class period), and short reading and writing assignments are part of the course expectations. Students interested in continuing their study of 3D Art should take this course after completing both 3D Art 1 and 3D Art 2. This course can be retaken multiple times for credit.

Studio Art-Ceramics (0.5 credit)

Level: 10-12 Prerequisite: Ceramics 1 and Ceramics 2

The Studio Art course allows an advanced art student to pursue independent projects under the guidance of the teacher, using a variety of art media. Studio Art students will be given a set of parameters to use to plan, design, and produce artwork in a media of their choosing at an advanced level. At the end of the semester, students will have a body of sophisticated pieces that demonstrate their own artistic growth and skill that can be used in a portfolio. Posting on the course Google Classroom page, participation in critique sessions (during the class period), and short reading and writing assignments are part of the course expectations. Students interested in continuing their study of Ceramics should take this course after completing both Ceramics 1 and Ceramics 2. This course can be retaken multiple times for credit.

Studio Art-Digital (0.5 credit)

Level: 10-12 Prerequisite: Digital Photography 1 and Digital Photography 2 OR Graphic Art 1 and Graphic Art 2

The Studio Art course allows an advanced art student to pursue independent projects under the guidance of the teacher, using a variety of art media. Studio Art students will be given a set of parameters to use to plan, design, and produce artwork in a media of their choosing at an advanced level. At the end of the semester, students will have a body of sophisticated pieces that demonstrate their own artistic growth and skill that can be used in a portfolio. Posting on the course Google Classroom page, participation in critique sessions (during the class period), and short reading and writing assignments are part of the course expectations. Students interested in continuing their study of Digital Photography or Graphic Art should take this course after completing both Digital Photography 1 and Digital Photography 2 OR Graphic Art 1 and Graphic Art 2. This course can be retaken multiple times for credit.

Studio Art- Drawing (0.5 credit)

Level: 10-12 Prerequisite: Drawing 1 and Drawing 2

The Studio Art course allows an advanced art student to pursue independent projects under the guidance of the teacher, using a variety of art media. Studio Art students will be given a set of parameters to use to plan, design, and produce artwork in a media of their choosing at an advanced level. At the end of the semester, students will have a body of sophisticated pieces that demonstrate their own artistic growth and skill that can be used in a portfolio. Posting on the course Google Classroom page, participation in critique sessions (during the class period), and short reading and writing assignments are part of the course expectations. Students interested in continuing their study of Drawing should take this course after completing both Drawing 1 and Drawing 2. This course can be retaken multiple times for credit.

Studio Art-Painting (0.5 credit)

Level: 10-12 Prerequisite: Painting 1 and Painting 2

The Studio Art course allows an advanced art student to pursue independent projects under the guidance of the teacher, using a variety of art media. Studio Art students will be given a set of parameters to use to plan, design, and produce artwork in a media of their choosing at an advanced level. At the end of the semester, students will have a body of sophisticated pieces that demonstrate their own artistic growth and skill that can be used in a portfolio. Posting on the course Google Classroom page, participation in critique sessions (during the class period), and short reading and writing assignments are part of the course expectations. Students interested in continuing their study of Painting should take this course after completing both Painting 1 and Painting 2. This course can be retaken multiple times for credit.

Course Title	Prerequisite	Credit	Grade Level
AP Computer Science Principles	Algebra 1	1.0	9-12
Computer Applications 1	None	0.5	9-12
Computer Applications 2	Computer Applications 1	0.5	9-12
Introduction to Business Principles	None	0.5	9-12
Technical Support Internship (TSI)	None	1.0	9-12
Technical Supports Internship 2 (TSI)	TSI 1	1.0	10-12
Accounting	None	1.0	10-12
AP Computer Science A	Algebra 1	1.0	10-12
Business Law	None	0.5	10-12
Investments	None	0.5	10-12
Marketing	None	0.5	10-12
Consumer Education	None	0.5	11-12
Cooperative Work Training Class	By application	1.0	11-12
Cooperative Work Training Job Site	By application	1.0	11-12

AP Computer Science Principles (1.0 credit)

Level: 9-12 Prerequisite: Algebra 1

This course is comparable to an introductory Computing course at most colleges. AP Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. Students will develop computational tools to analyze and study data. With a focus on creative problem solving and real-world applications, AP Computer Science Principles prepares students for college and careers, with 1/3 of the course focusing on App Development and 2/3 of the course focusing on exploring computer science. Students will be assessed through projects, performance activities, and objective tests. The Advanced Placement board asks that students complete one project of their choosing that will influence their AP Test score. Students will be prepared for and expected to take the AP Computer Science Principles examination in May.

Computer Applications 1 (0.5 credit)

College of DuPage dual credit: OFTI 1200 – MS Office Professional (3 credit hours if both Computer Applications 1 and Computer Applications 2 are successfully completed-see introduction for more information)

Level: 9-12 Prerequisite: None

This course is designed to give students a competitive edge in high school coursework, college coursework, and employment skills. Using the latest Microsoft Office software as well as Google Applications (Docs, Sheets, Slides, Forms), students will gain skills in utilizing spreadsheets and graphs for business, engineering, science, and social science courses. Word processing, graph generation, essential internet research skills, and presentation tool skills (PowerPoint, Prezi) will enable students to enhance their reports and presentations in many course disciplines. Students will be provided the opportunity to increase keyboarding and numeric keypad accuracy and speed through game-based skill-building software. Students will demonstrate email etiquette and e-mail file management. Students will learn the pros, cons and features for a variety of social media and examine the dangers of cyber-bullying and Internet safety. Students will be given the opportunity to earn Microsoft Office certifications by taking industry exams throughout the semester.

Computer Applications 2 (0.5 credit)

College of DuPage dual credit: OFTI 1200 – MS Office Professional (3 credit hours if both Computer Applications 1 and Computer Applications 2 are successfully completed-see introduction for more information)

Level: 9-12 Prerequisite: Computer Applications 1

Students will build upon and expand concepts learned in Computer Applications 1. Advanced spreadsheets including the use of complex formulas and macros as well as database queries enhance students' abilities to apply their knowledge. Students will design an Access relational database given a set of data creating output such as mailing labels and several reports each emphasizing a different aspect of the database. Integration projects such as mail merge and reports importing graphs and tables will enhance a student's ability to produce quality projects in other courses. Students will produce a professional quality flyer, agenda, and brochure using advanced Publisher techniques. Students will be exposed to photo presentation software. Students will create a multimedia, stand-alone presentation utilizing digital photography, video clips, narration, Adobe Spark, and sound effects. Students will be given the opportunity to earn Microsoft Office certifications by taking industry exams throughout the semester.

Introduction to Business Principles (0.5 credit)

Level: 9-12 Prerequisite: None

This course will provide students with exposure to the many fields of business. Students will learn about accounting, advertising, business law, computer applications, marketing, sports and entertainment marketing, and business careers. In addition, students will receive an introduction to basic business principles and business organizational structures. Students will be provided with many team building activities and presentation opportunities in this course.

Technical Support Internship (TSI) (1.0 credit)

Level: 9-12 Prerequisite: None

This student-run help desk supports the 1:1 learning environment at West Chicago Community High School. Students are the first line of customer service to assist students and staff with troubleshooting and Chromebook repairs. This hands-on experience gives students the opportunity to learn basic Chromebook knowledge, repairs, and valuable customer service skills. Students will also work independently on individualized pathways with opportunities leading to industry certification in Microsoft Office. Additional projects may include creating training videos and Google sites. This course may be repeated for credit. Students enrolling in the course additional years will mentor first year students in the customer service and Chromebook repair process. They may also work independently to pursue additional Microsoft Office certifications.

Technical Support Internship 2+ (TSI) (1.0 credit)

Level: 10-12 Prerequisite: TSI 1

TSI 2 goes beyond understanding and helping of the help desk support of the 1:1 learning environment at West Chicago Community High School. Students are working towards the understandings of materials to complete the A+ certification. A+ is a technology certification that shows understanding of computers and computer repair. Many tech jobs require A+ certification as a requirement to be hired even without a college degree. This certification shows understanding of knowledge of computers, troubleshooting issues, and repairing computers as well. The class features working with member(s) of the tech department who have their certification in A+. The class has a mix of both synchronous and asynchronous learning with projects to be completed. Students may also assist with tech office in basic repair or troubleshooting needs. Student who take this class are seeking knowledge of computers beyond the basic level.

Accounting (1.0 credit)

Level: 10-12 Prerequisite: None

Students gain insight into how businesses operate by studying the principles of accounting. This course provides students with a competitive advantage in studying business at college. Students learn how businesses are organized as well as how to handle receipts and payments of money. Business transactions are analyzed so that they can be recorded in journals and ledgers and summarized in financial statements. Other topics include the study of payroll records, taxes, depreciation, bad debts, and inventory control. Reflecting current industry trends, students will complete all entries electronically on computers in order to prepare journals, ledgers, and payroll records as well as financials such as Balance Sheets and Profit/Loss Statements. Complete business simulations will also be done on the computer.

AP Computer Science A (1.0 credit)

The course is designed to give students a hands on experience with computer science and JAVA programming language. Students will design a program, develop algorithms, write code, document and explain how code works, test program code and correct errors. Students will be prepared for and expected to take the AP Computer Science A examination in May.

Business Law (0.5 credit)

Level: 10-12 Prerequisite: None

This course is designed for students preparing for both the business world and personal life in order to understand the legal environment in which we live. Topics studied include: ethics, criminal and civil law, the U.S. court system, contracts, law and the minor, employment law, wills, and career exploration. Mock trials, a field trip to the county courthouse, and guest speakers from the legal field are utilized in this course to provide authentic learning experiences. This is an essential course to enroll in if you plan to major in business in college.

Investments (0.5 credit)

Level: 10-12 Prerequisite: None

This course will demonstrate how investing is essential to the attainment of a desirable standard of living and the achievement of many financial goals. Learn about the Dow Jones, NASDAQ, and bear and bull markets. Besides stocks, other topics studied in the course will be bonds, mutual funds, IRAs, investment research, money management, and financial web sites. An Internet stock market simulation will take place throughout the course and students will have opportunities to discuss financial strategy and meet with investment advisors from the business world.

Marketing (0.5 credit)

Level: 10-12 Prerequisite: None

This course is designed to provide an understanding of marketing concepts. It includes the exploration of marketing research, the study of the retail market (including demographics and lifestyle trends), channels of distribution, and the development of both TV and radio advertising. Additional marketing concepts covered are the analysis of branding, packaging, and promotion (including principles of advertising, merchandising, and selling). Several real world projects and team based assignments are used throughout the course to simulate a business marketing environment.

Consumer Education (0.5 credit)

Level: 11-12 Prerequisite: None

This course is designed to help students become economically independent and prepare students to make responsible consumer choices currently and in the future. Topics of study include budgeting, transportation,

comparative pricing, general principles of consumer purchasing, consumer credit, savings and investments, insurance, taxes, and the operation of the economy and how it affects the consumer. This course meets the Consumer Education requirement for graduation.

Cooperative Work Training Class (CWT) (1.0 credit)
Cooperative Work Training Job Site/Lab (CWT) (1.0 credit)

Level: 11-12 Prerequisite: None

This program is a cooperative effort by the school and community to provide meaningful work experience and career exploration for juniors and seniors. It is designed to provide paid on-the-job training to students on a part-time basis throughout the school year. Students have worked in a variety of industries including retail, food service, hospitality, insurance, business, and medical offices. Cooperative Work Training students will receive two credits: one for the work experience and the other for classroom instruction. CWT students must have at least one release period at the end of the day in order to receive on-the-job training. The classroom emphasizes choosing a career that matches one's interest, abilities, and aptitudes; how to apply and interview for a job; and how to be successful on the job. The course also concentrates on consumer topics such as insurance (auto, home, and life), budgeting, checking/savings accounts, investments, credit, and purchasing autos. Additionally, students who complete the full two semesters will receive consumer education credit. CWT students are required to sign and follow a Training Agreement as well as participate in an Employer/Employee Recognition luncheon at the end of the school year. Students are also encouraged to join Business Professionals of America (BPA) or FCCLA(organization which allows students the opportunity to apply skills learned in classes such as animation, child development, culinary, drafting, etc.). This program is applicable for students wanting to attend college as well as those wanting full-time employment following graduation.

Course Title	Prerequisite	Credit	Grade Level
Fashion Technology 1	None	0.5	9-12
Fashion Technology 2	Fashion Technology 1	0.5	9-12
Foods and Nutrition 1	None	0.5	9-12
Foods and Nutrition 2	Foods and Nutrition 1	0.5	9-12
Interior Design 1	None	0.5	9-12
Interior Design 2	Interior Design 1	0.5	9-12
Advanced Fashion Technology	Fashion Technology 2	0.5	10-12
Child Development 1	None	0.5	9-12
Child Development 2	Child Development 1	0.5	10-12
Foods and Nutrition 3	Foods and Nutrition 2	0.5	10-12
Advanced Child Development	Child Development 2	0.5	11-12
Introduction to Education	None	0.5	11-12

Fashion Technology 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This course is designed to introduce students to skills needed for beginning sewing and design, including proper pattern selection, pattern layout and cutting, basic seam construction, machine and hand sewing. Using these techniques, students construct simple garments, and create computer designs for fabric. Units on clothing design, selection, care, and repair are also included. Skills learned in this course relate to careers such as fashion merchandiser, fashion designer, buyer, model, textile laboratory technician, showroom sales person, sewing machine operator, textile tester, pattern grader, quality control inspector, finisher, textile research scientist, and embroidery designer.

