

Harvard High School
Curriculum Guide
2026-2027

Harvard High School

School Administration

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Ms. Elizabeth Benitez - Assistant Principal
Mr. Keaton Durham - Student Support Facilitator
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Dr. Mary Cooke - Assistant Principal of Curriculum & Instruction
Mr. Chris Rozanski - Athletic Director

Division Chairs

Ms. Amy Meza - Business/Career & Technical Education
Mr. Armando Valdes - Art/Music/World Language
Ms. Robert Lush - Special Education
Mr. Jeff Edelman - Mathematics
Mr. Justin Voss - English/Social Studies
Dr. Sara Weaver - Driver's Ed/Health/PE/Science

Student Services

Ms. Amanda Cole - School Counselor for Sophomores
Ms. Brandi Monroe - Social Worker
Ms. Karla Avila - School Counselor for Seniors
Ms. Linda Miceli - School Counselor for Juniors
Ms. Marcia Miller - Administrative Assistant
Ms. Sarah Hengesh - School Counselor for Freshmen
Ms. Vermica Thomas-Ward - Social Worker

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Harvard High School Welcomes You!

June 1, 2026

Dear Students and Parents,

Welcome to Harvard High School (HHS), where our mission is to provide all students with the skills they need to be lifelong learners and productive citizens. This curriculum guide is designed to help students plan programs of study. In addition to being especially useful as students begin their high school education, this guide will also help students select courses throughout grades 9-12 and plan for career choices after graduation.

This curriculum guide contains a listing of courses offered for selection. The courses are described along with the specific prerequisites required for registration. A student will not be denied any course selection based upon color, national origin, ancestry, sex, ethnicity, language, religion, disability, economic status, or social condition, and actual or potential marital or parental status.

Since students may not be able to take all of the courses they desire, they must select courses carefully, keeping their goals, career choices, and personal objectives in mind. Counselors and faculty members will recommend specific courses for students based on potential and past achievement records. HHS believes that students participating in the most rigorous and appropriate courses will be best prepared for post-secondary college and careers.

The complexity of class or course scheduling for a school district this size requires an early and accurate collection of student course requests. Therefore, the recommendation and registration process will begin early in the second semester. The entire HHS staff, administration, and Board of Education wish you a rewarding and successful high school experience!

Sincerely,

Carl Hobbs
Principal

REQUIREMENTS FOR GRADUATION

The CUSD 50 Board of Education has specified certain criteria that must be met for graduation from HHS. **All requirements must be fulfilled prior to participation in graduation ceremonies.**

Graduation Requirements	Total Credit & Participation Requirements
English (4 years: 1 year must include a writing-intensive English course.)	4 Credits
Social Sciences (2 years: Must include 1 year of U.S. History, 1 semester of civics, and a 1 semester elective. Passing score on the IL/US Constitution Exam)	2 Credits
Math (3 years: Algebra I or integrated equivalent (1 year); nonspecified course, including geometry content (1 year); and 1 year additional. Advanced Placement (AP) Computer Science A is eligible.)	3 Credits
Science (Minimum 2 years of laboratory science, biological/physical, and 1 year additional, no content specified.)	3 Credits
Physical Education (3 years)	3 Credits
Health (1 semester)	.5 Credit
Driver Education (1 Semester, HHS or Private)	.5 Credit
Business (1 semester of Consumer Education, 1 business elective)	1 Credit
Art, Music, CTE, World Language (1 year)	1 Credit
Additional Elective Credits (2.5 years)	5 Credits
Completion of Grade Level Seminar	Requirement - 0 Credits
Illinois School Day ACT Exam	Requirement - 0 Credits
FAFSA Completion (Filed with the US Department of Education or file a waiver with the school district or Alternative Application (RISE Act)	Requirement - 0 Credits
TOTAL CREDITS REQUIRED:	**23 Credits**

*Transcripts for transfer students must show evidence of classes equal to those required by HHS before a diploma may be issued.

As part of the requirements in high school and to support the college and career readiness focus, additional requirements have been identified and are described below. It is also the intent of the educational program at HHS that students will progress through the sequences of courses in order and with continuity, especially in core areas.

Beginning with the Class of 2026, students must complete one year of a course that includes instruction in computer/digital literacy, which may be in English, social studies, or any other subject, and may be counted toward the fulfillment of other graduation requirements. Students will also be required to complete a course with one unit of media literacy instruction in one or more course in the curriculum.

HHS addresses the skills of the Computer and Media Literacy Mandate in courses including, but not limited to, English I, English II, Strategies for Success, Computer Business Apps, Consumer Education, Civics, and Health.

Completion of the Free Application for Federal Student Aid (FAFSA) - In an effort to break down barriers to access to higher education, the State of Illinois is requiring all senior families to complete this process as a requirement for graduation. All senior families must complete the FAFSA process, alternative application (RISE Act), or submit a non-participation form.

Completion of a Four-Year Plan - Counselors will meet with every student individually throughout their freshman and sophomore years. Every student will create a four-year high school plan by the end of their 10th grade year in Schoolinks.

Building and Creating a College and Career Resume - based on the importance for all graduating students to be ready for college and career and take advantage of all the opportunities we offer, HHS will be requiring all students to create a college and career resume in Schoolinks.

PORTRAIT OF A GRADUATE

A **Portrait of a Graduate** is a clear, visual statement of the essential skills, attributes, and mindsets we want every Harvard CUSD 50 student to develop by the time they graduate, such as adaptability, communication, empathy, collaboration and critical thinking. It represents our shared hopes and expectations for students' success in college, careers, and life beyond high school. Schools create this with input from students, families, educators, businesses, and community partners so that the vision reflects what our entire community values most for young people and can guide teaching, learning, and district planning moving forward.



Harvard
Community Unit School District 50

PORTRAIT OF A GRADUATE

ADAPTABILITY
- Understands, negotiates, and balances diverse viewpoints and beliefs.
- Demonstrates a flexible and agile mindset prepared for change.
- Responds productively to feedback, praise, setbacks, and criticism.

CONTRIBUTOR
- Acts with integrity while demonstrating personal accountability.
- Actively pursues opportunities to initiate positive change for others.
- Makes meaningful contributions consistent with shared community values.

COLLABORATION
- Leverages the strengths of others to build collective commitment and action.
- Seeks and contributes feedback to achieve collective outcomes.
- Elicits diverse perspectives and values dialogue among others.

CRITICAL LEARNER
- Willing to propose solutions while being mindful of impact and implications.
- Consistently reflects and improves their own thinking by being open to the thoughts of others.
- Critically discerns ideas using rational thought informed by evidence.

COMMUNICATION
- Articulates thoughts and ideas using oral, written, and nonverbal communication forms both in-person and when using technology.
- Listens and speaks effectively in both formal and informal settings.
- Uses communication for a range of purposes to motivate, instruct, and persuade.

EMPATHY
- Demonstrates awareness, sensitivity, concern, respect to connect with others opinions, culture, and experiences.
- Listens and learns from what others are thinking and experiencing.
- Appreciates the value of the experiences and thoughts of those different from themselves.

CUM LAUDE GRADUATE PROGRAM

Harvard High School offers a four-year program that promotes overall student EXCELLENCE called the Cum Laude Graduate Program. Graduates are publicly recognized during their high school graduation ceremony and wear a black and gold cord to represent this achievement.. HHS students graduating with this distinction will have met the following criteria:

HARVARD HIGH SCHOOL CUM LAUDE GRADUATION REQUIREMENTS
Academics - Earn a 2.75 cumulative GPA or higher
Citizenship - No suspensions or conduct violations
Attendance - 95% cumulative attendance Jr & Sr year
Civic Duty - 20 hours Community Service
Rigor - Complete at least 2 capstone or 2 AP courses
Determination - Earn at least 28 credits during your high school career
Engagement - Participate in 1 extracurricular activity, club, or sport per year for 4 years
College/Career - Complete two college or vocational visits

HONORS DESIGNATIONS

HHS graduating seniors shall be recognized for outstanding academic achievement using the following designations and criteria:

- **High Honors:** Students with a cumulative grade point average of 4.00+
- **Honors:** Students with a cumulative grade point average of 3.50 to 3.99

Students will be awarded these designations based on the cumulative grade point average of seven semesters.

HARVARD HIGH SCHOOL



Cum Laude Capstone Courses

Business
Accounting II Honors
Incubator

World Languages
AP Spanish
Spanish IV Honors Dual Credit
American Sign Language II/III

Career and Tech Ed
Commercial Foods I or II
Manufacturing Occupations I or II
CAD II or Architectural Drafting
Woods II/III
Building Trades II/III

Science
Physics Honors
AP Biology
AP Chemistry
Human Anatomy/Physiology Honors

English
English IV
English IV Honors

Social Studies
AP Human Geography
AP US History
Psychology
Sociology II Honors

Art
AP Studio 2D or 3D
Advanced 2D Design
Advanced 3D Design

Music
Symphonic Band
Advanced Choir
Music Theory
Wind Ensemble

Mathematics
AP Calculus
AP Computer Science Principles
AP Computer Science A

Agricultural Science
Biological Science Applications in Agriculture BSAA

MCC/PCCS Classes

AVID 11 & 12

DUO Program Graduates

EARLY GRADUATION

Students may apply for early graduation if they have met all requirements for graduation as established by the Board of Education upon recommendation of the administration, and the laws of Illinois. The selection of the early graduation option means students would not attend the full eight semesters but would attend a minimum of three years (six semesters) and for as many additional semesters as necessary to meet the requirements.

The student must submit applications for the early graduation option before the final semester of attendance. The application form is available from the counselor. It must be completed in a conference with the counselor, with final approval from administration.

Generally speaking, all students are required to attend eight semesters of high school since it allows them to acquire skills, concepts, and understandings of various subject disciplines and mature socially, emotionally, physically, and mentally. For many, high school will be the last opportunity to prepare themselves for the world of work, a post-high school education, and citizenship. Thus, the early graduation option should be chosen only after much thought and deliberation and only by the small number of students whose specific needs can best be met by selecting this option. Early graduates will be able to participate in Prom, senior activities, and graduation, however, they may not participate in extracurricular activities, sports, clubs, competitions, etc…

POST-SECONDARY SCHOOL PLANS

Although HHS offers only one diploma, students may follow different courses of study in order to meet the requirements for graduation. Courses of study include both college preparatory and technical training. Upon entering and throughout the four years of high school, students should carefully consider post-secondary plans. Students' goals may change so it is best to provide some flexibility in selecting courses. The following information provides directions to be considered for the future:

PRE-PLANNED COLLEGE VISITATION OR JOB SHADOWING: Juniors and seniors are allowed two excused absences per year for the purpose of visiting colleges, trade schools, or tech schools. Additionally, a junior or senior student may have one excused absence per year for job shadowing at an approved site. College visitation forms are available in the Student Services office and should be completed and returned at least five days prior to the visit. The verification portion of the form must be returned to the attendance office following the college visit. Job shadowing forms are also available in the counseling office. The guidelines are similar to the college visitation guidelines.

COLLEGE INFORMATION

High school graduation requirements often differ from college admissions requirements. To meet minimum 4-year college admissions requirements, students are advised to plan course selections using the information below. Students considering specific colleges are strongly urged to research that college's course-based admissions requirements. Course rigor and grades are prominent admissions factors with many 4-year colleges.

1. Two important considerations for most colleges and universities in judging applicants for admissions are subjects studied and grades earned. The grades earned will determine grade point average and class rank.