Fashion Technology 2 (0.5 credit)

Level: 9-12 Prerequisite: Fashion Technology 1

This course includes individualized instruction in advanced sewing techniques. Students will construct garments of their choice while studying fashion merchandising, textiles, and garment alterations. Students will have the opportunity to set up a business for clothing including digitized computer designs for the specialized embroidery machine. Units in fashion merchandising will also be included during the semester. Skills learned in this course relate to careers such as fashion merchandiser, fashion designer, buyer, model, textile laboratory technician, showroom sales person, sewing machine operator, textile tester, pattern grader, quality control inspector, finisher, textile research scientist, and embroidery designer.

Foods and Nutrition 1 (0.5 credit)

Level: 9-12 Prerequisite: None

Using MyPlate (grains, dairy, vegetables, fruit, protein) as the standard, students will practice the principles of nutritious cooking and apply them in food preparation. Focuses include basic recipe reading, oven cooking, safety and sanitation. Lab experiences will include making homemade pizza, soup, cookies, omelets, pancakes, biscuits, and other entrees. Students will learn how to work as a team in their own kitchen in addition to following directions accurately. Skills learned in this course relate to careers such as food packaging engineer, federal food safety inspector, caterer, nutritionist, kitchen design consultant, food processing plant worker, wholesale produce buyer, chef, and restaurateur.

Foods and Nutrition 2 (0.5 credit)

Level: 9-12 Prerequisite: Foods and Nutrition 1

Students will study more advanced principles of culinary arts by preparing dishes such as appetizers, soups, salads, and casseroles. Other topics covered include cupcake decorating, garnishing, altering recipes, creating recipes, and a chili "cook-off." International cuisine using various countries to learn food customs and to create a variety of ethnic meals. Lab experience will be provided. Skills learned in this course relate to careers such as food packaging engineer, federal food safety inspector, caterer, nutritionist, kitchen design consultant, food processing plant worker, wholesale produce buyer, chef, and restaurateur.

Interior Design 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This is a hands-on introductory course designed to help students develop skills in building client relationships, using elements and principles of design to achieve a desired mood, creating 2D and 3D floor plans, selecting and arranging furniture to enhance a space, coordinating appealing color schemes, budgeting for each project, and presenting designs. Current trends in decorating are discussed. Many projects are completed in class, including a bedroom design project and an urban condo project.

Interior Design 2 (0.5 credit)

Level: 9-12 Prerequisite: Interior Design 1

This course is designed to help students advance their interior design skills in order to design a variety of spaces. Students build upon skills learned in Interior Design 1 and present designs in a professional manner. A digital portfolio will be built in this course to utilize for career exploration. Design projects will include: exterior landscape design, sustainable design, kitchen and bathroom design, retail store design, and home design.

Advanced Fashion Technology (0.5 credit)

Level: 10-12 Prerequisite: Fashion Technology 2

This option is open to the qualified and responsible fashion student. The course is intended to extend the skills that students have developed in Fashion Technology 1 and 2. Students will contract with the instructor as to the projects to be developed in class. The course is open to only a few students who have demonstrated the self-discipline necessary for success in this independent study. This course may be repeated for credit.

Child Development 1 (0.5 credit)

College of DuPage dual credit: ECEC 1100 – Intro to Early Childhood Education and Care (3 credit hours if both Child Development 1 and Child Development 2 are successfully completed-see introduction for more information)

Level: 9-12 Prerequisite: None

This course is designed for students interested in understanding the responsibilities of parenthood or of preschool educators. The emphasis is on learning the developmental patterns of a child from conception through school age as well as the effect of the environment in relation to a child's emotional, social, physical, and intellectual growth. Students will have the opportunity and responsibility of planning and running a preschool lab. Skills learned in this course relate to careers such as child care center director, elementary or secondary teacher, day care director, child care provider and worker, child life therapist, preschool teacher, pediatric nurse, story teller, Lamaze coach, La Leche League Instructor, and camp counselor.

Child Development 2 (0.5 credit)

College of DuPage dual credit: ECEC 1100 – Intro to Early Childhood Education and Care (3 credit hours if both Child Development 1 and Child Development 2 are successfully completed-see introduction for more information)

Level: 10-12 Prerequisite: Child Development 1

During this semester students have the opportunity to plan, observe, and teach in a semester lab situation. Students will have the opportunity to research, plan, and apply different philosophical approaches to guiding children. Emphasis will be placed on learning what children's needs and interests are at each particular stage of development. This class will be helpful to students who plan on a career in the social and human services area. Students will be able to apply their knowledge of developmentally appropriate teaching methods to various age groups in a lab situation. Skills learned in this course relate to careers such as child care center director, elementary or secondary teacher, day care director, child care provider and worker, child life therapist, preschool teacher, pediatric nurse, story teller, Lamaze coach, La Leche League Instructor, and camp counselor.

Foods and Nutrition 3 (0.5 credit)

College of DuPage dual credit: CULINARY 1120-002 - Food Service Sanitation Manager Certification (1 credit hour-see introduction for more information)

Level: 10-12 Prerequisite: Foods and Nutrition 2

An overview of applied foodservice sanitation as it relates to trained personnel in the rapidly expanding foodservice industry. Emphasis placed on the prevention of food borne illness in foodservice establishments. This course meets the requirements for dual credit with College of DuPage for the first course in their culinary arts curriculum. Students will learn the principles of sanitation through the ServSafe curriculum while they apply safety and sanitation rules/regulations in hands-on food labs. Students will gain an exposure to careers in the culinary industry through a variety of activities, including guest demonstrations/speakers and hands-on advanced food labs. Students will investigate career paths within the food production and food service industries including chef, food production engineer, food scientist, food safety inspector, caterer, and restauranteur. This course includes an exploration of more advanced techniques used in a variety of lab-based projects.

Advanced Child Development (0.5 credit)

Level: 11-12 Prerequisite: Child Development 2

The course is intended to expand students' knowledge and experience in the childcare career area. Students will act as assistant directors in helping other students in developing units and teaching materials in a preschool environment. The students will be given organizational and leadership duties in the daily operation of the preschool. This course is generally open to only a few students who have demonstrated the self-discipline for success in independent study. This course may be repeated for credit.

Introduction to Education (0.5 credit)

College of DuPage dual credit: EDUCATION 1100 – Introduction to Education (3 credit hours-see introduction for more information)

Level: 11-12 Prerequisite: None

This introductory education course will allow students to learn about and experience the teaching profession. This course will cover topics such as educational requirements, lesson development, child development, and teaching strategies. Each student will complete 20 hours of observation and will discover how lessons are facilitated in a classroom setting. Observations will be arranged to be completed during late start, half-day school improvement, and/or other non-attendance or partial-attendance days at the high school.

Course Title	Prerequisite	Credit	Grade Level
Computer Animation and Design	None	0.5	9-12
Drafting and Design 1	None	0.5	9-12
Drafting and Design 2	Drafting and Design 1	0.5	9-12
Architectural Drawing	Drafting and Design 1	1.0	10-12
Machine Shop	Drafting and Design 1	1.0	10-12
Technical Drawing	Drafting and Design 2	0.5	10-12
Technical Mechanics	Machine Shop	0.5	10-12
Quality Control	Technical Mechanics	0.5	11-12
Advanced Computer Animation	Computer Animation and Design	0.5	11-12
Advanced Drafting	Technical Drawing or Architectural Drawing	0.5	11-12

Computer Animation and Design (0.5 credit)

Level: 9-12 Prerequisite: None

Students will develop 3-dimensional designs and environments that they will render and animate for animation development. Projects include environment and logo design, character development, and interior design to produce a virtual room for project environment. Prototyping and modeling techniques for 3D printing are also covered so students can develop a physical character. The final project consists of a rendered animation that ties in audio and video software development to create a 10 second video for advertising and storyline development.

Drafting and Design 1 (0.5 credit)

Level: 9-12 Prerequisite: None

Drafting and Design provides the foundation for careers in engineering, architecture and technology. Knowledge gained in Drafting and Design I is essential to success in technical careers such as engineering and manufacturing. This course will introduce the student to drafting fundamentals, such as equipment usage, freehand lettering, working drawings, dimensioning theory, and an application of various geometric constructions. Drafting techniques emphasize the concepts of shape and size through multi-view and pictorial drawings as they are used in mechanical and architectural drawings. Approximately half of the work is done using computer-aided design equipment (CAD).

Drafting and Design 2 (0.5 credit)

Level: 9-12 Prerequisite: Drafting and Design 1

Students will expand their understanding of mechanical drafting by exploring more concepts within AutoCAD software. Students will learn to set up prototype drawings, create symbol libraries, develop sectioned views and generate 3D models. Introduction to 3D printing and CNC machine integration through the export of their designs. With the use of these machines, students will be able to develop any idea into a physical object.

Architectural Drawing (1.0 credit)

College of DuPage dual credit: ARCH 1101 – Basic Architectural Drawing (2 credit hours) and ARCH 1211 – Basic CADD/AutoCAD (3 credit hours-see introduction for more information)

Level: 10-12 Prerequisite: Drafting and Design 1

This course is designed to acquaint students with fundamentals relative to residential construction and principles of architectural drafting. The students explore these areas through required drawings that involve: foundation details, frame and masonry wall construction, stair layouts, door and window construction, fireplace details, roof construction and other problems that lead to a general understanding of architectural principles. A standard set of working drawings will be made using CAD for the final project.

Machine Shop (1.0 credit)

College of DuPage dual credit: MANUFACTURING TECH 1151 – Machine Shop I (3 credit hours-see introduction for more information)

Level: 10-12 Prerequisite: Drafting and Design 1

This course is designed for students with little background in the use of metal-working machine tools, basic principles and operations on engine lathes, vertical milling machines, surface grinders, and precision measurement will be emphasized. Students will receive hands on experience using machines to complete projects. Students interested in mechanical engineering, industrial design, and/or manufacturing will benefit from taking this course. Students who successfully complete this course will have displayed an ability and aptitude in engineering and manufacturing.

Technical Drawing (0.5 credit)

College of DuPage dual credit: MANUFACTURING TECH 1101 – Industrial Design/CAD (3 credit hours-see introduction for more information)

Level: 10-12 Prerequisite: Drafting and Design 2

This course emphasizes freehand sketching, illustrating, manufacturing, and engineering principles. Drafting instruments will be used in solving problems relating to the following: detail and working drawing, pictorial drawing, AutoDesk Fusion and Inventor software, threaded fasteners, springs, gears, and cams. Technical Drawing provides an excellent foundation for those students interested in engineering, industrial design, or manufacturing through descriptive designs. Students will also use the CNC machine, and 3D Printer to develop products from their design.

Technical Mechanics (0.5 credit)

College of DuPage dual credit: MANUFACTURING TECH 1104 – Technical Mechanics (2 credit hours-see introduction for more information)

Level: 10-12 Prerequisite: Machine Shop

Students will analyze, problem solve, and apply calculations and standards for design and maintenance of a mechanical system. Students will work to solve mechanical issues and use math and communication skills to understand technical manuals, work in a team environment, and display technical metal cutting competencies. Students who successfully complete this course will have displayed an ability and interest in manufacturing and engineering.

Quality Control (0.5 credit)

College of DuPage dual credit: MANUFACTURING TECH 1180 – Quality Control (3 credit hours-see introduction for more information)

Level: 11-12 Prerequisite: Technical Mechanics

An introduction to quality control and the development of the concept of total quality control engineering, process improvement, and quality information systems. The course will include a broad overview of total quality control and its scope throughout the business organization. Upon successful completion of this course, students will have an understanding of how quality works and how monitoring the process will assure a product or service provided to a customer remains defect free.

Advanced Computer Animation (0.5 credit)

Level: 11-12 Prerequisite: Computer Animation and Design

This course is available to the qualified and responsible computer animation and design student. It offers an opportunity to intensively discover projects that best suit the student's interest. Projects are developed by the student and approved by staff for each student to develop their knowledge and skills. Projects include exploratory modeling and animation techniques, advanced techniques for 3D printing, and detailed animation concepts for video game or entertainment purposes.

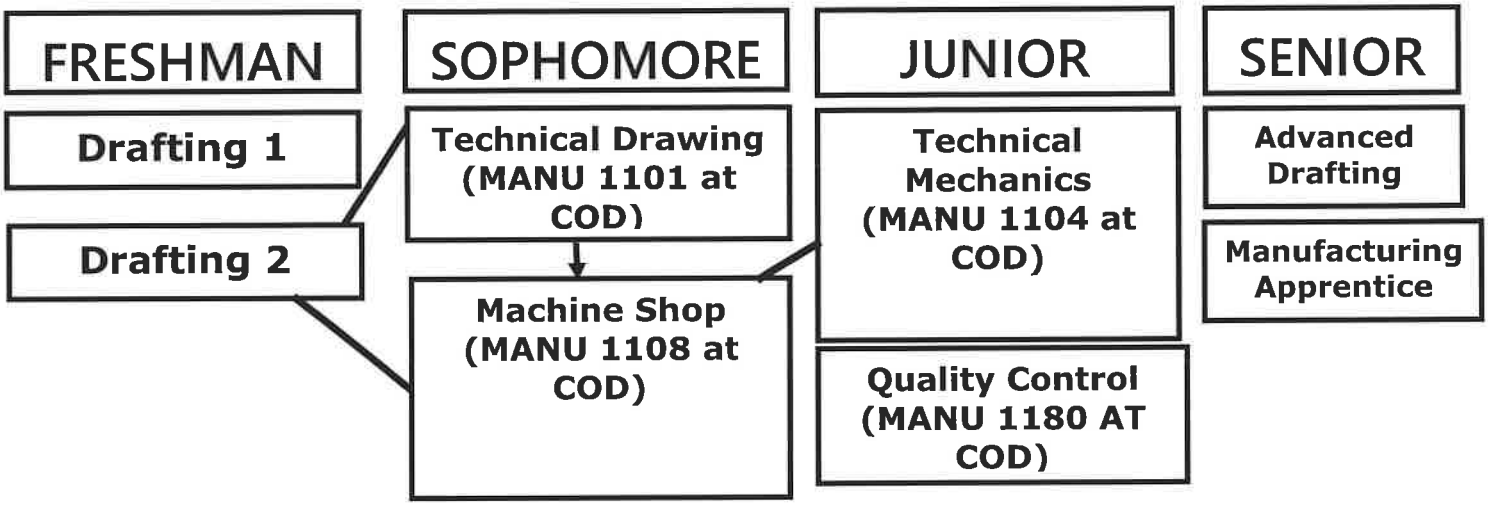
Advanced Drafting (0.5 credit)

Level: 11-12 Prerequisite: Technical Drawing or Architectural Drawing

This option is open to the qualified and the responsible junior or senior drafting student. This course offers an opportunity for the mature individual to intensively explore areas that best suit the student's interest. Based from prior classes, students integrate software and machinery to design, develop, and produce personal projects. Students are allowed access to mill, lathe, CNC, and 3D printing machinery to produce their desired product.

MANUFACTURING/ENGINEERING PATHWAY

West Chicago Community High School has partnered with College of DuPage and local businesses in an effort to develop a manufacturing pathway. This pathway allows students to obtain up to 11 credits from COD and get a head start on earning industry certificates in high demand manufacturing areas. Students who complete this pathway could then choose whether they want to continue taking courses toward a Certification at College of DuPage, whether they want to apply to attend a 4-year college, or whether they want to start work right away with a local business (students would have to apply and be accepted for any of those options).



Manufacturing/Engineering Pathway will allow students to pursue certificates in:

- Manufacturing Technology
- Automated Manufacturing Systems
- Drafting/Design
- Manufacturing Skills Standards (MSSC)
- CNC Operations

ENGLISH

Course Title	Prerequisite	Credit	Grade Level
English 1	Placement based on standardized test score and middle school recommendation	1.0	9
Honors English 1	Placement based on standardized test score and middle school recommendation	1.0	9
English 2	English 1	1.0	10
English 2 Enriched	English 1	1.0	10
Honors English 2	English 1	1.0	10
English 3	English 2	1.0	11
English 3 Enriched	English 2	1.0	11
AP Language and Composition	English 2 Honors or by application	1.0	11-12
AP Literature and Composition	AP Language and Composition	1.0	12
Enriched World Literature	Strongly recommend English 3 Enriched	1.0	12
English 4: Modern Rhetoric	English 3	1.0	12
Contemporary Literature	English 3	0.5	12
Creative Writing	English 3	0.5	12
Critical Reading	English 3	0.5	12
Critical Reading-Blended Course	English 3	0.5	12
Journalism	None	0.5	12
Media Literacy and Composition	English 3	0.5	12
Interpersonal Communication	None	0.5	12
Writer's Workshop	English 3	0.5	12
Writer's Workshop-Blended Course	English 3	0.5	12
English electives:			
Drama	None	0.5	9-12
Advanced Drama	Drama	0.5	9-12
Broadcast Production	English 1	0.5	10-12
Journalism	None	0.5	9-11
Journalism Production	Journalism	0.5	9-12
Interpersonal Communication	None	0.5	9-11

English 1 (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

English 1 utilizes an inquiry-based approach to emphasize the connections between reading, writing, speaking, and listening through real-life scenarios. Students study a variety of fiction, nonfiction, poetry, and drama that is conceptually linked to essential questions including *Do I owe anything to anyone else? What does it mean to come of age? Is redemption possible?* Students write a number of multi-paragraph argumentative essays, as well as participate in formal and informal discussion and Socratic seminars. Daily independent reading is required. Incoming students are expected to complete required summer reading.

English 1 Honors (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

This pre-Advanced Placement course is designed to challenge students to evaluate authors' craft with an emphasis on canonical works. Students develop their reading, writing, speaking, and listening skills through the analysis of novels, plays, poetry, and informational text and engage in frequent and varied writing experiences with a specific focus on formal argumentation. Daily independent reading of texts from varied genres is required. The course is reading and writing intensive. Incoming students are expected to complete required summer reading and writing.

English 2 (1.0 credit)

Level: 10 Prerequisite: English 1

English 2 helps students continue the development of their reading, writing, speaking, and critical thinking skills. The course follows an inquiry-based curriculum in which students attempt to uncover answers to the question, *Who controls my future?* Students develop their argumentation skills, prepare and deliver researched speeches, and engage in active reading activities. Students will study novels, plays, poetry, and informational text in an effort to maximize their exposure to the literary canon, as well as contemporary fiction, film, and other important current events. Incoming students are expected to complete required summer reading.

English 2 Enriched (1.0 credit)

Level: 10 Prerequisite: English 1

This course prepares students to engage in close reading, literary analysis, and argumentation. As an Enriched class, this course is more reading and writing intensive than English 2, but it is not at the honors level. Students who intend to attend a college or university should enroll in enriched or honors. Students who enroll in the Enriched English sequence are eligible to enroll in AP Language and Composition as seniors. Incoming students are expected to complete required summer reading.

English 2 Honors (1.0 credit)

Level: 10 Prerequisite: English 1

This course is a natural extension of English 1 Honors and serves as a bridge to the Advanced Placement English program. In this college preparatory course, students begin to hone their writing, reading, and speaking skills primarily through conceptual units that examine genres such as dystopia, satire, and comedy. Students can expect to encounter frequent and varied writing experiences requiring greater sophistication in the use of support and depth of analysis. Incoming students are expected to complete required summer reading and writing.

English 3 (1.0 credit)

Level: 11 Prerequisite: English 2

English 3 integrates reading, writing, speaking and listening into inquiry-based units that enable students to learn by constructing or discovering meaning. Each semester is broken down into units based upon essential questions that require students to read short stories, poems, essays, novels, plays, etc. that inform the student's opinion about the key questions. As the unit progresses, students think, discuss, read and write. Students examine primarily American texts to uncover answers to the essential question, *What influences contribute most to shaping who you become?* The course builds upon close reading and argumentation skills with an emphasis on informational text. Incoming students are expected to complete required summer reading.

English 3 Enriched (1.0 credit)

Level: 11 Prerequisite: English 2

English 3 Enriched is a college prep course that develops the sophistication of students' close reading and argumentation skills and prepares students for British/World Literature or AP Language and Composition as seniors. This course is more reading and writing intensive than English 3 and is designed for students who intend to enroll in a college or university upon graduation. Incoming students are expected to complete required summer reading.

AP English Language and Composition (1.0 credit)

Level: 11-12 Prerequisite: English 2 Honors or by application

This course is comparable to an introductory Rhetoric class at most colleges. According to the College Board, "the AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing." Upon completion, students will be able to complete a rhetorical analysis of a variety of texts with particular emphasis on nonfiction. AP Language requires that students learn to write timed essays, as well as arguments that utilize the writing process. Students will be prepared for and expected to take the AP Language and Composition examination in May. Students in AP Language must make a significant time commitment to this college level course. Incoming students are expected to complete required summer reading and writing.

AP English Literature and Composition (1.0 credit)

Level: 12 Prerequisite: AP English Language and Composition

This course is comparable to an Introduction to Literature course at most colleges. According to the College Board, "the AP English Literature and Composition course is designed to engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students can deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students should consider a work's structure, style, and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone." By the end of the course, students will be able to respond critically and independently, both orally and in writing, to the ideas, values, and philosophies inherent in various movements and genres of literature. Students will sharpen their awareness of language and their understanding of a writer's craft. Students will be prepared for and expected to take the AP Literature and

Composition examination in May. Students in AP English Literature must make a significant time commitment to this college level course. Incoming students are expected to complete required summer reading and writing.

Enriched World Literature (1.0 credit)

Level: 12 Prerequisite: English 3 Enriched Recommended

This course provides an opportunity to study literature from countries around the world. The material is organized around thematic units based on broad questions addressed and explored throughout the literature. Students study and discuss significant works from ancient times through the twentieth-first century. The main objective is to study the changing concepts of humanity over time. Students will compare cultures, values, attitudes, and characteristics of various societies while improving writing, reading, listening, speaking, and critical thinking skills. Students will be given the opportunity to compose and perform an independent research project as part of the curriculum. Incoming students are expected to complete required summer reading.

English 4: Modern Rhetoric (1.0 credit)

This is a college preparatory course that develops student skills in reading, critical thinking and analysis, and writing to support student success across majors and career pathways while aligning with the Illinois Learning Standards. English 4: Modern Rhetoric will address, at minimum, the following domains and competencies: reading (active reading strategies, summarization of a text, analysis and interpretation of texts), writing (identification of and writing processes based on audience, purpose and task, incorporation and documentation of relevant information), and critical thinking and analysis (credibility and reliability of evidence, engagement with evidence, information literacy skills). Additionally, the course emphasizes domains of metacognition and essential skills to develop self-awareness and overall college and career readiness. Upon completion students should be able to adapt their approaches and strategies as they engage in reading and writing tasks; analyze, evaluate, and synthesize while reading and writing; and demonstrate information literacy skills as an engaged reader and as a contributing writer. The course is delivered through an inquiry-based approach to emphasize the connections between reading, writing, speaking, and listening through real-life scenarios.

A final course grade of a "C" or better is required in English 4: Modern Rhetoric to indicate the competencies for the course were met and the student is ready for college-level courses that include college-level reading and writing expectations and general career reading and writing expectations. Students receiving a final course grade of a "D" will receive high school credit to satisfy Illinois and school district learning standards but are not guaranteed placement in college-level courses that include college-level reading and writing expectations.

Contemporary Literature (0.5 credit)

Level: 12 Prerequisite: English 3

This course is designed for passionate readers and writers regardless of the level of English classes the students have taken in the past. In Contemporary Literature, students are exposed to a wide variety of new authors with one thing (mostly) in common: they're all still alive! Here, readers will explore authors of all backgrounds with voices speaking to society today in the 21st century about race, gender, ethnicity, sexual orientation, and (dis)ability. Expect to read, write, and discuss questions that matter to this generation right here, right now in West Chicago. Incoming students are expected to complete required summer reading.

Creative Writing (0.5 credit)

Level: 12 Prerequisite: English 3

This course focuses on the reading, writing, and performing of poetry, short stories, and other creative genres. Students expand and develop their writing craft and they must be committed to beginning or continuing daily writing. The course requires a portfolio of original works and submissions to poetry journals, as well as attendance at one of the various events hosted by the Creative Writing Club. This course also explores the role of creative writing in business and advertising. Incoming students are expected to complete required summer reading.

Critical Reading (0.5 credit)

Level: 12 Prerequisite: English 3

This course focuses on a student's development of an identity as a reader. Students work with a variety of texts including newspaper and magazine articles, develop strategies for reading texts from varied subjects, and recognize nuances of meaning. Students will practice making complex inferences, specifically examining how tone affects meaning. Students will be expected to write in response to their reading and will engage in large and small group discussions and projects. There will be opportunities for students to select materials for independent reading. Incoming students are expected to complete required summer reading. **There is also a blended option for this course, which involves less days in class, and more independent work. The amount of days of live instruction vary, based on student need.**

Journalism (0.5 credit)

Level: 12 Prerequisite: English 3

Seniors may take Journalism for English credit. Journalism introduces students to the basic concepts of news, feature and editorial writing, and newspaper publication. After completing the class, students will be able to conduct interviews, effectively research and write a variety of stories, including news, features, editorials, and sports. Students will learn to compose and revise stories for online publication. Students will have the opportunity to understand journalism more thoroughly, begin writing for the school paper, and develop confidence in their ability to write. Students may take Journalism while also taking another English class at the same time. Students are encouraged to enroll in Journalism Production once they have completed Journalism to become a full member of the award-winning student newspaper, *The Wildcat Chronicle*. Incoming students are expected to complete required summer reading and writing.

Media Literacy and Composition (0.5 credit)

Level: 12 Prerequisite: English 3

Seniors may take Media Literacy and Composition for English credit. Media Literacy students examine the foundations of our society's mass media and consider the elements that shape social, political, and consumer thought. They will also consider how media reinforces stereotypes and impacts our attitudes toward violence, sexuality, and democracy. Students will analyze media messages designed not only to inform or entertain but to persuade. Incoming students are expected to complete required summer reading.