2. Each student who has a particular college or university in mind is urged to learn about the entrance requirements of that college and university early in his or her high school career. Admission requirements vary for each college, university, technical school, art school, or other post high school institution.

3. Because colleges have various entrance requirements, parents/guardians and students should review specific prerequisites in the latest catalog from a specific college/university or at the college/university website. Students planning to enter a four-year college or university (or a community college transfer program) should complete the following minimum course of study:

English	4 Years
Mathematics *(Including Algebra, Geometry, and Advanced Mathematics courses)*	4 Years
Science *(Laboratory Science classes such as Biology, Physical Science, Chemistry, and Physics)*	3 Years
Social Studies *(Emphasizing History and Government)*	3 Years
Modern Languages, Fine and Applied Arts, or Music *(May include one year of Business, Family & Consumer Sciences, or Industrial Technology)*	2 Years

4. Most colleges and universities require entrance examinations. The following is a brief description of the college entrance examinations:

5. ACT: All juniors will take the ACT exam in the spring. The state requires that no student can be identified as a senior until the school day ACT has been completed. HHS will provide an opportunity for students to take the suite of assessments that lead to the ACT. The ACT suite of assessments will gauge college readiness and provide parents, students, and staff with valuable information about each student's skill level with which to make plans for improvement. The ACT consists of exams in English, math, science, reading, and writing. National test dates are offered several times throughout the year at various nearby locations. Spring test dates make juniors eligible for the Illinois State Scholar Competition.

TRANSFER EDUCATION

The students who attend McHenry County College can earn credits that may transfer to a four-year college or university. MCC offers a wide range of programs designed to prepare students for completion of a four-year bachelor's degree.

The Associate of Arts is a two-year degree for students desiring to pursue a bachelor's degree in one of the following areas of study: • Arts and Sciences (General) • Communications • Education • Humanities • Social Science.

The Associate of Science is a two-year degree for students desiring to pursue a bachelor's degree in one of the following areas of study: • Business • Engineering • Pre-Medicine • Natural Sciences • Mathematics.

Classes in these programs parallel those offered in the first two years of a four-year institution. A student formally completing a two-year degree may transfer to a college or university, entering as a junior. For specific information on courses transferable to programs at a specific college or university, students should consult a counselor at MCC.

CAREER and TECHNICAL EDUCATIONAL PROGRAMS at MCC

GENERAL REQUIREMENTS FOR ALL ASSOCIATE OF APPLIED SCIENCE DEGREE PROGRAMS AND CERTIFICATE OF COMPLETION PROGRAMS:

Each program is primarily designed to prepare a student for entry-level employment in the occupation with which the curriculum is associated. These programs can be completed in two years or less, by students who attend full-time.

While designed primarily for direct employment, you can still opt to pursue higher education in these fields. A student, completing an Associate of Applied Science Degree Program and deciding to pursue further study at a four-year college or university, should refer to that institution's catalog for the baccalaureate degree requirements in a particular field of interest. Many institutions have developed "capstone" programs for students who wish to continue studying after completing a career and technical education program at a community college. A counselor at MCC can assist students who desire the necessary information.

Some of the career and technical education programs offered at MCC are focused primarily on skill development and culminate in a Certificate of Completion. Others are designed as degree programs that combine skill development, the acquisition of related theory, and general education. MCC offers many career and technical education degrees and/or certificate programs. For more details, visit MCC's website at https://www.mchenry.edu/.

FINANCIAL AID

What is Financial Aid?
Financial aid is the combination of resources that supplement the amount that parents and students are able to contribute to meet the costs of college education. Financial need is determined by subtracting an estimated family contribution from the total cost of an education.

What various types of Financial Aid are available?
Financial aid comes in various forms that can be categorized as follows:

1. **State and Federal Grants** - For families that qualify financially or for students who achieve high academic standards, these monies are granted and are not "paid back." (PEL Grants, Illinois State Scholarships, MAP Awards)
2. **Federal Loans** - Stafford Loans can be either subsidized or unsubsidized by the Federal Government. When subsidized, students are only responsible for a fraction of the interest rates on such loans.
3. **University Scholarships and Grants** - Monies awarded for academic achievement, leadership, community service, et.al, are awarded by specific universities to qualifying students. Private colleges and universities make significant offers to students as part of the total financial aid package. It is their way of competing with state-supported universities.
4. **Other Scholarships** - Many national, state, and local organizations have scholarship monies available. These are not part of a student's financial aid package from a college. Most applications can be secured from the high school counseling office.
5. **Work Study** - The Federal Government subsidizes work study programs on campuses. This money is paid directly to the student but is counted as part of the financial aid package.

Why is the Free Application for Federal Student Aid (FAFSA) a state graduation requirement?
Beginning with the graduating class of 2021, the state of Illinois has made the FAFSA a graduation requirement. Completing the FAFSA can increase the number of students who are able to further their education beyond high school by breaking down financial barriers. The FAFSA can provide students with financial aid and financial resources that would not be possible without completing the application.

How do we begin the Financial Aid process? By the beginning of the senior year, students should have their college choices narrowed down to a short list of two to six schools. Students should begin the process by contacting these colleges for a list of their scholarships and grants. Check with the counseling office for a listing of available local scholarships. Applications for these scholarships begin arriving in October of each year. Many colleges and universities also have their own financial aid application used to supplement the free Federal form. Be sure to ask. All students, regardless of family finances, must complete a Free Application for Federal Student Aid (FAFSA). This form must be completed online at: http://www.FAFSA.ed.gov and is available beginning October 1st. These forms cannot be completed until after parents complete their income tax forms; however, McHenry County College (MCC) can give you an estimate of your financial aid. It is recommended that tax forms and the FAFSA be submitted as early as possible. Local scholarships are provided through several school organizations as well as community service clubs, civic clubs, and private organizations.Special interest groups such as professional organizations, trade unions, large firms, national associations, religious groups, etc., provide scholarship monies. These scholarships are advertised throughout the year through bulletins from the counseling offices at both campuses. For additional scholarships that may be available, check with employers, clergy, unions or any organizations.

EARN COLLEGE CREDITS at HHS

Although the amount and type can differ among colleges and majors, most 4-year Bachelor's Degrees typically require approximately twelve General Education courses. To help our students and families save time and money, Harvard High School offers multiple ways to earn college credit for General Education courses. Agreements have been made with the following area schools:

Dual Credit: All indicated Dual Credit courses/credits are earned through McHenry County College and are approved as transfer courses via the Illinois Articulation Initiative. All public Illinois 4-year universities must accept indicated courses as transfer credit and most 4-year colleges will accept them as transfer credit.

Advanced Placement Exam: Students can earn college credit by taking Advanced Placement Exams via the College Board. Although scores of 3 are considered to be "passing," some colleges demand higher scores. All public Illinois colleges and universities must grant credit for scores of 3 and higher. We encourage using the College Board's "Credit Policy Search" to research what score is required per exam and per individual college. Additionally, students can take any Advanced Placement Exam, regardless of if HHS offers the corresponding course. Students enrolled in Advanced Placement classes are expected to take the official Advanced Placement exam from the College Board. Students who don't take the exam, won't receive the weighted GPA for the course.

Illinois Seal of Biliteracy: Students demonstrating proficiency in two languages can earn college credit at public Illinois colleges and universities. Each of those institutions determines if credit earned by the Seal of Biliteracy counts as General Education, Humanities, or Elective credit. Private and out-of-state colleges may not grant college credit. Students may be responsible for paying a small course fee established annually by MCC.

CAREER and TECHNICAL EDUCATIONAL PROGRAMS WITH OTHER COMMUNITY COLLEGES

While MCC offers many programs designed to prepare individuals for career employment, it is not possible for the college to offer on its campus every type of program that might be desired by residents of the college district. Therefore, in order to offer to its district residents those programs not available at MCC, joint educational agreements have been made with the following area schools:

- College of Lake County
- Elgin Community College
- Kishwaukee College
- Rock Valley College
- William Rainey Harper College
- Triton College

A current MCC catalog will indicate the numerous courses listed in this joint agreement program.

HHS and MCC partner together to offer students ways to earn college credit while in high school.

DUAL ENROLLMENT

Students completing Dual Enrollment courses receive both HHS high school credit and college credit earned through MCC. College credit may transfer to 4-year colleges/universities, depending on each institution's transfer credit policies. We recommend contacting the admissions offices of 4-year schools a student may be interested in to see if credit transfers to that school. Dual Enrollment courses are offered at MCC's facilities. HHS provides transportation to and from MCC. Students meet at HHS to take the bus. HHS covers the cost of tuition. Students are responsible for the costs of books and/or additional fees. This partnership is known as Partnership for College & Career Success (PCCS).

HHS Course/Credit	MCC Course/Credit
MCC Automotive Technology	AMT 100 Principles of Automotive Technology (4 Credits) AMT 120 Automotive Electricity Fundamentals (4 Credits)
MCC Basic Nurse Assistant (1.0 credit)	NAE 100 Basic Nursing Assistant (7 credits)
MCC Criminal Justice (1.0 credit)	FRS 100 Introduction to Emergency Services (2 credits) EMS 105 First Responder Emergency Aid (3 credits) CJS 101 Introduction to Criminal Justice (3 credits) CJS 290 Topics in Criminal Justice (2 credits)
MCC Early Childhood Education	ECE 219 Early Childhood Science and Math (3 Credits) ECE 214 Early Childhood Art Activities (3 Credits)
MCC Fire Science (1.0 credit)	FRS 100 Introduction to Emergency Services (2 credits) EMS 105 First Responder Emergency Aid (3 credits) FRS 101 Introduction to Fire Science (3 credits) FRS 250 Fire Science Internship (2 credits)
MCC Heating, Ventilation, & Air Conditioning/HVAC (1.0 credit)	HVA 101 Introduction to Refrigeration (4 credits) HVA 114 HVAC Codes (2 credits) HVA 112 EPA Section 608 Certification (2 credits)
MCC Manufacturing & Advanced Technologies	CNC 105 Manual Machining I (3 Credits)

THE DUO PROGRAM

The DUO Program is an early college program that was created through a collaborative partnership between McHenry County College (MCC) and Harvard Community Unit School District 50. The program provides academically-motivated students enrolled in District 50 an opportunity to earn a high school diploma and Associate of Arts degree simultaneously. During student's final two years of high school, students will take a combination of Dual Credit courses offered through District 50 at Harvard High School, and MCC courses offered at the McHenry County College campus. In order to qualify for some of the coursework, students may need to take placement tests in English and Math. The ideal candidate for the DUO Program is a student who has consistently demonstrated a strong commitment to their academics. (2.5+ GPA, 85%+ attendance rate, in good standing (no major discipline infractions). If you have questions about whether or not this is a good fit, students and families are encouraged to meet with their high school counselor. There is an application and interview process that opens in November.

DUAL CREDIT

Students completing Dual Credit courses receive both HHS high school credit and college credit earned through MCC. College credit may transfer to 4-year colleges/universities, depending on each institution's transfer credit policies. We recommend contacting the admissions offices of 4-year schools a student may be interested in to see if credit transfers to that school. Dual Credit courses are offered at HHS and are taught by Dual Credit-credentialed HHS teachers. Students may be responsible to pay a small course fee established annually by MCC.