Interpersonal Communication (0.5 credit)

Level: 12 Prerequisite: English 3

Seniors may take speech Interpersonal Communication for English credit. In this class students study effective interpersonal communication and apply these skills through the performance of speeches. Students will engage in structured discussion opportunities and will have a variety of occasions for public speaking. As students shift from one speaking occasion to another, they will attend to changes in audience needs, technique, format, and emphasis, and will participate in the critical assessment of their own speech performance and the performances of others. Students will also study effective communications through video, readings, and guest speakers. Incoming students are expected to complete required summer reading.

Writer's Workshop (0.5 credit)

Level: 12 Prerequisite: English 3

Seniors may take Writer's Workshop for English credit. This writing course is designed for students who have a personal interest in further developing their academic writing skills. This college preparatory course enables students to hone the skills required for composing narrative, expository and argumentative writing in a variety of modes. Incoming students are expected to complete required summer reading. **There is also a blended option for this course, which involves less days in class, and more independent work. The amount of days of live instruction vary, based on student need.**

English Lab (1.0 credit)

Level: 9Prerequisite: Placement based on standardized test score and teacher/division head recommendation

Students may take English Lab for elective credit. English Lab is a unique course offered to 9th, 10th, and 11th grade students who are motivated to accelerate their reading and writing abilities in a workshop setting. English Lab enables students to work on reading and writing, for a second period a day, with the student's English teacher in addition to English 1, English 2, or English 3.

Drama (0.5 credit)

Level: 9-12 Prerequisite: None

Students may take Drama for elective credit. This course is designed to acquaint students to theatrical production with the primary emphasis placed on appreciating the performing arts. The course combines both practical and academic aspects of drama including explorations of theater history and dramatic literature. Students will develop self-confidence and composure as they work with others in class exercises in imagination, movement, voice, improvisation, character development, and memorization. Students will also begin to explore some of the theater's related arts.

Advanced Drama (0.5 credit)

Level: 9-12 Prerequisite: Drama

Students may take Advanced Drama for elective credit. Advanced Drama offers students the chance to continue their study of the theatrical arts. Students in this class will read and study a variety of plays that will expand their knowledge of the different subgenres of the play. Students will focus on the importance of character development for performance and will participate in scene work to expand their understanding of acting styles and techniques. Students will also study other aspects of production such as set and costume design. Students in the Advanced Drama program create an original production. This course may be repeated for credit.

Broadcast Production (0.5 credit)

Level: 10-12 Prerequisite: English 1

Students may take Broadcast Production for elective credit. This one-semester course trains students in broadcast communication including the use of stabilizers to shoot on DSLR cameras and camcorders before uploading and editing footage on Apple's Final Cut Pro. Students will continue to develop skills in writing, editing, and speaking for broadcast. They will also have editorial responsibilities in finding, developing, and planning newsworthy stories for production. This course may be repeated for credit.

Journalism (0.5 credit)

Level: 9-11 Prerequisite: None

Students may take Journalism for elective credit. Journalism introduces students to the basic concepts of news, feature and editorial writing and newspaper publication. After completing the class, students will be able to conduct interviews, effectively research, and write a variety of stories, including news, features, editorials and sports. Students will learn to compose and revise stories for online publication. Students will have the opportunity to understand journalism more thoroughly, begin writing for the school paper, and develop confidence in their ability to write. Students may take Journalism while also taking another English class at the same time. Students are encouraged to enroll in Journalism Production once they have completed Journalism to become a full member of the award-winning student newspaper, *The Wildcat Chronicle*.

Journalism Production (0.5 credit)

Level: 9-12 Prerequisite: Journalism

Students may take Journalism Production for elective credit. Journalism Production is responsible for publishing the online school newspaper, *The Wildcat Chronicle*. The class requires students to work as responsible journalists while they conduct interviews, write stories and determine the content of the newspaper. Students are also responsible for web design, photography, editing, proofreading, and attending events outside of class hours. While on the paper, students will learn to cooperate in a group and work independently as they polish their journalism skills. Students may also attend conferences and enter journalism competitions. This course may be repeated for credit.

Interpersonal Communication (0.5 credit)

Level: 9-11 Prerequisite: None

Students may take Interpersonal Communication for elective credit. In this class students study effective interpersonal communication and apply these skills through the performance of speeches. Students will engage in structured discussion opportunities and will have a variety of occasions for public speaking. As students shift from one speaking occasion to another, they will attend to changes in audience needs, technique, format, and emphasis and will participate in the critical assessment of their own speech performance and the performances of others. Students will also study effective communications through video, readings, and guest speakers.

Course Title	Prerequisite	Credit	Grade Level
English as a Second Language ESL 1	Placement based on standardized test score and teacher/division head recommendation	2.0	9-12
English as a Second Language ESL 2	Placement based on standardized test score and teacher/division head recommendation	2.0	9-12
English as a Second Language ESL 3	Placement based on standardized test score and teacher/division head recommendation	2.0	9-12
English as a Second Language ESL 4	Placement based on standardized test score and teacher/division head recommendation	2.0	9-12
English as a Second Language Study Skills	Placement based on standardized test score and teacher/division head recommendation	0.5	9-12
Bridge	Placement based on standardized test score and teacher/division head recommendation	1.0	9-12

English as A Second Language (ESL) 1 (2.0 credits-1.0 English and 1.0 elective)

Level: 9-12 Prerequisite: Placement based on standardized test score and teacher/division head recommendation

This course is for limited English proficient students who have no background or experience with the English language. This is an intensive two period course designed to develop English skills. Students will be introduced to basic communication skills, vocabulary development, listening skills, along with basic writing and reading skills. This class has two parts. The Language Enrichment part provides additional opportunities to expand on reading, writing, speaking, and listening skills. The materials and curriculum are designed to complement the main section of ESL.

English as a Second Language (ESL) 2 (2.0 credits-1.0 English and 1.0 elective)

Level: 9-12 Prerequisite: Placement based on standardized test score and teacher/division head recommendation

This second course helps students with a very limited knowledge of English to communicate proficiently in everyday situations while introducing reading and writing skills essential for their academic and professional success. This class has two parts. The Language Enrichment part provides additional opportunities to expand on reading, writing, speaking, and listening skills. The materials and curriculum are designed to complement the main section of ESL.

English as a Second Language (ESL) 3 (2.0 credits-1.0 English and 1.0 elective)

Level: 9-12 Prerequisite: Placement based on standardized test score and teacher/division head recommendation

The third level ESL language course continues to develop the skills needed to spell and read while providing students with the skills necessary to locate, understand, and interpret information from a text. At the end of the course, students will be able to compose a one-page essay using correct rules of grammar, spelling and punctuation. This class has two parts. The Language Enrichment part provides additional opportunities to expand on reading, writing, speaking, and listening skills. The materials and curriculum are designed to complement the main section of ESL.

English as a Second Language (ESL) 4 (2.0 credits-1.0 English and 1.0 elective)

Level: 9-12 Prerequisite: Placement based on standardized test score and teacher/division head recommendation

The fourth level ESL language course will provide students with the skills to locate understand and interpret information in popular short stories. Students will also be expected to write a two-page composition in each of the following modes: narration, description, exposition, argument and persuasion. This class has two parts. The Language Enrichment part provides additional opportunities to expand on reading, writing, speaking, and listening skills. The materials and curriculum are designed to complement the main section of ESL.

ESL Study Skills (0.5 credit)

Level: 9-12 Prerequisite: Placement based on standardized test score and teacher/division head recommendation

Study Skills is designed both as an academic support class as well as a skill-building course. There will be time allotted daily for activities related to individual self-management skill development, such as time management, as well as time for academic support and work completion. Daily activities will be tailored to fit the individual needs of each student.

Bridge (1.0 credit)

Bridge provides additional opportunities to expand on what is being learned in English 1 Sheltered, specifically as it relates to reading, writing, speaking, and listening skills. The materials and curriculum are designed to complement what is being learned in English 1.

MATHEMATICS

Course Title	Prerequisite	Credit	Grade Level
Principles of Algebra/Geometry	Placement based on standardized test score and middle school recommendation	1.0	9
Algebra 1	Placement based on standardized test score and middle school recommendation or Principles of Algebra/Geometry	1.0	9-10
Honors Algebra 1	Placement based on standardized test score and middle school recommendation	1.0	9
Geometry with Algebra	Algebra I and Teacher Recommendation	1.0	10-12
Geometry in Construction	Algebra 1	1.0 Math 1.0 CTE	9-11
Geometry	Placement based on standardized test score and middle school recommendation or Algebra 1	1.0	9-11
Honors Geometry	Honors Algebra 1 or Algebra 1 with teacher/division head recommendation	1.0	9-10
Essentials of Algebra 2	Geometry	1.0	11
Algebra 2	Geometry	1.0	10-11
Honors Algebra 2	Honors Geometry or Geometry with teacher/division head recommendation	1.0	9-11
Statistics and Discrete Mathematics	Algebra 2	1.0	11-12
AP Statistics	Honors Algebra 2 or Algebra 2 with teacher/division head recommendation	1.0	10-12
AP Pre-calculus	Algebra 2	1.0	11-12
AP Pre-calculus Accelerated	Honors Algebra 2 or Algebra 2 with teacher/division head recommendation	1.0	11-12
Quantitative Literacy	Algebra 2 or Essentials of Algebra 2	1.0	12
AP Calculus AB	Honors Pre-calculus or Pre-calculus with teacher/division head recommendation	1.0	11-12
AP Calculus BC	Honors Pre-calculus with teacher/division head recommendation	1.0	12

Calculator Requirement:
TI-83 Plus or above for all courses in the mathematics department

Principles of Algebra/Geometry (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

This is a course designed to bring the students' skills up to a level where they may be successful in the traditional high school mathematics sequence in preparation for Algebra I. The course is designed for students who need reinforcement in problem solving skills. Students will approach problems verbally, analytically, numerically, and graphically. Through the application of pre-algebra skills, students will develop the readiness skills necessary for future success in Algebra. Emphasis will be placed on making appropriate computational decisions; constructing and interpreting graphs and tables; solving equations; exploring linear equations; finding percentages, and working with mathematical expressions, formulas, and sentences.

Algebra 1 (1.0 credit)

Level: 9-10 Prerequisite: Placement based on standardized test score and middle school recommendation or Principles of Algebra/Geometry

This course is designed to emphasize the development of skills and techniques for experiences in algebra, algebra applications, data analysis, and statistics. The course will focus on five major areas and related sub-topics; solving and graphing, linear inequalities, graphical analysis, polynomials, quadratic equations, and data analysis. Throughout the course, emphasis will be placed on the applications of algebra as well as the development of problem solving skills.

Honors Algebra 1 (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

This class is designed for students who require a thorough review of the algebra skills learned in a middle school Algebra 1 class. It also serves the needs of students who have yet to formally study algebra, and are capable of more advanced work in this critical, foundational course. The course will focus on the traditional five major areas and related sub-topics; solving and graphing linear equations, linear inequalities, graphical analysis, polynomials, quadratic equations and data analysis. The course will also cover radical and rational expressions. These topics will be taught in greater depth than in a traditional Algebra 1 class. Honors topics intended to provide a stronger algebraic foundation will also be included.

Geometry (1.0 credit)

Level: 9-11 Prerequisite: Placement based on standardized test score and middle school recommendation or Algebra 1

This course focuses on the comparison of size, shape, and position of geometric figures. Methods and procedures used in discovering these relationships serve as models for logical thinking. Proof is used in this course. Discovery processes include using hands-on manipulatives and dynamic geometry simulations/explorations utilizing technology. Students will review algebra skills and concepts while learning new geometry ideas including right triangle trigonometry. Algebra is utilized extensively in this course while learning new geometric ideas. The facts and processes developed and utilized in Geometry are carried over into future mathematics courses.

Geometry with Algebra (1.0 credit)

Level: 10-12 Prerequisite: Placement based on Algebra 1 and teacher recommendation.

This course focuses on the comparison of size, shape and position of geometric figures while also reinforcing skills learned in Algebra 1. Methods and procedures used in discovering these relationships serve as models for logical thinking. This course will also focus on providing additional supports for students through reteaching of Algebraic skills. These Algebraic skills will then be used appropriately to support the learning of new geometric ideas. Discovery processes include using hands-on manipulatives and dynamic geometry simulations/explorations utilizing technology. Proof is used in this course. All key concepts and processes from Geometry that are carried over into future mathematics courses will be covered.

Geometry in Constructions (2.0 credits)

Level: 9-11 Prerequisite: Algebra 1

This interdisciplinary course integrates Geometry and Construction topics through the building of a significant construction project. The Geometry content matches that of the other Geometry courses taught in the Mathematics Division and prepares students for the subsequent Algebra 2 course. Students will be exposed to and gain hands-on experience in carpentry, including safety, tool use, floor, wall, and roof framing, as well as the ability to read architectural drawings. This course will be taught in a two-period block and meets the requirements for a Mathematics credit in Geometry and a Career and Technical Education credit for graduation.

Honors Geometry (1.0 credit)

Level: 9-10 Prerequisite: Honors Algebra 1 or Algebra 1 with teacher/division head recommendation

This pre-Advanced Placement course focuses on the comparison of size, shape, and position of geometric figures. Methods and procedures used in discovering these relationships serve as models for logical thinking. Formal proof is used extensively in this course. Discovery processes are used and include hands-on manipulatives and dynamic geometry simulations/explorations utilizing technology. Higher level Algebra is utilized extensively throughout the entire course while learning new geometric ideas. The facts and processes developed and utilized in Geometry are carried over into future mathematics courses. Topics will be taught in greater depth than in a traditional Geometry class.

Essentials of Algebra 2 (1.0 credit)

Level: 11 Prerequisite: Geometry

This course is designed to give students a broad overview of Algebra 2 topics. This course emphasizes an understanding of the number system, functions, graphical representations and trigonometry. First semester focuses on the study of mathematical analysis in both tabular and graphical form, and simplifying expressions. Second semester includes solving equations, exponents, logarithms, and trigonometry. Detailed exploration of linear, quadratic, exponential, absolute value, cubic, radical rational and polynomial functions will occur.

Algebra 2 (1.0 credit)

Level: 10-11 Prerequisite: Geometry

This course reviews and extends many of the topics of Algebra 1. This course emphasizes an understanding of the number system, functions, graphical representations, statistical analysis and trigonometry. First semester focuses on the study of mathematical analysis in both tabular and graphical form, simplifying expressions and solving. Second semester includes exponents and logarithms, systems, polynomials, statistics, and trigonometry. Detailed exploration of linear, quadratic, exponential, absolute value, cubic, radical rational and polynomial functions will occur.

Honors Algebra 2 (1.0 credit)

Level: 9-11 Prerequisite: Honors Geometry or Geometry with teacher/division head recommendation

This pre-Advanced Placement course reviews and extends many of the topics of Algebra 1. This course emphasizes an understanding of the number system, functions, graphical representations, statistical analysis and trigonometry. First semester focuses on the study of mathematical analysis in both tabular and graphical form, simplifying expressions and solving. Second semester includes polynomials, exponents and logarithms, probability and statistics, and trigonometry. Detailed exploration of linear, quadratic, exponential, absolute value, cubic, radical, rational and polynomial functions will occur. This course includes extensions and problem-solving activities designed to challenge, enrich and deepen students' mathematical understanding.

Statistics and Discrete Mathematics (1.0 credit)

Level: 11-12 Prerequisite: Algebra 2

The first semester of this course provides students with knowledge of statistical methods and applied topics in Discrete Mathematics. Using calculators and technology extensively, students will expand their knowledge of basic data analysis techniques; analyze and interpret distributions; interpret scatter plots and use simple linear regression; design experiments and surveys; apply probabilistic concepts; model data with appropriate distributions; apply the Central Limit Theorem and the normal distribution. Students are introduced to the fundamentals of inferential statistics. The second semester of this course will focus on applied mathematical strategies. Topics will include logical reasoning, graph theory, sequences and series, systems of equations, and financial applications of mathematics.

AP Statistics (1.0 credit)

Level: 10-12 Prerequisite: Honors Algebra 2 or Algebra 2 with teacher/division head recommendation

The AP Statistics course is designed to be comparable to an Introductory Statistics course offered at most colleges. This course provides students with knowledge of statistical methods and applied topics in Discrete Mathematics. Students will expand their knowledge of basic data analysis techniques; analyze and interpret distributions; interpret scatter plots and use simple linear regression; design experiments and surveys; apply probabilistic concepts; model data with appropriate distributions; apply the Central Limit Theorem and Chebyshev's Theorem; and apply the normal distribution. Students are also introduced to the fundamentals of inferential statistics, discrete and random variables, hypothesis testing, confidence intervals, and one-way analysis of variance. Students will conduct research projects and present formal written and oral reports. Students will learn computer and calculator applications to statistical methods. Students will be prepared for and expected to take the AP Statistics examination in May.

AP Pre-calculus (1.0 credit)

Level: 11-12 Prerequisite: Algebra 2

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science. This course is intended to prepare students for entry into AP Calculus AB or a college-level mathematics course. Students taking this course will **not** be eligible to take Calculus BC. This course will cover three of the four units laid out in the AP Precalculus curriculum. Students will be prepared for and expected to take the AP Precalculus examination in May.

AP Pre-calculus Acclerated (1.0 credit)

Level: 11-12 Prerequisite: Algebra 2 Honors Algebra 2 strongly recommended.

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, business, social science, and data science.

This course is intended to prepare students for entry into AP Calculus BC or a college-level mathematics course. This course will cover all four of the units laid out in the AP Precalculus curriculum. Students will be prepared for and expected to take the AP Precalculus examination in May.

Quantitative Literacy (1.0 credit)

Level: 12 Prerequisite: Algebra 2 or Essentials of Algebra 2

This course is designed for those students interested in taking a fourth year non-STEM related course. The course is designed to review and reinforce Algebraic Concepts necessary for success in a first-year college credit bearing math course. The course aims to prepare students for collegiate level mathematics thinking, communicating, problem solving and applying the mathematical practice standards. Emphasis will be placed on applying these skills in solving real world problems and will contain a project based component. This course was collaboratively developed with the DuPage County High Schools and the College of DuPage. Students who successfully complete this course with a grade of a C or better will be eligible to enroll in Math 1218 (General Education) or Math 1220(Quantitative Literacy) at the College of DuPage or an equivalent course at a different college.

AP Calculus AB (1.0 credit)

Level: 11-12 Prerequisite: Honors Pre-calculus or Pre-calculus with teacher/division head recommendation

This is a college-level mathematics course. AP Calculus AB is designed to replace the first semester of college Calculus. Students explore limits, continuity, the derivative, and rules for differentiation of mathematical relations, related rates, and applications of the derivative to extreme value problems. Second semester topics include anti-derivatives, the Fundamental Theorem of Calculus, applications of the definite integral, transcendental functions and techniques of integration. Differentiation and integration of exponential, logarithmic, and inverse trigonometric functions are covered. Students are introduced to separable differential equations. Students will be prepared for and expected to take the AP Calculus AB examination in May.

AP Calculus BC (1.0 credit)

Level: 12 Prerequisite: Honors Pre-calculus with teacher/division head recommendation

This is a college-level mathematics course. AP Calculus BC is designed to replace the first year of college Calculus. It includes all topics listed for AP Calculus AB. Additional topics include sequences, infinite series, solutions of differential equations, and advanced techniques of integration. Students enrolling in Calculus BC after completing Calculus AB will take an audit grade for the first semester with no credit (because of the overlap of material from Calculus AB) and will earn an academic grade with 0.5 credit for second semester. Students will be prepared for and expected to take the AP Calculus BC examination in May.

Course Title	Prerequisite	Credit	Grade Level
Concert Band	Audition	1.0	9-12
Symphonic Band	Audition	1.0	10-12
Honors Wind Ensemble	Audition	1.0	10-12
Mixed Chorus	None	1.0	9-12
Women's Chorale	Audition	1.0	10-12
Concert Choir	Audition	1.0	10-12
Honors A Cappella Chamber Choir	Audition	1.0	10-12
String Orchestra	Audition	1.0	9-12
Concert Orchestra	Audition	1.0	10-12
Honors Symphony Orchestra	Audition	1.0	10-12
Guitar 1	None	0.5	9-12
Guitar 2	Guitar 1	0.5	9-12
Music Technology	None	0.5	9-12
AP Music Theory	Teacher/division head recommendation	1.0	11-12

Concert Band (1.0 credit)

Level: 9-12 Prerequisite: Audition

Concert Band is a large ensemble designed for freshmen or developing wind players and percussionists. The goal of the course is to develop the necessary fundamental skills required to play literature of advancing difficulty. Skills focused on include tone production, intonation, articulation, ensemble balance and blend, technique, rhythmic reading, and other skills needed to succeed as a high school musician. Performances in concerts, festivals, parades, athletic events and other occasions are part of the course requirement. Participation in marching band and marching band camp during August is required. Students are required to attend all practices and performances throughout the year.

Symphonic Band (1.0 credit)

Level: 10-12 Prerequisite: Audition

Symphonic Band is a large ensemble designed for advancing wind players and percussionists. The goal of the course is to develop the necessary fundamental skills required to play literature that is more advanced. Skills focused on include tone production, intonation, articulation, ensemble balance and blend, technique, and rhythmic reading. Performances in concerts, festivals, parades, athletic events and other occasions are part of the course requirement. Participation in marching band and marching band camp during August is required. Students are required to attend all practices and performances throughout the year.

Honors Wind Ensemble (1.0 credit)

Level: 10-12 Prerequisite: Audition

Honors Wind Ensemble is designed for advanced wind players and percussionists. The goal of the course is to improve performance skills through band literature and by focusing on fundamental skills necessary to perform top-level literature. Skills focused on include tone production, intonation, articulation, ensemble balance and blend, technique, and rhythmic reading. Performances in concerts, festivals, parades, athletic events and other occasions are part of the course requirement. Participation in marching band and marching band camp during August is required. Additionally, all Wind Ensemble students are expected to participate in weekly sectionals before school. Students are required to attend all practices and performances throughout the year. Students will receive honors credit for the course.

Mixed Chorus (1.0 credit)
Level: 9-12 Prerequisite: None
Mixed Chorus is designed for students who want to develop vocal proficiency. Generally, incoming freshmen and inexperienced vocalists participate in Mixed Chorus. Primary objectives of the course include music fundamentals, basic voice techniques, and tone production. Student participation in choral concerts is a course requirement.

Women's Chorale (1.0 credit)
Level: 10-12 Prerequisite: Audition
Experiences in aesthetics and musical fundamentals are continued in this intermediate chorus. Literature for this course is drawn from 3-4 part repertoire of progressively increasing difficulty. Music reading continues to be approached as a means of faster musical progress for all. Student participation in choral concerts is a course requirement.

Concert Choir (1.0 credit)
Level: 10-12 Prerequisite: Audition
Concert Choir students study examples of the world's great vocal music from the middle ages to the contemporary period. More mature voices explore the complexities of 4-8 part singing. Concerts, festivals, and performances for outside organizations are course requirements.

Honors A Cappella Chamber Choir (1.0 credit)
Level: 10-12 Prerequisite: Audition
Students in this choir sing a wide variety of vocal music that is intended for the smaller vocal ensemble without instrumental accompaniment. Music literature selected for this course is intended for more experienced musicians including 4-8 part polyphonic Renaissance and Madrigal music to more modern vocal styles such as vocal jazz. Students are expected to read challenging music and be very familiar with musical concepts and ensemble skills. Preparation for the All-State audition is expected by students over the summer. Concerts, festivals, and performances for outside organizations are course requirements. This course is offered during zero hour.

String Orchestra (1.0 credit)
Level: 9-12 Prerequisite: Audition
String Orchestra is designed for string players entering high school, as well as beginners who want to learn violin, viola, cello, or double bass. The primary objective of the course is to teach and practice string techniques and apply them to orchestral literature. In addition, String Orchestra improves playing competency as an ensemble and as an individual player. Students wishing to learn a new instrument are encouraged to enroll in this course. Performing in concerts, festivals, and other occasions are course activities.

Concert Orchestra (1.0 credit)
Level: 10-12 Prerequisite: Audition
Concert Orchestra is designed for intermediate string players. The primary objective of the course is to teach and practice advancing string techniques and apply them to intermediate level orchestra music. In addition, orchestra improves playing competency as an ensemble and as an individual player. Students wishing to learn a new string instrument are encouraged to enroll in this course. Performing in concerts, festivals, and other occasions are course activities. Concert Orchestra students are expected to participate in weekly sectionals before school.

Honors Symphony Orchestra (1.0 credit)

Level: 10-12 Prerequisite: Audition

Symphony Orchestra is designed for advanced string players. The primary objective of the course is to challenge players in preparing and performing original orchestral literature. In addition, Symphony Orchestra improves playing competency, both as an ensemble and as an individual player. Performing in concerts, state music contests, festivals, and other occasions are course activities. Symphony Orchestra students are expected to participate in weekly sectionals before school and will receive honors credit for the course.

Guitar 1 (0.5 credit)

Level: 9-12 Prerequisite: None

This semester long course focuses on the study of classical guitar, and no previous musical experience is required. Students will study classical guitar technique and learn to read traditional music notation (not tablature). School-owned classical guitars will be used in this class, and students will perform as a class in at least one concert in the semester.

Guitar 2 (0.5 credit)

Level: 9-12 Prerequisite: Guitar 1

This course is designed to take students to a more advanced level of classical guitar playing. Topics covered include playing in positions beyond first position, advanced chord structures, fingerpicking techniques, advanced ensemble skills, and solo literature. School-owned classical guitars will be used in this class, and students will perform as a class in at least one concert.

Music Technology (0.5 credit)

Level: 9-12 Prerequisite: None

This course offers students the opportunity to explore their original musical ideas through computer and music technology resources. Students will learn how to use the computer to interface with electronic musical instruments, accessing thousands of sounds ranging from ancient flutes to futuristic sound effects. Students will learn and apply critical skills in planning, problem solving, and decision-making. Working independently or in collaborative teams, students will learn to use the computer as a creative partner accessing its power to bring their imagination to life. Prior experience with reading music is recommended, but not required, as it will help students in their compositions.