HHS Course	MCC Course/Credit
Accounting I DC	ACC 110 Basic Accounting (3 credits)
Computer Business Applications DC	CDM 110 Computer Literacy for Windows (3 credits)
English IV Honors DC	ENG 151 Composition I (3 credits) ENG 152 Composition II (3 credits)
IncubatorEDU DC	BUS 160 Intro to Entrepreneurship (3 credits)
Lifetime Fitness DC	KHS 120 (1 credit)
Manufacturing Occupations I DC	IMT 100 Introduction to Manufacturing (3 credits) CNC 105 Manual Machining (3 credits)
Music Appreciation DC	MUS 151 Music Appreciation (3 credits)
Music Theory I DC	MUS 140 Music Theory I (3 Credits) MUS 141 Musicianship I (3 Credits)
Music Theory II DC	MUS 145 Music Theory II (3 Credits) MUS 146 Musicianship II (3 Credits)
Spanish IV Honors DC	SPA 251 Intermediate Spanish I (4 Credits) SPA 252 Intermediate Spanish II (4 credits)
Wind Ensemble DC	MUS 162 Concert Band (3 credits)

DATA-DRIVEN COURSE ENROLLMENT AND PLACEMENT PHILOSOPHY

Harvard High School strives to offer a comprehensive array of college and career pathways and associated courses. Students and parents are encouraged to explore a wide variety of curricular opportunities to determine their interests and strengths that produce future careers. Harvard High School is a “growth mindset” organization and seeks to stretch all students to reach their fullest academic potential. HHS utilizes a data-driven course recommendation and advisement process. Standardized tests, course performance data, common formative assessments, and teacher recommendations are used to guide placement for students into the most rigorous courses appropriate in relation to the skills and abilities of each learner. HHS teachers, counselors, and administrators are skilled, professional practitioners who use all information available to assist in the determination of the most appropriate course selection and placement that will help the students attain their highest levels of achievement. Student interests and parent participation are vital components of this process. While the final determination of student placement rests with the professional educators of Harvard High School, we look forward to working with students and parents to determine the very best course placement for our students.

ACCELERATED PLACEMENT

In accordance with the Illinois Accelerated Placement Act and Board Policy 6:135, HHS may enroll students who meet the following academic standards in honors, advanced placement, or dual credit coursework. Parents will be able to request reevaluation of all placements through the standard level change process. The enrollment, in the following school term, of a student into the next most rigorous level of advanced coursework offered by the high school if the student meets or exceeds State standards in English language arts, mathematics, or science on a State assessment as follows: • A student who meets or exceeds State standards in English language arts shall be automatically enrolled into the next most rigorous level of advanced coursework in English, social studies, humanities, or related subjects. • A student who meets or exceeds State standards in mathematics shall be automatically enrolled into the next most rigorous level of advanced coursework in mathematics. • A student who meets or exceeds State standards in science may be enrolled into the next most rigorous level of advanced coursework in science.” Illinois School Code 105 ILCS 5/2-3.64a-5

PLACEMENT CHANGES

HHS’s enrollment practices encourage students to select courses that are most appropriate for their academic success. Teacher recommendations, student assessment data, parent/guardian input, and counselor conferences are all critical components of this selection process.

Level changes upward may occur at the start of a semester. Moving down in level will occur only when extenuating circumstances in a student's personal life create reasons for a shift or when a student has turned in a preponderance of homework, received extra help frequently from the teacher, and is deemed by the teacher and chair to be academically misplaced with the approval of the administration.
*Changes will only occur subject to seat availability and in coordination with the student’s school team members (i.e., teacher, counselor, Division Chairperson) and must be approved by administration.

GRADE WEIGHTING SYSTEM

COURSE CATEGORIES:

GENERAL - These courses are designed to teach students the concepts and principles of specific subject matter as well as the necessary skills to promote subject mastery. Materials and assignments are appropriate to students' ability levels. These courses carry an unweighted grade point average.

HONORS - Honors courses are designed to prepare students for advanced placement or dual credit coursework. They are for students who show exceptional ability in a specific learning area. These courses will help satisfy the college admission requirements established by the state universities in Illinois. Each honors course shall require rigorous academic work, including specific research, laboratory experimentation, and/or term assignments. These courses carry a weighted grade point average.

DUAL CREDIT/DUAL ENROLLMENT - In partnership with McHenry County College… Successful completion of these courses with a C or better can result in a student receiving college/university credit before beginning his/her freshman year. These courses carry a weighted grade point average.

ADVANCED PLACEMENT (AP) - HHS offers several Advanced Placement courses. Enrollment in these courses prepares a student to take the Advanced Placement exams in the spring. Successful completion of the Advanced Placement Exam can result in a student receiving college/university credit before beginning his/her freshman year. These courses carry a weighted grade point average.

WEIGHTING SCALE

The current grade point average system is divided into two categories: General and Advanced Placement/Honors. The final grade point average (GPA) is a cumulative average based upon 8 semesters of high school work. To determine GPA, use the following scale:

Grade	Advanced Placement/Honors/Dual Credit	General
A+	5.34	4.34
A	5.00	4.00
A-	4.66	3.66
B+	4.34	3.34
B	4.00	3.00
B-	3.66	2.66
C+	3.34	2.24
C	3.00	2.00
C-	2.66	1.66
D+	2.34	1.34
D	2.00	1.00
D-	1.66	0.66
F	0	0

***McHenry County College** uses a different grading scale than Harvard High School, which is listed below. They do not issue a "+" or "-" with their grades. Students enrolled in dual credit programs, will receive a grade and weighted GPA at the high school based on their final percentage at MCC. For example, a student with a final percentage of 98% at MCC would receive an A+ at the high school. If a student received a final percentage of 82% at MCC, they would receive a B- at the high school.

Percentage	Letter Grade
90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
59% and below	F

REQUIREMENTS for "ON-TRACK" GRADE LEVEL STATUS

In order to enable a student to assume responsibility for earning the district's requirements for graduation, a minimum level of credits must be reached to be considered "on track" for graduation.

1. To be considered "On-Track" as a sophomore, a student must have earned 5 total credits.
2. To be considered "On-Track" as a junior, a student must have earned 10 total credits.
3. To be considered "On-Track" as a senior, a student must have earned 15 total credits and must have participated in the school day ACT during their junior year.
4. To graduate, a student must earn 23.0 credits.

If a student is considered "Off-Track," they will be required to develop a plan for recovery with their school counselor and parent. This plan will likely involve required summer school, remediation courses in their schedule, and an elimination of opportunities to take study halls or elective courses. Off-Track students may not be eligible for student privileges until they have caught to be "On-Track".

MINIMUM CREDIT EXPECTATIONS

The following table represents the minimum credits for full-time student enrollment each semester. Any exceptions to these expectations will need to be approved by administration.

Grade Level	Minimum Required Credit Load
Freshmen	6 academic courses + PE
Sophomores	6 academic courses + PE or Health
Juniors	6 academic courses + PE
Seniors	5 academic courses + PE

SCHEDULE CHANGES

Every effort is made on the part of the administration, counselors, teachers, parents, and students to determine the most appropriate courses for students. Courses will be selected that best fulfill the student's needs, interests, and capabilities.

1. Once courses are selected in Schoolinks, the requests are entered into PowerSchool, and class lists are reviewed.
2. The teachers in each department may examine these course requests and make recommendations determined by the student's ability level.
3. Counselor and student will discuss any changes and select appropriate substitute courses where applicable.
4. A master schedule is designed with all student requests placed in PowerSchool, resulting in student schedules.
5. Students with courses in conflict with one another or with courses that cannot be offered due to insufficient enrollments are contacted so appropriate changes can be made.
6. A final schedule is developed over the summer, which the student receives prior to the start of school.
7. Once the final schedule has been printed, schedule changes are strongly discouraged. A student who needs a schedule change for a valid educational reason should request that change from a counselor as soon as possible. No schedule changes or requests for new classes can be made after the fourth day of each semester.

Even though dropping courses is highly discouraged once the semester begins, it is understandable that there are instances when it is in the best interest of the student for a schedule change (course drop, level down, or level up) to occur. This procedure should be executed with the communication and consent of all parties involved: teacher, students, parents, and counselor. No schedule changes or requests for new classes can be made after the fourth day of the first semester or after Winter Break for the second semester. There may be circumstances that warrant a student to be dropped from a course with administrator approval. A student dropped from a class during the first 20 days of the semester will occur without a grade penalty (a "W" withdrawal will be awarded) with administrative approval. From the 21st day on, a "WF" (withdrawal failure) will be issued. Students will be assigned a study hall instead of the class. The grade will be recorded on the report card and transcript and calculated in the Grade Point Average. Students who accumulate 15 or more unexcused absences in a class may be dropped with a grade of "WF" as well.

REPEATING FAILED COURSES REQUIRED FOR GRADUATION

Students who fail a course required for graduation may repeat it during the regular school year. Students may additionally fulfill the credit during summer school or through credit recovery or another approved accredited program. Students must gain the approval of the counselor before enrolling in alternative courses to apply earned credits toward graduation. Credit recovery enrollment during the school year is conditional upon the counselor's recommendation, approval of the administration, and available seats. Students must retake the course in-seat a second time before enrolling in credit recovery courses, unless approved by the counselor and administration. **Students must earn a grade of C or better in summer school or credit recovery courses to receive credit.**

SUMMER SCHOOL

Summer courses are offered to students who wish to make up credits or take enrichment classes. Summer School begins the first week of June Classes typically meet Monday through Thursday from 8:00 AM - 12:30 PM. Program fees and additional course information for credit recovery and enrichment will be included in the Summer School Brochure.

IHSA EXTRACURRICULAR ACTIVITIES: NO PASS/NO PLAY

All Harvard High School students' academic eligibility to participate in athletic extracurricular activities will be determined by the Illinois High School Association (IHSA) as delineated in the IHSA guidelines. Such students shall be required to maintain an equivalent grade point average.

1. Students shall be doing D or better work in at least 2.5 credit hours (five classes) of high school work per semester or be earning the equivalent grade point average.

2. Unless entering high school for the first time, students shall have credit on the school records for 2.5 hours of high school work for the previous semester. Such work shall have been completed in the semester for which a grade is granted or in a recognized summer school program approved by the Board of Education and for which graduation credit is received.

3. Credits earned in community college, college, university, or correspondence courses will be accepted for graduation requirements if approved by the Board of Education.

4. Student ineligibility will start as soon as grades are issued or the day after a performance, whichever is later. Ineligibility will be for the semester.

5. Student eligibility will begin as soon as grades are issued.

MULTI-TIERED SYSTEMS OF SUPPORT

Harvard High School seeks to accelerate the learning of all students. Students who demonstrate a need beyond our universal support may receive more targeted interventions through our Multi-Tiered Systems of Support (MTSS). Supports can include connections to the Student Academice Support Center (SASC), teacher or student tutors, or other targeted academic or SEL supports.

PHYSICAL EDUCATION EXEMPTION POLICY

All students in grades 9 through 12 must take physical education and are not allowed exemptions or waivers except for the following scenarios:

1. The student has a medical waiver. If the medical waiver is temporary, alternative assignments will be provided by the Physical Education instructor. If the medical waiver is permanent, the physical education requirement for graduation will be waived.

2. The student in grade 11 or 12 provides written evidence from an institution of higher education that a specific course not included in existing state or local school minimum graduation standards is required for admission. School district staff must verify that the student's present and proposed schedule will not permit completion of the needed course, because the student is already at the maximum course load.

3. The student in grade 11 or 12 lacks either sufficient course credit or one or more courses required by state statute or local school board policies for graduation. Students who have failed required courses, transferred into the district with deficient credits or lack credits due to other causes will be eligible to apply for this exemption if they are carrying the maximum course load.