AP Music Theory (1.0 credit)

Level: 11-12 Prerequisite: Teacher/division head recommendation

The AP Music Theory course is designed to be comparable to an introductory Music Theory course offered at most colleges. Music Theory studies the technical development of music. The class is designed to explore written and aural music. Performance knowledge of an instrument is helpful for students taking this course. The course will provide instruction in musical fundamentals such as rhythmic notation, melodic and harmonic structures, and a comprehensive study of Western-based harmony. Composition and ear-training skills will also be developed in depth. Students will be prepared for and expected to take the AP Music Theory examination in May.

Course Title	Prerequisite	Credit	Grade Offered
Freshmen Academy	None	0.5	9
Health Education	None	0.5	9
Beginning Strength Training	None	0.5	9-10
Safety Education 10	Student must be at least 15 years old and have passed eight classes the previous two semesters	0.5	10
Sophomore Academy	None	0.5	10
Advanced Strength Training	Beginning Strength Training or teacher/division head approval	0.5	10-12
Dance Production	Audition	0.5	9-12
Dance Technique	None	0.5	11-12
Advanced Dance Technique	Dance Technique or Dance Production, teacher approval	0.5	11-12
Junior-Senior PE	None	0.5	11-12
Lifeguard Training	None	0.5	11-12
PE Leaders	Application through PE	0.5	11-12
Self-Defense Workout	None	0.5	11-12
Fit For Life	None	0.5	11-12

Freshmen Academy (0.5 credit)

Level: 9 Prerequisite: None

Freshman Academy is a foundational fitness course that will increase students' skills and knowledge in a variety of activities. Included will be fitness education, team building, adventure education, team sports, and swimming.

Health (0.5 credit)

Level: 9 Prerequisite: None

The State of Illinois requires all students to complete a course of study in Health Education. This course is taken during freshman year. Topics studied include human ecology and health, human growth and development, stress-management, family life, disease prevention, consumer health, substance abuse, sexually transmitted disease, sexual harassment, first aid, CPR, and a variety of other topics.

Beginning Strength Training (0.5 credit)

Level: 9-10 Prerequisite: None

Students will be introduced to power lifting techniques with free weights. The class will also focus on training to improve athletic abilities. This course may be repeated for credit.

Safety Education 10 (0.5 credit)

Level: 10 Prerequisite: Student must be at least 15 years old and have passed eight classes the previous two semesters (IL state law)

Safety Education 10 (SE10) deals with automobile safety and related safe driving topics. The State of Illinois requires all students to complete this course. All SE10 students will also complete CPR/AED certification. Driver's permits will be issued to students enrolled in Behind the Wheel (BTW) or Wildcat Drive School. There is a $20 fee for the driver's permit. Permit information will be distributed during the first two weeks of the class. Behind the wheel offers driving instruction in actual on-road driving during the SE10 class period. While the BTW part of the course is not necessary as a graduation requirement, it is required for you to receive your driver's license from the State of Illinois. BTW requires a $300 fee (in addition to the $20 permit fee) and is assigned to students who are paid in full on a first-come, first-served basis and by birthday.

Sophomore Academy (0.5 credit)

Level: 10 Prerequisite: None

During Sophomore Academy students will build on the fitness skills and knowledge from Freshman Academy. Team building and adventure education will be further explored along with team and individual sports and swimming.

Advanced Strength Training (0.5 credit)

Level: 10-12 Prerequisite: Beginning Strength Training or teacher/division head approval

Students will use the weight room and free weight exercises. Individualized workouts are designed to meet specific training needs. Special workouts are designed for both in-season and out-of-season athletes. This course may be repeated for credit.

Dance Production (0.5 credit)

Level: 9-12 Prerequisite: Audition

Dance production is an audition based physical education class that produces a dance concert held in January. The first part of the class is spent on improving dance technique. Students then get the opportunity to choreograph and learn dances to perform in the concert. Students will be expected to attend practices after school. Freshmen and Sophomore students may try-out for Dance Production and join the class if accepted.

Dance Technique (0.5 credit)

Level: 11-12 Prerequisite: None

Students will learn the basics in tap, jazz, ballet, and modern dance. After mastering those basics, students will create their own dance routines.

Advanced Dance Technique (0.5 credit)

Level: 11-12 Prerequisite: Dance Production or Dance Technique, teacher approval

This class is designed for the advanced dancer. It is designed for students to work on dance skills, technique, choreography and fitness. Students in this class should be able to perform a double turn, capezio, fuete turns, and should have previous dance experience. All students in Dance Production first semester are qualified to take Advanced Dance Technique. Other students need teacher approval. This course may be repeated for credit.

Junior-Senior PE (0.5 credit)
Level: 11-12 Prerequisite: None
This course will include a variety of team sports and individual sports based on student selections. Students will have choices for activity. All students will have a swimming component as well as a variety of fitness components. This course may be repeated for credit.

Lifeguard Training (0.5 credit)
Level: 11-12 Prerequisite: Must pass swim test
In this course students will receive instruction and training to become a lifeguard certified by the American Red Cross. Topics include in-water rescues, surveillance procedures, spinal injury management, CPR, AED, first aid, and a variety of other aquatic safety skills.

Self-Defense Workout (0.5 credit)
Level: 11-12 Prerequisite: None
Students will participate in a program on Self-Defense with a concentration on awareness and response. This class offers a combination of aerobics, toning exercises, step aerobics, and self-defense training. This course may be repeated for credit.

PE Leaders (0.5 credit)
Level: 11-12 Prerequisite: Application through PE Department
This course is offered to students who are interested in developing leadership skills within a Physical Education environment. Students will concentrate on skill development, game strategies, skill analysis, officiating rules and techniques, teaching progressions, and methods of organizing various types of activities in a PE class. A strong emphasis is placed upon the development of responsibility for self and others, leadership and peer teaching.

Fit for Life (0.5 credit)
Level: 11-12 Prerequisite: None
This strength-building course is for both athletes and students who wish to improve strength, tone muscles, and learn the fundamentals of strength training. The class will use the Fitness Center machines. Individualized workouts will be developed that are either sport-specific or specific to individual student goals.

SCIENCE

Course Title	Prerequisite	Credit	Grade Level
Essentials of Biology	Placement based on standardized test score and middle school recommendation	1.0	9
Biology	Placement based on standardized test score and middle school recommendation	1.0	9
Honors Biology	Placement based on standardized test score and middle school recommendation	1.0	9
Chemistry	Biology, Algebra	1.0	
Honors Chemistry	Honors Biology, Algebra or teacher/division head recommendation. Freshman may take if enrolled in Honors Biology and passed Algebra prior.	1.0	9,10
Physics	Biology, Chemistry, Algebra	1.0	10,11,12
AP Physics 1	Honors Biology, Honors Chemistry, Algebra 2(may be taken concurrently) or teacher/division head recommendation	1.0	10,11,12
Drone Technology	Biology, Chemistry	0.5	10,11,12
Horticulture 1	Biology, Chemistry	0.5	10,11,12
Horticulture 2	Biology, Chemistry, and Horticulture 1	0.5	10,11,12
Environmental Science	Biology, Chemistry	0.5	10,11,12
Forensic Science	Biology, Chemistry, Physics/AP Physics 1 (may be taken concurrently)	0.5	10,11,12
Human Anatomy and Physiology	Biology, Chemistry	1.0	10,11,12
Introduction to Healthcare 1	Biology	0.5	10,11,12
Introduction to Healthcare 2	Biology, Introduction to Healthcare 1	0.5	10,11,12
AP Biology	Honors Biology, Honors Chemistry, AP Physics 1 (may be taken concurrently) or teacher/division head recommendation	1.0	10,11,12
AP Chemistry	Honors Biology, Honors Chemistry, AP Physics 1 (may be taken concurrently) or teacher/division head recommendation	1.0	10,11,12
AP Environmental Science (Blended Learning)	Biology, Chemistry	1.0	10,11,12
AP Physics 2	Honors Biology, Honors Chemistry, AP Physics 1 or teacher/division head recommendation	1.0	11,12

Essentials of Biology (1.0 credit)
Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation
Students will use 4-6 Biology storylined units to build a basic understanding of the life sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices. Throughout the investigation of each storyline, students seek to answer key questions specific to that story or set of phenomena. In addition, each unit will also ask students to consider these larger themes in context. "How do the structures of organisms enable life's functions?" "How are the characteristics from one generation related to the previous generation?" "How do organisms obtain and use energy they need to live and grow? How do matter and energy move through ecosystems?" "How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms? How does biodiversity affect humans?"

Biology (1.0 credit)
Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation
Students will use 4-6 Biology story lined units to create a coherent pathway anchored in students' questions and data analysis for building the core ideas of the life sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices. Throughout the investigation of each storyline, students seek to answer key questions specific to that story or set of phenomena. In addition, each unit will also ask students to consider these larger themes in context. "How do the structures of organisms enable life's functions?" "How are the characteristics from one generation related to the previous generation?" "How do organisms obtain and use energy they need to live and grow? How do matter and energy move through ecosystems?" "How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms? How does biodiversity affect humans?"

Honors Biology (1.0 credit)
Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation
Students will use 4-6 Biology story lined units to create a coherent pathway anchored in student-driven claims, data collection and analysis, and peer communication for building the core ideas of the life sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices. Throughout the investigation of each storyline, students seek to answer key questions specific to that story or set of phenomena. In addition, each unit will also ask students to consider these larger themes in context. "How do the structures of organisms enable life's functions?" "How are the characteristics from one generation related to the previous generation?" "How do organisms obtain and use energy they need to live and grow? How do matter and energy move through ecosystems?" "How can there be so many similarities among organisms yet so many different plants, animals, and microorganisms? How does biodiversity affect humans?"

Chemistry (1.0 credit)
Level: 10 Prerequisite: Biology, Algebra
Students will use phenomena and inquiry based instruction to create a coherent pathway anchored in students' questions and data analysis for building the core ideas of the physical sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices. Units of study will include Matter, Energy, Elements, Compounds, Mixtures, Atomic Structure, Reactions, Quantifying Reactions, Using the Periodic Table and Thermodynamics

Honors Chemistry (1.0 credit)
Level: 9,10 Prerequisite: Honors Biology or teacher/division head recommendation, Algebra completed. **Freshmen concurrently enrolled in Honors Biology and having previously passed Algebra in middle school may take Honors Chemistry concurrently.**
Students will use phenomena and inquiry based instruction to create a coherent pathway anchored in student-driven claims, data collection and analysis, and peer communication for building the core ideas of the physical sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices. Units of study will include Matter, Energy, Elements, Compounds, Mixtures, Atomic Structure, Reactions, Quantifying Reactions, Using the Periodic Table and Thermodynamics

Physics (1.0 credit)
Level: 10,11 Prerequisite: Biology, Chemistry, Algebra
Students will use phenomena and inquiry based instruction to create a coherent pathway anchored in students' questions and data analysis for building the core ideas of the physical sciences, to see how key concepts weave through Science, and to practice the Next Generation Science and Engineering Practices:. Units of study will include Motion and Forces, Energy, Work, and Power, Momentum, Mechanical Wave, Electrical Waves, Electrical Currents, Magnetism, Thermodynamics, Modern Physics.

AP Physics 1 (1.0 credit)
Level: 10,11,12 Prerequisite: Honors Biology, Honors Chemistry and Algebra 2 (maybe taken concurrently) or teacher/division head recommendation
AP Physics 1 is the third course in the honors science sequence. This course is designed to be comparable to an introductory physics course offered at most colleges. The course provides students with a first year, algebra based AP Physics curriculum and the foundation for other advanced science courses. The course will stress the skills required to process and utilize scientific knowledge in order to understand complex interactions in Physics. Students will learn complex chemical concepts through a variety of techniques including: lecture, discussion, lab investigation, and applications. The major themes include: motion, forces, work and energy, momentum, electricity and magnetism, waves and light. This course develops scientific critical thinking and reasoning skills through inquiry based learning, guided practice, and direct instruction. Students will be prepared for and expected to take the AP Physics 1 examination in May.

Drone Technology (0.5 credit)

Level: 10,11,12 Prerequisite: Biology, Chemistry

The aim of this course is to explore drone technology and address troubleshooting challenges through hands-on learning while studying the Physics of motion and flight. Students will gain knowledge of various drone subsystems, the physics of momentum and forces acting on drones, and the operation of video and control link transmission systems. The course also includes practical exposure to 3D printing and design using Tinkercad software, as well as programming and assembly of drones with Betaflight software. This comprehensive course is designed to equip students with an understanding of drone technology, enhancing their practical skills and encouraging creative problem solving as a team.

Introduction to Healthcare 1 (0.5 credit)

Level: 10,11,12 Prerequisite: Biology

Introduction to Healthcare 1 will have a blend of required days of learning in the classroom and days of required asynchronous learning during each week.

Introduction to Healthcare 1 will align to College and Career Pathways in Nursing, Physical Therapy, and Athletic Training. Students will read technical information about skills necessary in one or more of the fields mentioned above before being assessed on background knowledge. They will next learn a specific skill using video of an actual practitioner as their resource. Once competent in performing the skill, students will video themselves performing the skill and submit the video for review by a clinician in the field to assess mastery. Feedback will be provided to the student. If the student has mastered the skill or activity, they will earn a Skill Badge for it. If not, the student can practice and reassess. The course uses the company SIMRated as the platform for content and assessment. Badges are awarded by SIMRated. Students should check with university, community colleges and technical programs when applying about acceptance of badges. In addition, students will complete research projects as they investigate the degree/endorsement/certificate, skills, occupational outlook, and salary of healthcare careers. The course will be taught as a Blended course which will allow students and the teacher flexibility in creating training schedules depending upon what activities specific students are performing.