4. The student participates in a varsity level sport and receives approval from the Athletic Director. The student must submit the approved documentation to the Student Services Office. The student must return to physical education at the end of that sport's season.

5. Enrollment in an ongoing marching band program for credit. The student must return to physical education when the program ends.

6. Enrollment in a Reserve Officer's Training Corps (ROTC) program sponsored by the District.

HHS COURSES OFFERED GRADES 9-12

Below is a listing of all courses offered, by subject area, at Harvard High School. More detailed course descriptions are outlined on the following pages.

KEY
ST - Standard Course HN - Honors Course DE - Dual Enrollment DC - Dual Credit AP - Advanced Placement * Capstone Course

INDEX TO COURSE DESCRIPTIONS

SCHOOL YEAR AND SEMESTER - Each semester consists of an eighteen-week grading period. During these grading periods, grades will be posted and updates will occur via the district online grade book (PowerSchool Parent Portal).

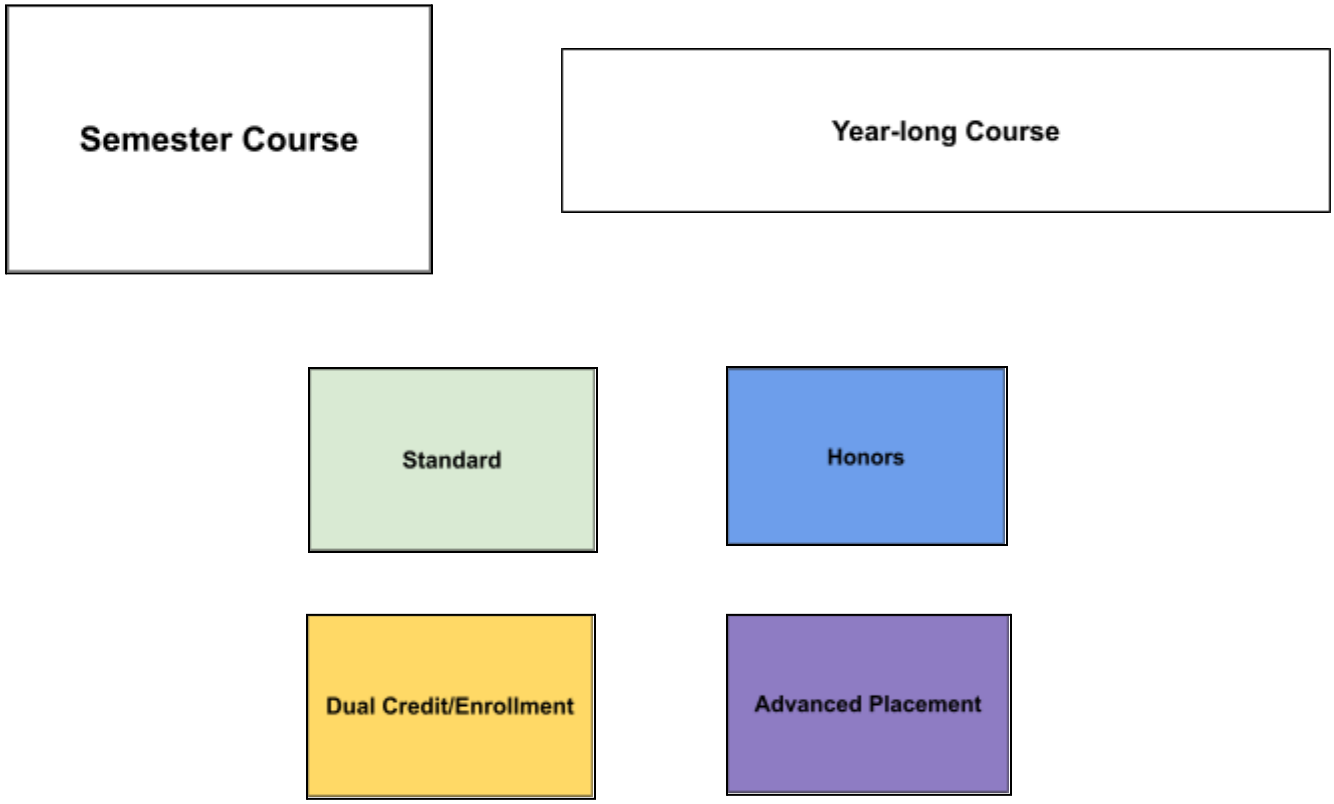
UNIT OF CREDIT - The measure of school credit used at HHS. A student will receive one unit of credit for successfully completing one full year of work in an academic course. For a semester, a student will receive one-half unit of credit.

PREREQUISITE - A requirement that must be met before a student may be permitted to enroll in a course. For example: Spanish I is a prerequisite for Spanish II.

SEQUENCES OF COURSES - Possible courses that a student might take to reach a specific career goal, or courses in a specific HHS curricular area that a student, depending on his or her ability, might take throughout high school. It is the intent of the educational program at HHS, that students will progress through the sequences of courses in order and with continuity, especially in core areas.

INDEPENDENT STUDY AGREEMENTS - are available for students with a sufficient degree of maturity and self-motivation to pursue a non-listed course with a minimum of direct teacher contact time. Please see your counselor for details. Only one credit per year may be obtained by this method and may be applied toward graduation.

With regard to the course sequence charts found on the following pages, this key is used for to represent year-long and semester-long courses:




ART
Nikon

ART - COURSE OFFERINGS

ART				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Advanced Art 2D	HN	10,11,12	2	1
Advanced Art 3D	HN	10,11,12	2	1
AP Studio 2D Design	AP	11,12	2	1
AP Studio 3D Design	AP	11,12	2	1
Ceramics I	ST	9,10,11,12	1	.5
Drawing I	ST	9,10,11,12	1	.5
Fibers and Glass	ST	9,10,11,12	1	.5
Graphic Design	ST	9,10,11,12	1	.5
Intro to Art and Design	ST	9,10,11,12	1	.5
Painting I	ST	9,10,11,12	1	.5
Photography	ST	9,10,11,12	1	.5
Sculpture	ST	9,10,11,12	1	.5

ART Sequence

Introduction to Art*
Grades 9-12
*This semester-long class is a prerequisite to classes in the Art Pathway

2D Art Sequence

Drawing Grades 9-12	**Painting** Grades 9-12	**Photo** Grades 9-12	**Graphic Design** Grades 9-12

Advanced 2D Design
Grades 11-12

AP Studio Art - 2D Design
Grades 11-12

3D Art Sequence

Ceramics Grades 9-12	**Sculpture** Grades 9-12	**Fibers & Glass** Grades 9-12

Advanced 3D Design
Grades 11-12

AP Studio Art - 3D Design
Grades 11-12

ART - COURSE DESCRIPTIONS

INTRO TO ART & DESIGN Grade 9-12 1 Semester - Credits 0.5 Course#: F101
Prerequisite: none

The course, Introduction to Art & Design Concepts, will provide a foundation to art utilizing the Elements and Principles. This course assists students in the development of creative ideas. Students will design and construct both two dimensional and three dimensional artworks. They will examine, analyze, and interpret traditional and contemporary works of art and artifacts. Individual and group experiences will promote problem-solving, creative thinking, and formal expression. Students will learn to adapt and respect other ways of thinking, working and expressing ideas. Students will be exposed to a variety of media including watercolor, colored pencil, wire, printing ink, graphite, tempera paint, fused glass, clay and fibers. The skills and techniques taught become stepping stones for continuing in Drawing, Painting, Graphics, Photography, Ceramics, Sculpture and Fiber Art.

TWO DIMENSIONAL DESIGN

DRAWING Grade 9-12 1 Semester - Credits 0.5 Course#: F205
Prerequisite: Introduction to Art and Design

The Drawing course will develop the student's ability to draw from observation using a wide variety of media and techniques. Students will experiment with still life, self portraits, landscapes and figure drawing. Students will learn to critique artwork, appreciate and model famous art styles, and to sketch for experimentation, practice and development of ideas.

GRAPHIC DESIGN Grade 9-12 1 Semester - Credits 0.5 Course#: F225
Prerequisite: Introduction to Art and Design

In this studio course students learn an understanding of the design process, critical thinking skills, research methodologies and creative ideation as a means of problem-solving and enhancing visual communication. Students learn Adobe Illustrator to design vector images, logos, branding materials, and working with clients to create finished products Brochures/ Business Cards/ T Shirts/ Posters ready for print.

PAINTING Grade 9-12 1 Semester - Credits 0.5 Course#: F210
Prerequisite: Introduction to Art and Design

The Painting course will integrate and build upon students knowledge of color theory, composition and drawing. Students will experiment with ink, watercolor, acrylic and mixed media. Students will learn to critique artwork, appreciate and model famous art styles, and to sketch for experimentation, practice and development of ideas.

PHOTOGRAPHY Grade 9-12 1 Semester - Credits 0.5 Course#: F310

Prerequisite: Introduction to Art and Design

This studio course covers basic concepts and practice of digital photography, including understanding and use of the DSLR camera, lighting, and digital editing (Photoshop). Some photography techniques included are Macro, DOF, Portrait, Narrative, Digital Illustration, Photo montage, and Digital Negatives. The course will cover principles as they relate to composition, space, exposure, light and color. Basic digital manipulations of images will be taught in preparation for creating a photo portfolio of images.

ADVANCED ART 2D Grade 10-12 1 Semester - Credits 0.5 Course#: F300

Prerequisite: Introduction to Art and Design & 1 credit in Drawing, Painting or Graphics

The Advanced Art 2D course is designed for students who want to continue a deeper study of art independently. Students will be required to accomplish four independent projects, keep an art journal recording the development of ideas, conduct research in art history, write a critique on a two dimensional contemporary artist, participate in community outreach and create a portfolio of all high school artwork.

AP STUDIO ART 2D Grade 11,12 2 Semesters - Credits 1.0 Course#: F400/1

Prerequisite: Advanced Art 2D

The AP Studio Art 2D Design Portfolio is a two-semester course in creating a 2D design portfolio at a level of quality appropriate for submission to the College Board for consideration for Advanced Placement credit. As such, the portfolio addresses design issues, and the student should demonstrate his/her understanding of design principles as related to a two-dimensional surface. Students must complete a portfolio of twenty-four pieces of artwork. Pieces will be the student's concentration, and twelve will include the breadth section exploring the elements and principles of 2D design. After a dialogue with the instructor, five pieces will be submitted to the College Board. Students will be required to work on projects outside of class. Research of materials, uses, and exploring artists who create two dimensional works will be required.

THREE DIMENSIONAL DESIGN

CERAMICS Grade 9-12 1 Semester - Credits 0.5 Course#: F200

Prerequisite: Introduction to Art and Design

The Ceramics course will extend student's knowledge of basic concepts in clay. Students will experiment with hand building techniques, coil construction, slab building, fundamental skills on the potter's wheel, and finishing techniques used in pottery. Students will learn to critique artwork, appreciate and model famous art styles, and to sketch for experimentation, practice and development of ideas.

FIBERS and GLASS Grade 9-12 1 Semester - Credits 0.5 Course#: F215
Prerequisite: Introduction to Art and Design

The Fibers and Glass course will combine the tools, techniques and processes in the creation of tactile art. Students will experiment with the creation of art that is designed to be perceived by touch. Some of the media used will be stained glass, glass fusion, weaving, dying, and paper. Students will learn to critique artwork, appreciate and model famous art styles, and to sketch for experimentation, practice and development of ideas.