Introduction to Healthcare 2 (0.5 credit)

Level: 10,11,12 Prerequisite: Biology, Introduction to Healthcare 1

Introduction to Healthcare 2 will have a blend of required days of learning in the classroom and days of required asynchronous learning during each week.

Introduction to Healthcare 2 continues the healthcare careers exploration of Introduction to Healthcare 1 for students who successfully complete the required number of knowledge badges, skill badges and career research projects described in Introduction to Healthcare 1. This course is designed to allow students to achieve additional badges in knowledge and skills as they also investigate more careers. Healthcare providers may be occasional guest presenters. As in Introduction to Healthcare 1, the course uses the company SIMRated as the platform for content and assessment. Badges are awarded by SIMRated. Students should check with university, community colleges and technical programs when applying about acceptance of badges. The course will be taught as a Blended course which will allow students and the teacher flexibility in creating training schedules depending upon what activities specific students are performing.

Environmental Science (0.5 credit)
Level: 10,11,12 Prerequisite: Biology, Chemistry
Environmental Science explores and investigates the interrelationships of the natural world, identifies and analyzes environmental problems, both natural and human-made, evaluates the relative risks associated with these problems, and examines alternative solutions for resolving and/or preventing them. Major themes addressed include science is a process, energy conversions underlie all ecological processes, the Earth itself is one interconnected system, humans alter natural systems, environmental problems have a cultural and social context, and human survival depends on developing practices that will achieve sustainable systems.

Forensic Science (0.5 credit)
Level: 10,11,12 Prerequisite: Biology, Chemistry, Physics/AP Physics 1 (may be taken concurrently)
Forensics is the study of crime scenes to determine impartial scientific evidence for the use in courts of law. It is an interdisciplinary science course; it utilizes biology, chemistry, and physics to acquire and analyze physical evidence. The course focuses on the following overall student outcomes: apply scientific laboratory processes and techniques to the solving of a crime, determine and perform the most appropriate method of testing samples while obtaining the most accurate results, evaluate the scientific accuracy of various fields of forensic science, and predict and appropriately communicate the results of evidence collection and evaluation.

Horticulture 1 (0.5 credit)
Level: 10,11,12 Prerequisite: Biology, Chemistry
Horticulture 1 will provide students an introduction to planning, growing, and caring for plants while using the Scientific and Engineering Practices, creativity in floral design, and exploring potential "green" careers.

Horticulture 2 (0.5 credit)
Level: 10,11,12 Prerequisite: Biology, Chemistry, Horticulture 1
Horticulture 2 will provide students a deeper investigation into planning, growing and caring for plants, exploring science, floral design, and career exploration. Horticulture 2 will provide students with an increased responsibility in managing the greenhouses along with mentoring Horticulture 1 students.

Human Anatomy and Physiology (1.0 credit)
Level: 10,11,12 Prerequisite: Biology, Chemistry
Students will explore the structures and function of the human body in health and disease. Primary body systems that are covered include the integument system, skeletal system, muscular system, nervous system, respirator system, cardiovascular system, digestive system, and the reproductive systems. In-depth laboratory work, which includes a cat dissection, as well as clinical applications and case studies related to medical occupation are essential components of the course.

AP Biology (1.0 credit)

Level: 10,11,12 Prerequisite: Honors Biology, Honors Chemistry and AP Physics 1(may be taken concurrently) or teacher/division head recommendation

The AP Biology course is designed to be the equivalent of an introductory biology course offered at most colleges. Students will develop a conceptual framework building background knowledge using the scientific method, experimental design and analysis of data. Topics include molecules and cells, heredity, evolution and populations. This course develops scientific critical thinking and reasoning skills through inquiry based learning, guided practice, and direct instruction. Students will be prepared for and expected to take the AP Biology examination in May.

AP Chemistry (1.0 credit)

Level: 10,11,12 Prerequisite: Honors Biology, Honors Chemistry and AP Physics 1(may be taken concurrently) or teacher/division head recommendation

AP Chemistry is designed to be comparable to an entry-level chemistry course offered at most colleges. AP Chemistry explores the structure, states, and reactions of matter. Topics include stoichiometry, atomic structure, periodicity, chemical bonding, solutions, kinetics, equilibrium, thermodynamics, and electrochemistry. This course develops scientific critical thinking and reasoning skills through inquiry based learning, guided practice, and direct instruction. Students will be prepared for and expected to take the AP Chemistry examination in May.

AP Environmental Science –Blended Learning (1.0 credit)

Level: 10,11,12 Biology, Chemistry

AP Environmental Science will have a blend of required days of learning in the classroom and days of required asynchronous learning during each week.

This course is designed to be comparable to an entry-level Environmental Science course offered at most colleges. The AP Environmental Science course explores and investigates the interrelationships of the natural world, identifies and analyzes environmental problems, both natural and human-made, evaluates the relative risks associated with these problems, and examines alternative solutions for resolving and/or preventing them. This course develops scientific critical thinking and reasoning skills through inquiry based learning, guided practice, and direct instruction. Students will be prepared for and expected to take the AP Environmental Science examination in May.

AP Physics 2 (1.0 credit)

Level: 11,12 Prerequisite: Honors Biology, Honors Chemistry and AP Physics 1 or teacher/division head recommendation

The AP Physics 2 course is comparable to an entry-level physics course offered at most colleges as an inquiry into the nature of the physical universe. Topics include kinematics (the description of motion), dynamics (causes of motion), and kinetic theory, wave motion, sound, light, electricity, magnetism, and the structure of matter. This course is recommended for students planning college work in STEM with adequate math background to perform quantitative investigations of physical phenomena. This course develops scientific critical thinking and reasoning skills through inquiry based learning, guided practice, and direct instruction. Students will be prepared for and expected to take the AP Physics 2 examination in May

SOCIAL STUDIES

Course Title	Prerequisite	Credit	Grade Level
Essentials of World Geography	Placement based on standardized test score and middle school recommendation	1.0	9
World Geography	Placement based on standardized test score and middle school recommendation	1.0	9
AP Human Geography	Placement based on standardized test score and middle school recommendation	1.0	9
Topics in Modern History	World Geography	0.5	10
AP World History	AP Human Geography or World Geography with teacher/division head recommendation	1.0	10
American History	Topics in Modern History or World Studies	1.0	11
AP US History	AP World History or Topics in Modern History with teacher/division head recommendation	1.0	11
American History-Spanish Language section	Dual Language program at Leman, native speaker, AP Spanish or teacher approval.	1.0	11
American Government	American History	0.5	12
Social Studies electives:			
Criminal Justice	None	0.5	11-12
Economics	None	0.5	11-12
AP Macro Economics	Teacher/division head recommendation	0.5	11-12
AP Micro Economics	Teacher/division head recommendation	0.5	11-12
Intro to Philosophy	None	0.5	11-12
Psychology	None	0.5	11-12
Sociology	None	0.5	11-12

Essentials of World Geography (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

This course is designed to give students a broad overview of World Geography. Aspects of social studies are introduced during the first semester (culture, government, economics, mapping, and physical systems) and are applied throughout the year as various world regions are studied. Current issues are explored within each region of the world to foster an increased understanding of the global community. The year culminates in a simulated Human Rights Summit across all classes.

World Geography (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

World Geography is the entry-level course in the social studies curriculum. Aspects of social studies are introduced during the first semester (culture, government, economics, mapping, and physical systems) and are applied throughout the year as various world regions are studied. Current issues are explored within each region of the world to foster an increased understanding of the global community. The year culminates in a simulated Human Rights Summit across all classes.

AP Human Geography (1.0 credit)

Level: 9 Prerequisite: Placement based on standardized test score and middle school recommendation

This course is comparable to an Introduction to Human or Cultural Geography course at most colleges. AP Human Geography focuses on the impact of humans on the planet through population, culture, religion, politics, industry, agriculture, and urban geography. Students will analyze current global examples and use geographical tools such as maps, charts, data, and documents to think critically about the modern world. Since a college level textbook is used, strong reading and writing skills are crucial, along with the ability to make connections between multiple concepts. Homework is assigned each week and is expected to be completed using the textbook and online resources. Students will be prepared for and expected to take the AP Human Geography examination in May.

Topics in Modern History (0.5 credit)

Level: 10 Prerequisite: World Geography

Topics in Modern History is designed to foster a world historical perspective for students in order to foster a stronger understanding of the current world. The course emphasizes concepts and themes of modern history since the 18th century. Students will participate in a variety of projects and activities to explore concepts of revolution, industrialization, and conflict.

AP World History (1.0 credit)

Level: 10 Prerequisite: AP Human Geography or World Geography with teacher/division head recommendation

This course is comparable to an Introduction to World History course at most colleges. This course challenges students to develop historical thinking skills in order to analyze historical evidence, create arguments from historical evidence, and analyze historical events. Students will explore key themes of world history, including interaction with the environment, cultures, state-building, economic systems, and social structures, from approximately 8000 B.C.E. to the present. Since a college textbook is used, strong reading and writing skills are crucial, along with the ability to make connections between multiple concepts. Students will be prepared for and expected to take the AP World History examination in May.

American History (1.0 credit)

Level: 11 Prerequisite: Topics in Modern History or World Studies

American History focuses on America's cultural heritage with particular emphasis on the growth and development of social, political, and economic institutions in the United States from the Colonial era to the present. Themes such as change, conflict, diversity, interdependence, and democracy are developed as different historical questions are studied. A variety of assignments and projects are used to develop research, analysis, evaluation, and presentation skills while providing students with knowledge of our past and a better understanding of our present and future.

American History (Spanish Language section) (1.0 credit)

Level: 11 Prerequisite: Topics in Modern History or AP World History

This section of American History will be taught in Spanish and will follow the American History curriculum. Students who were in the Dual Language program at Leman, Native Spanish Speakers not in ESL, students in AP Spanish, and any other student wishing to improve their Spanish in an academic setting are all eligible to enroll in this section. It meets the graduation requirement for junior year American History. American History focuses on America's cultural heritage with particular emphasis on the growth and development of social, political, and economic institutions in the United States from the Colonial era to the present. Themes such as change, conflict, diversity, interdependence, and democracy are developed as different historical questions are studied. A variety of assignments and projects are used to develop research, analysis, evaluation, and presentation skills while providing students with knowledge of our past and a better understanding of our present and future.

AP US History (1.0 credit)

Level: 11 Prerequisite: AP World History or Topics in Modern History

This course is comparable to an Introduction to US History course at most colleges. Students will begin the year examining life in the Americas prior to European arrival and end the year analyzing the Obama Presidency. Due to the large amount of historical information, the course moves at a fast pace. Students will be expected to read a variety of challenging material both in and out of class, effectively take notes from their text, and write historical essays. The course emphasizes note-taking, active discussion, and advanced writing and testing skills. Since a college level textbook is used, strong reading and writing skills are crucial, along with the ability to make connections between multiple concepts. Students will be prepared for and expected to take the AP US History examination in May.

American Government (0.5 credit)

Level: 12 Prerequisite: American History

American Government explores the question "What is an effective citizen?" The course is structured to promote student interaction with other members of the class as all government class sections participate in a semester long legislative simulation. The simulation attempts to approximate, with as much authenticity as possible, the structure and politics of the legislative process. Students take on political leadership and legislative responsibilities as they engage in decision-making processes common to a democratic society. Committee Hearings and the reenactment of the House of Representatives in full session are activities that provide closure to the semester. To fulfill State requirements for civic education, instruction, and evaluation of student understanding of the United States Constitution, Illinois State Constitution, the Flag Code, and elections are incorporated in the course curriculum. A 0-hour option will be offered.

Criminal Justice (0.5 credit)

Level: 11-12 Prerequisite: None

Despite society's attempts to eliminate crime, criminal acts dominate news headlines. How do societies deal with criminal behavior? This class will discuss types and classifications of criminal acts, punishments for criminals, and the American investigative and judicial process. For students considering a career in law enforcement, social work, the courts, or other criminal justice fields, this class will provide the background knowledge needed for pursuing those areas. This class requires students to read a variety of sources, debate and write clearly, and objectively analyze cause and effect patterns through guest speakers, debates, analysis of current criminal trends, criminal case studies, film analysis, individual research projects, and field trips to WCPD and the DuPage County court complex, including court and the jail.

Economics (0.5 credit)

Level: 11-12 Prerequisite: None

Economics is designed to provide students with an introduction to the subject and to provide them with the tools necessary to analyze and understand economic problems. Included in the study of microeconomics, macroeconomics, and international trade is the stock market, monopolies, economic government policies, economic growth, the Federal Reserve, and the economic problems of inflation, unemployment, and poverty. This course will also prepare the student to be an intelligent consumer through the examination of topics such as budgeting, investing, banking and consumer rights. Successful completion of this course will fulfill the Consumer Education graduation requirement.