SCULPTURE Grade 9-12 1 Semester - Credits 0.5 Course#: F220
Prerequisite: Introduction to Art and Design

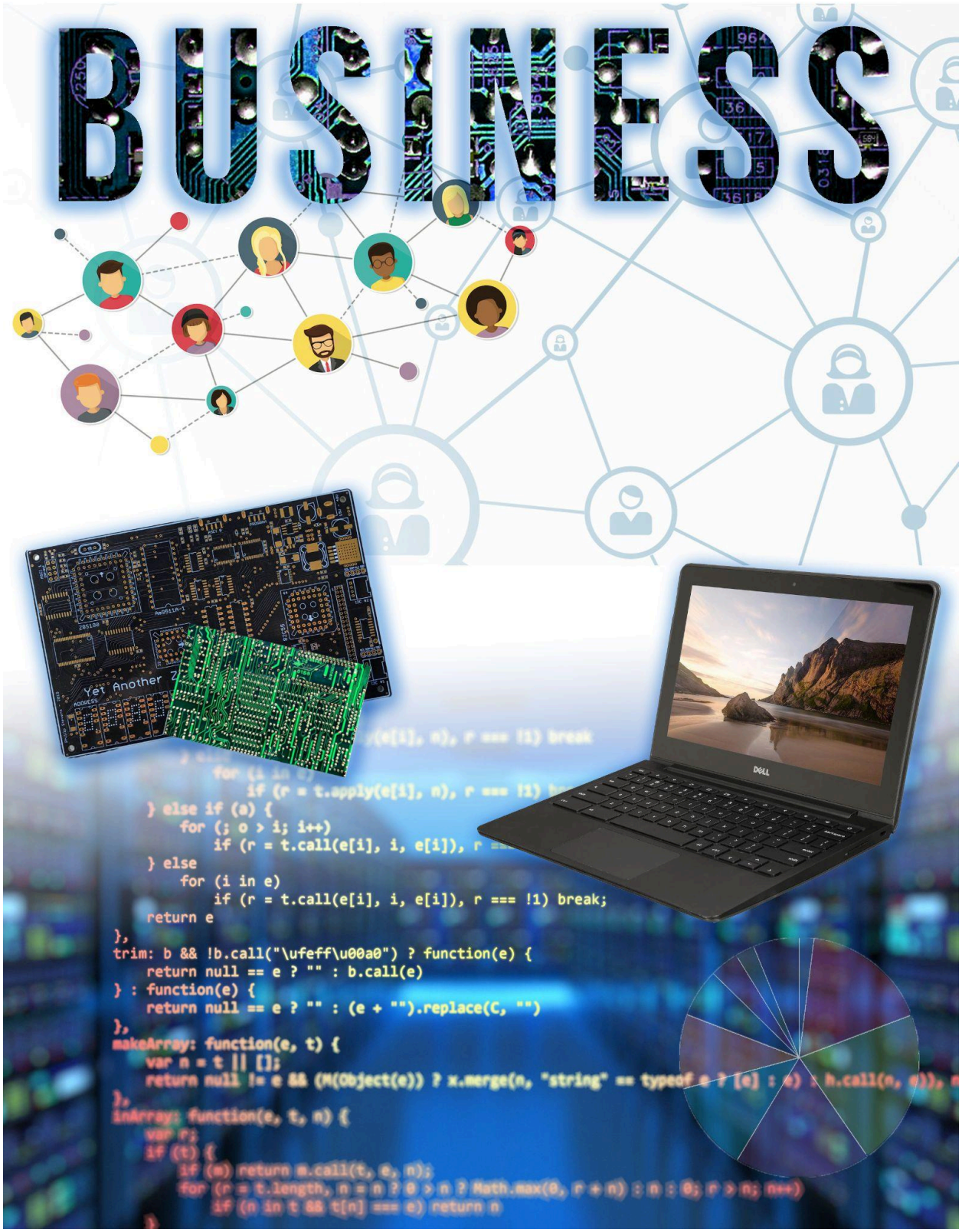
This studio course offers an introduction and experience in developing sculptural work. Hands-on experimentation with several media and differing approaches to three dimensional form are referenced with respect to historical and cultural influences. Students use clay, cardboard, wire, metal, glass, or other materials. We work with various sculpting techniques including carving, assembling, modeling, and casting.

ADVANCED ART 3D Grade 10-12 1 Semester - Credits 0.5 Course#: F305
Prerequisite: Intro to Art and Design & 1 credit in Ceramics/Fibers & Glass/Sculpture

The Advanced Art 3D course is designed for students who want to continue a deeper study of art independently. Students will be required to accomplish four independent projects, keep an art journal recording the development of ideas, conduct research in art history, write a critique on a three dimensional contemporary artist, participate in community outreach and create a portfolio of all high school artwork.

AP STUDIO 3D DESIGN Grade 11,12 Credit 1.0 - 2 Semester Course#: F405/6
Prerequisite: Advanced Art 3D

The AP Studio Art 3D portfolio is a two-semester course in creating a 3D design portfolio at a level of quality appropriate for submission to the College Board for consideration for Advanced Placement credit. As such, the portfolio addresses sculptural issues, and the student should demonstrate his/her understanding of design principles as related to depth and space. Students must complete a portfolio of twenty pieces of artwork. Twelve pieces will be the student's concentration, and eight will include the breadth section exploring the elements and principles of 3D design. After a dialogue with the instructor, five pieces will be submitted to the College Board. Students will be required to work on projects outside of class. Research of materials, uses, and exploring artists who create three-dimensional works will be required.


BUSINESS

BUSINESS - COURSE OFFERINGS

BUSINESS				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Accounting I DC	DC	11,12	2	1
Accounting II Honors	HN	12	2	1
Business Law	ST	10,11,12	1	.5
Computer Business Applications DC	DC	9,10,11,12	1	.5
Consumer Economics	ST	11,12	1	.5
Digital Imaging I	ST	9,10,11,12	1	.5
Digital Imaging II	ST	9,10,11,12	1	.5
Incubatoredu	DC	11,12	2	1
Interrelated Occupations	ST	12	2	3
Intro to Business	ST	9,10,11,12	1	.5
Marketing	ST	10,11,12	1	.5
Multimedia	ST	10,11,12	1	.5
OnTheJob AM/PM	ST	12	1	.5
Workplace Exp	ST	12	1	.5

Business Sequence

	Introduction to Business* Grades 9-12 *This semester-long class is a prerequisite to classes in the Business Pathway	
Computer Business Applications Grades 9-12	Digital Imaging I Grades 9-12	Digital Imaging II Grades 9-12
Business Law Grades 10-12	Multimedia Grades 10-12	Marketing Grades 10-12
	Consumer Economics Grades 11-12	
Accounting I Dual Credit Grades 11-12		
IncubatorEDU Grades 11-12		
Accounting II Honors Grade 12		

Work Program

Interrelated Occupations Grade 12	Workplace Experience Grade 12	On the Job AM/PM Grade 12

BUSINESS - COURSE DESCRIPTIONS

INTRO TO BUSINESS Grade 9-12 Credit .5 - 1 Semester Course#: B100

Prerequisite: None

Intro to Business examines the role of business in our daily lives from the perspectives of the business owner and the consumer. This course is designed to expose the interested student to the many functions of modern business. As a result of completing this course, students will have a better understanding of the problems faced by and the opportunities available to business owners and managers. In addition, soft skills (communication, teamwork, adaptability, etc.) and transferable/hard skills (keyboarding, computer technology, writing, etc.) will be learned. This course will provide a foundation for other business courses and may interest the student in a type of industry he/she may want to explore as a potential career (Finance, Marketing, Accounting, Operations and Management). Suggested follow up courses: Computer Business Applications, Multimedia.com, Marketing, Business Law, and Accounting I.

CONSUMER ECONOMICS Grade 11,12 Credit .5 - 1 Semester Course#: B310

Prerequisite: None

Are you ready to live on your own? Consumer Economics is designed to help you become economically independent. You will see how you fit into a larger economy and learn how to manage your finances. This course is one semester in length and includes the topics required by the State of Illinois. This class will include a basic understanding of economic principles, consumer buying, budgeting, credit, and taxes. Other topics include savings and checking accounts, investing, insurance, social security, and student loans. *Note: Students who are planning to enroll in Interrelated Occupations senior year are strongly discouraged from taking Consumer Economics during their junior year.*

COMPUTER BUSINESS APPS Grade 9-12 Credit .5 - 1 Semester Course#:B105

Prerequisite: None

Get Certified in MS Office and boost your workplace-ready skills. This course is designed for students looking to function at a higher level than “just getting by with the basics.” Students will develop skills in using software for business applications such as word processing, spreadsheets, and databases. Students should have basic typing or keyboarding skills. Computer Business Applications (CBA) is highly recommended for students considering majoring in Business in college or for those seeking an entry-level office job. Students enrolled in CBA may earn dual credit through MCC. Suggested follow-up courses: Multimedia.com and Accounting I.

MULTIMEDIA **Grade 9-12** **Credit .5 - 1 Semester** **Course#: B110**

Prerequisite: None

Words…Images…Audio…Video. How do these isolated words equate to the 21st-century skills needed to compete in our global workplace? Do you want to amaze your teachers and classmates with dazzling multimedia presentations? Do you want to learn how to create your own professional-looking brochures and business cards? This one-semester course is designed to help you become a skilled, creative user of current multimedia technology. Programs taught may include PowerPoint, Publisher, Google Presentations, Photo Story, Prezi, Haiku Deck, and video editing. Tech tools used may include PowerPoint, Google Slides, Publisher, Canva, Prezi, Lucidpress, Piktochart, Stupeflix, and WeVideo. As new tech tools are developed, they will be incorporated into the course. Time and resource management decisions will be practiced on both individual and group projects. *Suggested follow-up courses: Digital Imaging I and II, CBA, and Web Design*

MARKETING **Grade 10-12** **Credit .5 - 1 Semester** **Course#: B305**

Prerequisite: None

The Marketing course introduces students to the dynamic world of marketing and its vital role in business success and consumer decision-making. Students will explore how products and services move from concept to customer through the study of marketing functions and the 4 P's—Product, Price, Place, and Promotion. Through hands-on projects and real-world applications, students will learn to analyze customer needs, define target markets, and develop effective marketing strategies. Throughout the course, students will engage in activities that promote creativity, collaboration, and critical thinking as they apply marketing principles to practical scenarios. They will also gain experience in the selling process, from building customer relationships to closing a sale, preparing them for future careers in business, entrepreneurship, and marketing. Suggested follow-up courses: Digital Imaging I, Business Law, IncubatorEDU, Accounting I

DIGITAL IMAGING I **Grade 9-12** **Credit .5 - 1 Semester** **Course#: B205**

Prerequisite: None

This introductory course explores the fundamentals of digital image creation and editing using Adobe Photoshop and Adobe Illustrator. Students will learn the essentials of photo correction and manipulation, vector illustration, and digital design techniques. Emphasis is placed on developing strong visual compositions through the use of typography, color, and layout. Projects will combine creativity with technical skill, preparing students to produce professional-quality digital artwork for print and web media. Suggested follow-up courses: Digital Imaging II, and Marketing.

DIGITAL IMAGING II **Grade 9-12** **Credit .5 - 1 Semester** **Course#: B206**

Prerequisite: Digital Imaging I

Building on the skills learned in Digital Imaging I, this advanced course focuses on complex design concepts, production techniques, and creative problem-solving using Adobe Photoshop and Illustrator. Students will explore advanced photo compositing, digital painting, branding, and print-ready production workflows. Emphasis is placed on project planning, portfolio development, and real-world design applications. By the end of the course, students will demonstrate mastery in creating cohesive, professional-level digital artwork suitable for both print and digital platforms. Suggested follow-up courses: Multimedia.com, Marketing, and IncubatorEDU

ACCOUNTING I DC **Grade 11,12** **Credit 1.0 - 2 Semester** **Course#: B300DC**

Prerequisite: None

Interested in owning a business? Well, Accounting is one major key to being a successful business owner. Maybe you are looking for an exciting career that has unlimited opportunities, higher earnings, and personal satisfaction. Accounting is your answer; learn the “language of business”. This course will provide students with the manual and computerized accounting skills that are used in today’s business world. Students will complete realistic accounting simulations and perform duties that assist the accountant in recording, sorting, and filing financial data. *Suggested follow-up courses: Accounting II Honors, Business Law, and IncubatorEdu.*

ACCOUNTING II HONORS **Grade 12** **Credit 1.0 - 2 Semester** **Course#: B400H**

Prerequisite: Accounting I

Did you enjoy Accounting I? Are you planning on pursuing a career in Accounting or a related field? Take a second year of accounting! This course will begin with a review of accounting principles and procedures that were covered in the first year of accounting. First semester will then deal with financial accounting. The topics in this area will include depreciation, stocks and bonds, accruals and deferrals, and uncollectible accounts. The second semester will deal with managerial accounting. This will include departmental businesses, multi-store businesses, and special types of sales. A variety of computer applications will be used throughout the year.

BUSINESS LAW **Grade 10-12** **Credit .5 - 1 Semester** **Course#: B200**

Prerequisite: None

Crimes, torts, laws, how do they affect you, business, and the society in which we live? The answer to this question and many more will be answered during Business Law. This course will help you understand the similarities and differences between the civil and the criminal procedures within the American legal system. Students will gain a greater understanding of the laws affecting their daily lives and the business world, become familiar with basic legal terms and processes, and develop an awareness of current legal issues. Suggested follow up courses: Marketing, Accounting (Accounting can be taken junior or senior year), and INCubatoredu

INCUBATOREDU Grade 11, 12 Credit 1 - 2 Semesters Course#: B406/406

Prerequisite: None

The INCubator Entrepreneurship course offers students an authentic, hands-on experience in launching and developing a real startup business. Working in teams, students ideate, design, test, and refine a product or service to solve a real-world problem, need, or want. Guided by volunteer coaches and mentors from the local business community, student entrepreneurs move through the full startup process—from developing a business model to pitching for potential investment at the end-of-year Pitch Event. Throughout the course, students apply the Build–Test–Learn cycle to continuously improve their business ideas, test assumptions, analyze data, and respond to customer feedback. They will gain experience in product development, marketing, finance, and sales while growing their entrepreneurial mindset—learning to embrace curiosity, resilience, and adaptability. By the end of the course, students will have created: a completed Business Model Canvas, competitive and financial analyses, a minimum viable product (MVP), a pitch deck and investment proposal, and a communication and promotional plan.

INTERRELATED OCCUPATIONS/ON THE JOB AM/PM Grade 12 Credits 3 - 2 Semesters Course#: B411/412/413/414/414/416

Prerequisite: 2 courses in one of the following areas: Business, CTE, Consumer & Family, Science, Health Occupations, or Agriculture.

Interrelated Occupations/On the Job is a cooperative education and career exploration partnership between Harvard High School and local employers. Students attend class during the regular school day (*Interrelated Occupations*) and work outside of school (*On the Job*) for academic credit. The goal of the course is to encourage students to become employed in a career path they intend to pursue after graduating from high school or postsecondary training/education. Students may be eligible for late arrival/early release, but it is NOT a requirement for this program. The student, their parent(s)/guardian(s), and employer all must agree upon a set of conditions for acceptance into the program and continued participation throughout the course. The student must have a job prior to the start of the course and remain continuously employed (15-25 hours per week) throughout the two-semester course. Full course details will be explained to participating students and their parents/guardians during an orientation meeting. Students must successfully complete **both** semesters of Interrelated Occupations to meet the State of Illinois Consumer Education graduation requirement. *Note: Students who are planning to enroll in Interrelated Occupations (senior year) are strongly discouraged from taking Consumer Economics during their junior year.* Successful completion of the *On the Job* portion of the class will satisfy the .5 Business Department elective HHS graduation requirement.

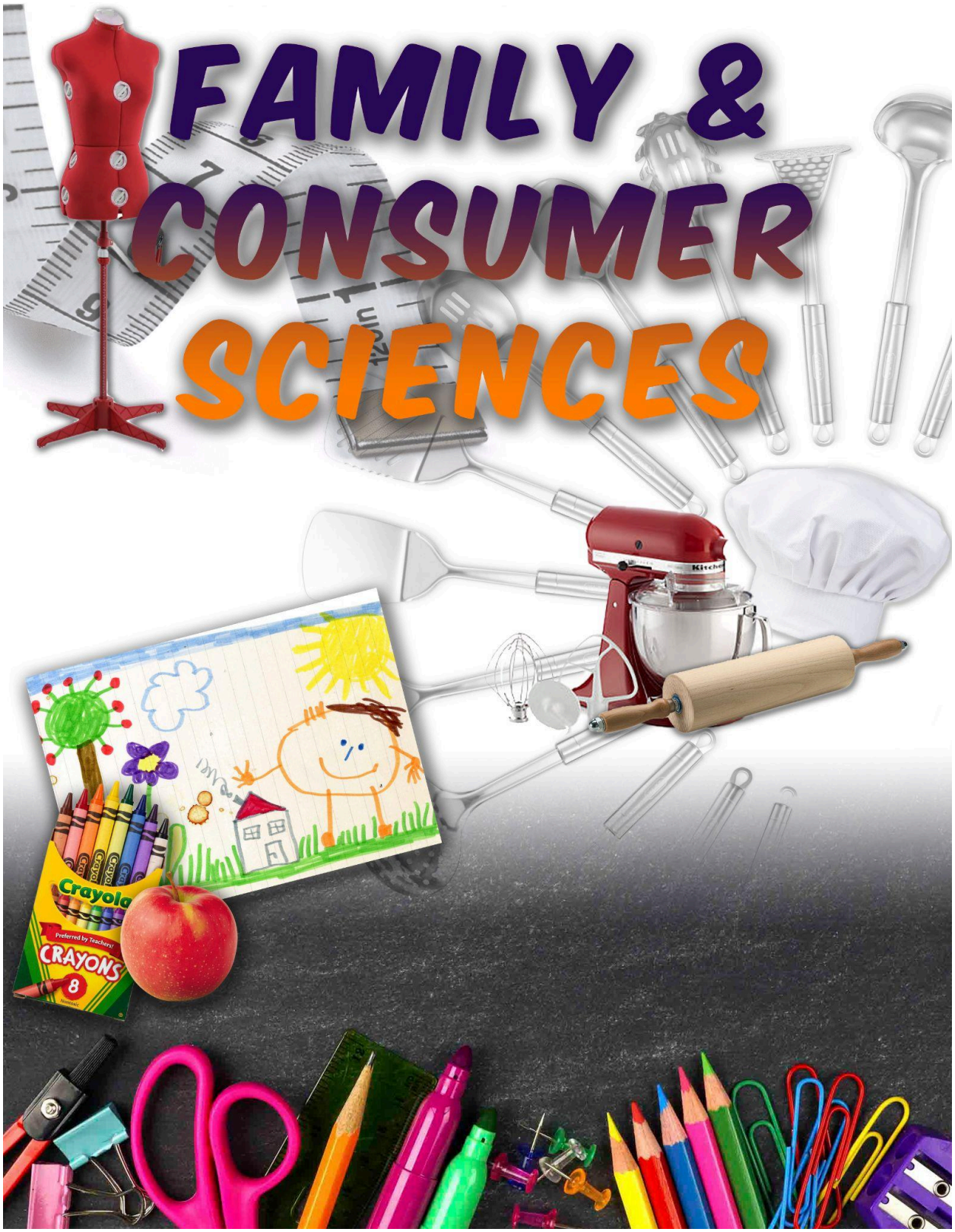
WORKPLACE EXPERIENCE **Grade 12** **Credit .5** **Course#: K410/411**

Prerequisite: None

This course is designed to provide seniors with practical insight and experiences that will help them decide if a particular career is right for them. Students will work side-by-side with professionals for a minimum of 45 hours during the semester in order to experience the day-to-day responsibilities of a specific profession. In addition, this course provides students real life skills and tools necessary for the workplace. A variety of weekly online activities will be required Internship sites may include working in education with a teacher at the junior high or elementary level, working at a hospital, or any other type of career. Students will work with an instructor to set up internships. Students will earn one-half credit each semester. The credit earned from this class counts as a general elective credit.

CAREER & TECHNICAL EDUCATION (CTE) - COURSE OFFERINGS

CAREER AND TECHNICAL EDUCATION				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Child Development	ST	10,11,12	1	.5
Commercial Foods I	ST	10,11,12	1	.5
Commercial Foods II	ST	10,11,12	1	.5
Construction & Building Trades II-III	ST	11,12	1	1
Construction & Building Trades I	ST	10,11,12	1	.5
Drafting I	ST	9,10,11,12	1	.5
Electricity-Electronics	ST	9,10,11,12	1	.5
Foods & Nutrition I	ST	9,10,11,12	1	.5
Foods & Nutrition II	ST	9,10,11,12	1	.5
Industrial Design & Fabrication	ST	10,11,12	2	1
Manufacturing Occupations I DC	DC	11,12	2	1
Manufacturing Occupations II	ST	12	2	1
Metals I	ST	9,10,11,12	1	.5
Parenting	ST	9,10, 11,12	1	.5
Welding I	ST	11,12	1	.5
Woods I	ST	9,10,11,12	1	.5
Woods II	ST	10,11,12	2	1
Woods III	ST	11,12	2	1


FAMILY &
CONSUMER
SCIENCES
Crayola
CRAYONS
8

Culinary Sequence

Foods & Nutrition I **Grades 9-12** ***This class is a prerequisite to classes in the Culinary Pathway**	**Foods & Nutrition II** **Grades 9-12**
Commercial Foods I **Grades 10-12**	**Commercial Foods II** **Grades 10-12**

Early Childhood Education Sequence

Parenting **Grades 9-12**	**Child Development** **Grades 10-12**

CTE - FAMILY & CONSUMER SCIENCE - COURSE DESCRIPTIONS

FOODS & NUTRITION I Grade 9-12 Credit .5 - 1 Semester Course#: C100

Prerequisite: None

Foods and Nutrition I is an introductory course that includes classroom and laboratory experiences intended to develop a knowledge and an understanding of food. Areas of study will include: nutrition, safety, sanitation, use and care of equipment, following recipes, and food preparation. Recipes in the area of cookies, eggs, quick breads, and various desserts will be explored. Students will prepare foods in class with their kitchen group and will be required, at times, to make food for large groups.

FOODS & NUTRITION II Grade 9-12 Credit .5 - 1 Semester Course#: C200

Prerequisite: Foods and Nutrition I

Food and Nutrition II includes classroom and laboratory experiences needed to deepen a knowledge and an understanding of food principles and applied nutrition for people of all ages. Emphasis is given to nutrition, sanitation, safety, use and care of equipment, food purchasing, meal planning, and food preparation in the areas of fruits, vegetables, salads, meats, fish, and poultry. The origin of the foods in the seven main regions of the United States and various countries will also be identified. Students will prepare foods in class with their kitchen group and will be required, at times, to make food for large groups.