AP Macroeconomics (0.5 credit)

Level: 11-12 Prerequisite: None

This course is comparable to an introductory Macroeconomics course at most colleges. This course will give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course will emphasize the study of national income, prices in the economy, economic performance measures, the financial sector, fiscal and monetary policies, economic growth, and international economics. Students will be prepared for and expected to take the AP Macroeconomics examination in May. Successful completion of this course will fulfill the Consumer Education graduation requirement.

AP Microeconomics (0.5 credit)

Level: 11-12 Prerequisite: None

This course is comparable to an introductory Microeconomics course at most colleges. This course will give students a thorough understanding of the principles of economics that apply to individual decision makers, both consumers and businesses, within the economic system. It will focus on the concepts of demand, supply prices, in markets, monopolies, unfair business practices, labor markets, unions and the role of government in promoting efficiency and equity in the economy. Students will be prepared for and expected to take the AP Microeconomics examination in May.

Introduction to Philosophy (0.5 credit)

Level: 11-12 Prerequisite: None

Introduction to Philosophy is a semester-long, elective course that explores the way in which people have answered some of the foundational questions from the time of the ancient Greeks to the present. This class will focus on some of the Eastern approaches to these philosophical questions as well. Specific areas of interest will include theories of knowledge (how do we come to know things), existentialism (what is unique to the human experience), and ethics (what is the difference between right and wrong, do these even hold meaning). This course will also apply particular philosophical issues and approaches to contemporary concerns and topics.

Psychology (0.5 credit)

Level: 11-12 Prerequisite: None

Psychology is an introductory course that studies important perspectives on what makes us who we are. The concepts of memory, consciousness, learning, and psychological disorders are examined to help students understand an individual's behavior and mental processes. Students will be encouraged to make connections, apply information, and think in new ways through various projects, activities, experiences, and experiments.

Sociology (0.5 credit)

Level: 11-12 Prerequisite: None

Sociology is a semester long introductory course that helps students look at the world in a new way. Sociology introduces the basic nature of society and the relationship between society and the individual. Students will answer the question *'why do people do what they do?'* when discovering how society functions, and the course is organized by looking at the ideas of socialization, gender, deviance, and social inequality, as well as why people behave the way they do in groups. During the semester, students will engage in critical thinking about social and cultural issues and use their sociological imaginations through debate, simulation, readings, and film analysis.

STUDENT ASSISTANCE PROGRAMS

Course Title	Prerequisite	Credit	Grade Level
AVID	None	1.0	9-12
Student Assistant	By application	1.0	9-12
Student Resource Center	None	1.0	9-12
Peer Tutors	By application	1.0	10-12

AVID (1.0 credit)

Level: 9-12 Prerequisite: None

AVID stands for Advancement Via Individual Determination. AVID is offered for all students who are motivated to pursue post-secondary education at the completion of high school. AVID students are average to above-average, and with a little support can excel in Honors and Advanced Placement courses. This support includes note-taking, test preparation, tutorials, organization, and study strategies. AVID utilizes culturally relative teaching strategies that promote stronger relational capacity for all students.

Student Assistant (0.25 credit)

Level: 9-12 Prerequisite: By application

The goal of this course is to provide students with the opportunity to assist staff members in offices and classrooms. Students should apply for the program through their counselor or be recommended for a position by a staff member. An application must be picked up from the Counseling Department. Students receive a pass or fail grade for this course.

SRC – Student Resource Center (1.0 credit)

Level: 9-12 Prerequisite: None

Student Resource Center (SRC) is a program for students who can benefit from a highly structured study environment while receiving homework assistance and grade monitoring from teachers. The program utilizes a four step system, including an opening activity (focusing on organization, work plans, study tips/strategies, goal setting, etc.), creation of a daily work plan and planner check, structured study time, and an 'after-homework' checklist. These topics will be presented daily in 10 minute lessons before transitioning to a 40 minute structured study time. Students will have access to technology, supplies, textbooks, and a wide variety of other needed materials to assist them with homework completion. Students receive a pass or fail grade for this course.

Peer Tutors – Student Resource Center (0.5 credit)

Level: 10-12 Prerequisite: By application

Peer Tutoring in the Student Resource Center is available to students who excel in math and other subject areas. Peer Tutors will be responsible for working one-to-one with students or with a small group of students on current assignments, preparing for tests and quizzes, completing test corrections, and working on missed homework. Peer Tutors will have the opportunity to learn what it is like to be a teacher and work with students of varying ability levels and multiple needs at the same time. This is an excellent opportunity to gain leadership skills, make connections with students they may otherwise not have the opportunity to, and to be a positive mentor in the life of another WCCHS student. This is also a great opportunity to enhance college applications and resumes with peer tutoring experience, as well as learning life-long skills. Interested students should contact their counselor for more information or Mr. Alvarez in the Student Resource Center.

Course Title	Prerequisite	Credit	Grade Level
French 1	None	1.0	9-12
French 2	French 1	1.0	10-12
French 3	French 2	1.0	11-12
French 4	French 3	1.0	11-12
German 1	None	1.0	9-12
German 2	German 1	1.0	10-12
German 3	German 2	1.0	11-12
German 4	German 3	1.0	11-12
Spanish 1	None	1.0	9-12
Spanish 2	Spanish 1	1.0	9-12
Spanish 3	Spanish 2	1.0	10-12
Spanish 4	Spanish 3	1.0	11-12
Spanish for Native Speakers 1	Placement based on diagnostic test and division head recommendation	1.0	9-12
Spanish for Native Speakers 2	Spanish for Native Speakers 1	1.0	10-12
AP Spanish Language and Culture	Spanish for Native Speakers 2 or Spanish 3	1.0	11-12
AP Spanish Literature and Culture	AP Spanish Language	1.0	11-12
Foreign Language Program (Host/Travel)	Enrollment in Language Level 2 or higher and teacher/division head recommendation	0.25	9-12

French 1 (1.0 credit)

Level: 9-12 Prerequisite: None

French 1 is designed to provide students with foundational linguistic experiences emphasizing the fundamental skills of listening, speaking, reading, and writing in French. Student-centered instructional strategies promote the development of oral language skills. The class is introduced to the culture and daily lifestyles of people of the target language cultures. This course is designed for students with no prior experience in foreign language instruction. Target language is used by the end of the first semester.

French 2 (1.0 credit)

Level: 10-12 Prerequisite: French 1

French 2 curriculum continues to offer rich linguistic experiences emphasizing increased growth in the fundamental skills of listening, speaking, reading, and writing in French. Student centered instructional strategies promote the development of oral language skills with exposure to the culture and daily lifestyles of people of the target language cultures. Target language is used the majority of the class period.

French 3 (1.0 credit)

Level: 11-12 Prerequisite: French 2

French 3 curriculum continues to offer rich linguistic experiences emphasizing increased focused mastery of the fundamental skills of listening, speaking, reading, and writing in French. Student centered instructional strategies demand use of target language oral language skills. Curriculum includes integrated disciplinary literacy skills to understand the culture and daily lifestyles of people of the target language cultures. All class content and discussion are in the target language.

French 4 (1.0 credit)

Level: 11-12 Prerequisite: French 3

French 4 curriculum continues to offer rich linguistic experiences emphasizes a spiraling mastery of the fundamental skills of listening, speaking, reading, and writing in French. Student-centered instructional strategies promote more expansive oral language skills as students can expect to gain a deeper understanding of the culture and history of the target cultures. All class content and discussion are in target language.

German 1 (1.0 credit)

Level: 9-12 Prerequisite: None

German 1 is designed to provide students with foundational linguistic experiences emphasizing the fundamental skills of listening, speaking, reading, and writing in German. Student-centered instructional strategies promote the development of oral language skills. The class is introduced to the culture and daily lifestyles of people of the target language cultures. This course is designed for students with no prior experience in foreign language instruction. Target language is used by the end of the first semester.

German 2 (1.0 credit)

Level: 10-12 Prerequisite: German 1

German 2 curriculum continues to offer rich linguistic experiences emphasizing increased growth in the fundamental skills of listening, speaking, reading, and writing in German. Student centered instructional strategies promote the development of oral language skills with exposure to the culture and daily lifestyles of people of the target language cultures. Target language is used the majority of the class period.

German 3 (1.0 credit)

Level: 11-12 Prerequisite: German 2

German 3 curriculum continues to offer rich linguistic experiences emphasizing increased focused mastery of the fundamental skills of listening, speaking, reading, and writing in German. Student centered instructional strategies demand use of target language oral language skills. Curriculum includes integrated disciplinary literacy skills to understand the culture and daily lifestyles of people of the target language cultures. All class content and discussion are in the target language.

German 4 (1.0 credit)

Level: 11-12 Prerequisite: German 3

German 4 curriculum continues to offer rich linguistic experiences emphasizes a spiraling mastery of the fundamental skills of listening, speaking, reading, and writing in German. Student-centered instructional strategies promote more expansive oral language skills as students can expect to gain a deeper understanding of the culture and history of the target cultures. All class content and discussion are in target language.

Spanish 1 (1.0 credit)

Level: 9-12 Prerequisite: None

Spanish 1 is designed to provide students with foundational linguistic experiences emphasizing the fundamental skills of listening, speaking, reading, and writing in Spanish. Student-centered instructional strategies promote the development of oral language skills. The class is introduced to the culture and daily lifestyles of people of the target language cultures. This course is designed for students with no prior experience in foreign language instruction. Target language is used by the end of the first semester.

Spanish 2 (1.0 credit)

Level: 9-12 Prerequisite: Spanish 1

Spanish 2 curriculum continues to offer rich linguistic experiences emphasizing increased growth in the fundamental skills of listening, speaking, reading, and writing in Spanish. Student centered instructional strategies promote the development of oral language skills with exposure to the culture and daily lifestyles of people of the target language cultures. Target language is used the majority of the class period.

Spanish 3 (1.0 credit)

Level: 10-12 Prerequisite: Spanish 2

Spanish 3 curriculum continues to offer rich linguistic experiences emphasizing increased focused mastery of the fundamental skills of listening, speaking, reading, and writing in Spanish. Student centered instructional strategies demand use of target language oral language skills. Curriculum includes integrated disciplinary literacy skills to understand the culture and daily lifestyles of people of the target language cultures. All class content and discussion are in the target language.

Spanish 4 (1.0 credit)

Level: 11-12 Prerequisite: Spanish 3

Spanish 4 curriculum continues to offer rich linguistic experiences emphasizes a spiraling mastery of the fundamental skills of listening, speaking, reading, and writing in Spanish. Student-centered instructional strategies promote more expansive oral language skills as students can expect to gain a deeper understanding of the culture and history of the target cultures. All class content and discussion are in target language.

Spanish for Native Speakers 1 (1.0 credit)

Level: 9-12 Prerequisite: Placement based on diagnostic test and division head recommendation Spanish for Native Speakers 1 is designed for students with prior proficiency in speaking, understanding, reading and writing in Spanish. Students will read a variety of Spanish literary works for a deeper understanding of their own cultural heritage, while reviewing basic language concepts through oral and written performance-based activities. In this course students will expand their academic vocabulary and improve their ability to read and write in Spanish. The major focus will be on grade-level reading and writing in Spanish. All class content and discussions are in Spanish.

Spanish for Native Speakers 2 (1.0 credit)

Level: 10-12 Prerequisite: Spanish for Native Speakers 1

This course is a continuation of Spanish for Native Speakers 1 and is designed for students with grade level proficiency in speaking, understanding, reading and writing in Spanish. Students will read a variety of Spanish literary works with increased emphasis on language concepts through oral and written performance-based activities. In this course students will continue to expand their academic vocabulary and improve their ability to read and write in Spanish. All class content and discussions are in Spanish.

AP Spanish Language and Culture (1.0 credit)

Level: 11-12 Prerequisite: Spanish for Native Speakers 2 or Spanish 3

This course is comparable to an introductory Spanish Language course at most colleges. Advanced Placement Spanish Language is designed to allow students to move to an advanced level of Spanish in listening, speaking, reading, and writing. Students will be required to use higher levels of thinking and language skills to analyze and synthesize both fiction and non-fiction material. Students can expect to gain a deeper understanding of the history of Spanish cultures, as well as politics and social issues. All class content and discussions are in Spanish. Students will be prepared for and expected to take the AP Spanish Language examination in May.

AP Spanish Literature and Culture (1.0 credit)

Level: 11-12 Prerequisite: AP Spanish Language

This course is comparable to an Introduction to Hispanic Literature and Culture course at most colleges. The overarching aims of the course are to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills, with special attention to critical reading and analytical writing, and to encourage them to reflect on the many voices and cultures included in a rich and diverse body of literature written in Spanish. Emphasis is placed on approaching the study of literature through global, historical and contemporary cultural contexts. The works on the reading list are of literary significance and represent various historical periods, literary movements, genres, geographic areas, and population groups within the Spanish-speaking world. All class content and discussions are in Spanish. Students will be prepared for and expected to take the AP Spanish Language examination in May.

Foreign Language Exchange Programs

Level: 9-12 Prerequisite: Enrollment in Language Level 2 or higher and teacher/division head recommendation

A student who travels to another country or acts as a host in a school-sponsored foreign exchange program may receive one-quarter credit. Course requirements include attending orientation meetings, keeping a journal and vocabulary log, and making a class presentation.