COMMERCIAL FOODS I Grade 10-12 Credit .5 - 1 Semester Course#: C300

Prerequisite: Foods and Nutrition II

Commercial Foods I provides students interested in food service with the information and practical experiences needed for the development of job related competencies. The students will be provided with laboratory experiences in preparing and serving food to the public. There is emphasis in the course on safety, sanitation, serving of food by a variety of methods, and food preparation in the areas of appetizers, pastries, cakes, breakfast foods, yeast breads, and pastas . Students will prepare foods in class with their kitchen group and will be required, at times, to make food for large groups.

COMMERCIAL FOODS II Grade 10-12 Credit .5 - 1 Semester Course#: C400

Prerequisite: Commercial Foods I

This course is designed to provide students interested in a career in food service with the information and practical experiences needed for the development of food service job related competencies. The students receive laboratory experiences in preparing food in quantity. Emphasis in this course will be food preparation in the areas of cake decorating, desserts, appetizers, meat and poultry, and soup originally from foreign countries. Students will prepare foods in class with their kitchen group and will be required, at times, to make food for large groups.

CHILD DEVELOPMENT **Grade 10-12** **Credit .5 - 1 Semester** **Course#: C205**

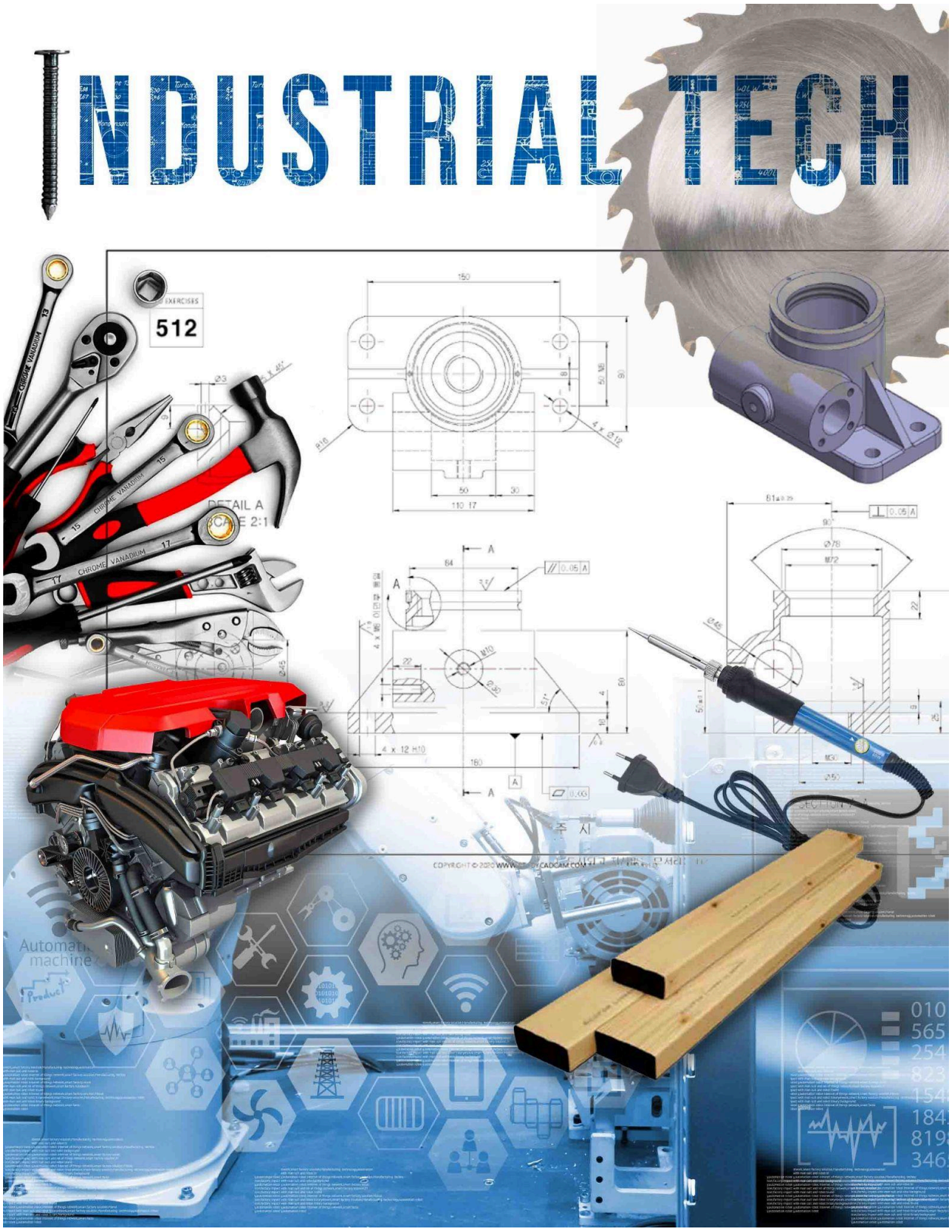
Prerequisite: None

This course is designed to provide learning experiences which will help students gain knowledge and understanding of the intellectual, physical, social and emotional development of children. Techniques for guiding, nurturing, and teaching children will be emphasized. Student observations and laboratory experiences will be a part of this course. Information on careers involving working with children will be incorporated throughout the course. Students will be expected to plan and lead group activities with children at Brown Bear Daycare.

PARENTING **Grade 9-12** **Credit .5 - 1 Semester** **Course#: C105**

Prerequisite: None

Through the use of the RealCare Infant Simulator and the Empathy Pregnancy unit, students in the Parenting course will experience a realistic approach to parenting. Special attention is given to the importance of readiness for parenthood, prenatal development, and to some of the challenges of parenting.


INDUSTRIAL TECH
512

Industrial Tech - Construction Sequence

Drafting **Grades 9-12**	**Woods I** **Grades 9-12**	**Electricity & Electronics** **Grades 9-12**

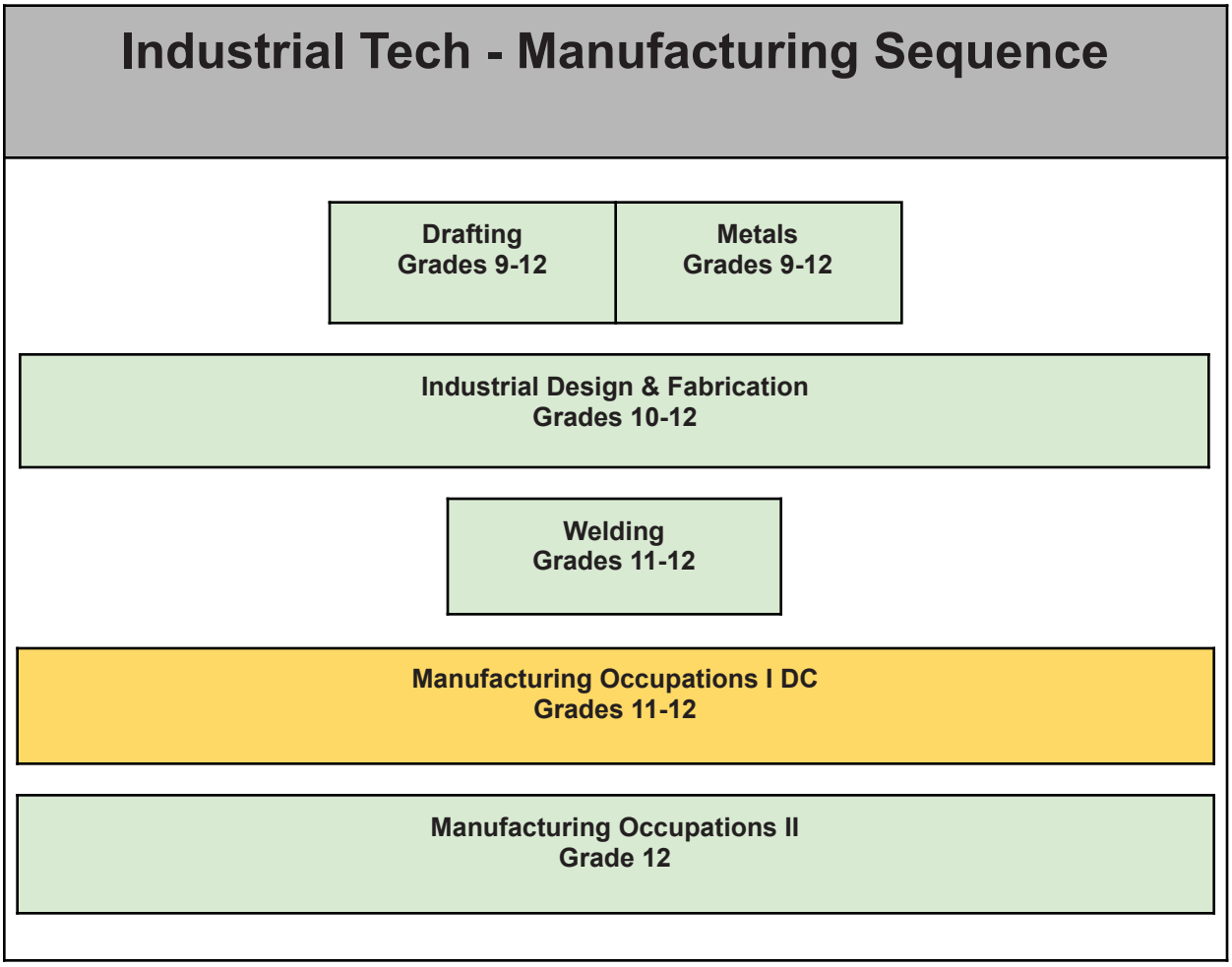
Construction & Building Trades I
Grades 10-12

Woods II
Grades 10-12

Industrial Design & Fabrication
Grades 10-12

Woods III
Grades 11-12

Construction & Building Trades II
Grades 11-12



CTE - INDUSTRIAL TECHNOLOGY - COURSE DESCRIPTIONS

WOODS I **Grade 9-12** **Credit .5 1 Semester** **Course#: T105**

Prerequisite: None

This course is an orientation to safety and occupations related to woodworking, construction and building trades. Students will be exposed to basic woodworking tools, techniques, and materials. Introductory units of study will include: selecting and identifying materials, calculation of materials, cost estimation, creating and following a simple plan of procedure, measuring and layout, safe use of hand/power tools, and surface preparation/finishing. Students will acquire basic skills through hands-on projects and related lab activities. Students may be required to to pay for projects based on size and materials selected.

METALS I **Grade 9-12** **Credit .5 - 1 Semester** **Course#: T210**

Prerequisite: None

This is a hands on, project based introduction to Manufacturing Technology. You will receive instruction on how to safely operate an: engine lathe, vertical mill, precision surface grinder, and vertical and horizontal band saws in addition to smaller electrical machines and hand tools that would be found in any machining/manufacturing shop. Precision measuring tools you will learn how to use include: micrometers, dial calipers. dial indicators, machine digital readouts, and 4-R scales. Machine projects are assigned by the instructor that incorporate the use of all machines and tools listed above. This class is part of the dual credit program offered through McHenry County College. By successfully completing both this class and the Manufacturing Occupations class the next year, you will have earned college credit for the IMT 100 and IMT 105 classes at MCC.

ELECTRICITY & ELECTRONICS I **Grade 9-12** **Credit .5 - 1 Semester** **Course#: T220**

Prerequisite: None

Students taking Electricity/Electronics will learn about Ohm's Law, basic electrical circuits, magnetism, electricity in the home, and the operation of AC and DC. The basics of how to connect and install residential conduit will be covered. Basic circuit components such as resistors, capacitors, inductors, diodes, transistors, and IC computer chips will be introduced. Electronic circuit simulation software is used to apply learned concepts along with various lab assignments.

DRAFTING **Grade 9-12** **Credit .5 - 1 Semester** **Course#: T100**

Prerequisite: None

Drafting is an introductory course in mechanical drawing designed primarily for the student with no previous drafting experience. The course materials are structured to give students a solid background in drafting fundamentals that can be utilized and further developed in future drafting courses. In addition, this course provides a firm foundation for students taking any other course in the Industrial Technology program. This course includes the basic techniques of lettering, geometric constructions, multi-view drawings, techniques of dimensioning, sectional views, auxiliary views, and pictorial drawings. The student will finish this course with the ability to apply drafting and sketching concepts to real life situations.

COMPUTER AIDED DESIGN I **Grade 10-12** **Credit .5 - 1 Semester** **Course#: T200**

Prerequisite: Drafting I

Computer Aided Design and Drafting I introduces students to the operation of a typical computer aided design (CAD) and graphics system. Content includes CAD graphic commands and proper manipulation of CAD software and hardware to produce technical drawings. Emphasis is placed on developing entry-level 2D CAD user skills using the latest version of the AutoCAD software package.

COMPUTER AIDED DESIGN II Grade 10-12 Credit .5 - 1 Semester Course#: T201

Prerequisite: Drafting and CAD I

CAD II introduces students in greater depth to the operation of a typical computer aided design (CAD) and graphics system. Content includes learning additional CAD graphic commands and proper manipulation of CAD software and hardware to produce technical drawings. Emphasis is placed on developing entry-level 2D CAD user skills using the latest version of the AutoCAD software package. Successful completion of this course earns students dual credit with MCC.

ARCHITECTURAL DRAFTING Grade 10-12 Credit .5 - 1 Semester Course#: T400

Prerequisite: Drafting and CAD I

Architectural Drafting introduces students to current technical knowledge and occupational opportunities in the field of architecture. Students will learn to produce architectural drawings that include floor plans, foundation plans, elevations, wall sections, kitchen detail, and other constructions details. Computer-aided drafting (CAD) software will be utilized to create, analyze, and annotate drawings. Successful completion of this course earns students dual credit with MCC.

HOUSING & INTERIOR DESIGN Grade 9-12 Credit .5 - Semesters 1 Course#: T300

Prerequisite: Drafting I

Housing and Interior Design covers theories of interior design, space planning, and material selection. It explores interior design as a profession and the importance of proper planning in residential projects. The course also looks at how interior materials-e.g. lighting, fabric, color, and furniture layout- affect end users. Students research existing interior designs and space plans. Then, they develop their own interior projects using the design principles they have learned to create space plans, material specifications, and presentation boards. Successful completion of this course earns students dual credit with MCC.

WOODS II Grade 10-12 Credit 1 - 2 Semesters Course#: T205/206

Prerequisite: Woods I and Drafting I

Students taking Woods II will have the opportunity to improve and refine skills acquired in Woods I. Students will fabricate various projects requiring knowledge and skills in the following areas: planning and designing, wood technology, calculation of materials and cost estimation, safe practices, wood joinery, glues and clamping, and preparing and applying finishes. Skills and techniques emphasized in this course will aid those who are interested in the furniture and building trades industries. Proper use of hand and power tools and safety techniques are emphasized throughout. Students may be required to to pay for projects based on size and materials selected.

WOODS III **Grade 11,12** **Credit 1 - 2 Semesters** **Course#: T305/306**

Prerequisite: Woods II

Woods III is a course which allows the students to develop a more intricate knowledge of the woodworking industry and expose them to a wide variety of experiences related to the woodworking section of the construction business. Students will design, draw plans, develop a plan of procedure, and construct projects as a group for a variety of clients. They will have the opportunity to learn how to work cooperatively in order to achieve a completed product. Units of study will include more advanced wood technology, tool safety and maintenance, identifying and creating a variety of wood joints, designing and making jigs, and working with clients. Examples of projects include: standardized cabinetry, tables/desks, chairs, and bookcases.

INDUSTRIAL DESIGN & FABRICATION **Grade 10-12** **Credit 1 - 2 Semesters** **Course#: T325/326**

Prerequisite:

This course integrates digital design, computer-aided manufacturing, and hands-on fabrication. Students will move from concept sketches to finished prototypes using CNC technology, laser engraving, and 3D printing, with a strong emphasis on design thinking and craftsmanship. The course bridges traditional woodworking and modern industrial design, exploring multiple materials and fabrication processes.

MANUFACTURING OCCUPATIONS I **Grade 11-12** **Credit 1 - 2 Semesters** **Course#: T320/321**

Prerequisite: Manufacturing Occupations I

Manufacturing Occupations I Class is a year long class that prepares our next generation of Manufacturing Professionals. This is an expanded version of the Machine Tool Technology class that you have previously completed. Students are required to complete projects for the TMA Tooling & Manufacturing Associations Precision Machine Tool competition held each year. In our lab we have three full size Haas CNC machines and eight Haas control simulators for our students to train with. Upon completion of this training and passing the in-person hands-on test you will become a Factory Certified Haas CNC Operator. The in-person hand-on test is given here at Harvard High School. This is a dual credit class option offered through McHenry County College and upon successful completion you will have earned college credit for CNC 105 that is linked to the manufacturing program through McHenry County College.

Welding I **Grade 11,12** **Credit .5 - 1 Semester** **Course#: T310**

Prerequisite: Metals I

Welding is a trade skilled trade that is in high demand. Our welding program offers basic skill training in the areas of: SMAW shielded metal arc welding, GMAW - gas metal arc welding, GTAW - gas tungsten arc welding, RWS - resistance spot welding, plasma arc cutting, and oxy fuel cutting. This is a skilled based class that requires daily hands-on practice to develop each one's skills. Safety training, welding symbol print reading, and the safety use of metal cutting machines are included in this semester class. Personal safety is of major importance in this class so each student is provided with these safety items for their protection: Auto-darkening

welding helmet, safety glasses, leather gloves, and fire resistant safety jacket. This course provides students with instruction in arc and oxyacetylene welding to allow students to develop skills in identifying welding and equipment, learn to use and become proficient in the use of the arc welder and the acetylene welding torch, and learn to weld in off positions, learn to identify and use various electrodes, welding rods, and welding fluxes, and construct a welded project, if other requirements are met.

MANUFACTURING OCCUPATIONS II Grade 12 Credit 1 - 2 Semesters
Course#: T420/421

Prerequisite: Manufacturing Occupations I

Manufacturing Occupations II is a year long class that continues the development and training of the next generation of Manufacturing Professionals. This is an expanded version of the Manufacturing Occupations I Class that you have previously completed. Students are required to complete projects for the TMA Tooling & Manufacturing Associations Precision Machine Tool competition held each year. Duties of this class include but are not limited to: Complex CNC machine set-ups, CNC machine maintenance, work program and/or job shadowing, completion and certification of the Haas CNC Operator Training Program, exit resume for your job, and two letters of recommendation.

CONSTRUCTION & BUILDING TRADES I Grade 10,11 Credit 1 - 2 Semesters
Course#: T215/T216

Prerequisite: Drafting or Concurrent Enrollment in Drafting

Construction and Building Trades I provides the background knowledge necessary to construct a residential home. Topics covered include: excavation, layout, foundation, floor framing, wall framing, roof framing, installation of windows/doors, interior walls, stairs, interior/exterior trim, siding, floor covering, safety procedures, and other elements associated with the construction of a house. Students will be given hands-on experience using the power tools common in the construction trades.

CONSTRUCTION & BUILDING TRADES II/III Grade 11,12 Credit 1 - 2 Semesters
Course#: T315/316

Prerequisite: Construction and Building Trades I

This course is designed for Junior and Senior students who have a definite desire to pursue one of the various types of careers involved in the construction industry. The class will run for 2 consecutive years so that these students may experience as many different phases of construction as possible. Class is two periods in the fall semester and three periods in the spring semester. This class will be worth 2.5 credit hours per year.


ENGLISH

ENGLISH - COURSE OFFERINGS

ENGLISH				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Advanced Creative Writing	HN	11,12	1	.5
Ancient World Lit	ST	11,12	1	.5
Creative Writing	ST	10,11,12	1	.5
English I	ST	9	2	1
English I Honors	HN	9	2	1
English II	ST	10	2	1
English II Honors	HN	10	2	1
English III	ST	11	2	1
English III Honors	HN	11	2	1
English IV	ST	12	2	1
English IV Honors DC	DC	12	2	1
MM Jour I	ST	11	1	.5
MM Jour II	ST	12	2	1
Modern Novel Film	ST	11,12	1	.5
Pre AP Theater	HN	9,10,11,12	2	1
Reading I	ST	9,10,11,12	2	1
Reading II	ST	10,11,12	2	1
Research and Technical Writing	ST	12	2	1
Rhetoric Debate Honors	HN	11,12	1	.5
Science Fiction Fantasy Lit	ST	10,11,12	1	.5
Sports Outdoor Lit	ST	10,11,12	1	.5
Thriller & Romance	ST	11,12	1	.5

	Core	Honors	Dual Credit	Electives
Freshmen	English I Reading I* by teacher recommendation & NWEA MAP Score	English I Honors		Pre-AP Theater
Sophomores	English II Reading II* by teacher recommendation & NWEA MAP Score	English II Honors		Pre-AP Theater Creative Writing Science Fiction/Fantasy Lit Sports & Outdoor Lit
Juniors	English III	English III Honors		Pre-AP Theater Creative Writing Science Fiction/Fantasy Lit Sports & Outdoor Lit Multimedia Journalism I Modern Novel Film Thriller & Romance Rhetoric & Debate Honors
Seniors	English IV		English IV Honors DC	Pre-AP Theater Creative Writing Science Fiction/Fantasy Lit Sports & Outdoor Lit Journalism I Modern Novel Film Thriller & Romance Rhetoric & Debate Honors Multimedia Journalism II

ENGLISH - COURSE DESCRIPTIONS

READING I Grade 9, 10, 11, 12 Credit 1 - 2 Semesters Course#: E105/106

Prerequisite: NWEA Reading MAP Score, Lexile Level, Teacher Recommendation

The focus of Reading I is to provide students with the tools to improve their basic reading skills, promote a positive attitude toward reading and improve vocabulary skills. By the end of the course, students will have learned how to use a variety of reading strategies to improve their skills in reading of both fiction and, primarily, nonfiction texts.

READING II Grade 10, 11, 12 Credit 1 - 2 Semesters Course#: E205/206

Prerequisite: NWEA Reading MAP Score, Lexile Level, Teacher Recommendation

The focus of Reading II is to provide students with a deeper understanding of how to use the tools they've acquired to improve their basic reading skills, deepen their positive attitude, and continue to improve vocabulary skills. By the end of the course, students will have learned how to use a variety of reading strategies to improve their skills in reading of non-fiction as well as fiction reading materials.

ENGLISH I Grade 9 Credit 1 - 2 Semesters Course#: E100/101

Prerequisite: None ***Honors English Option**

English I, a foundational course required of all freshmen, focuses on developing fundamental skills in literature, composition, vocabulary building, grammar, and research. Writing styles covered include expository, argumentative, and research writing using MLA format. Interested in taking this course for honors credit? See the English I Honors description.

English I Honors focuses on developing fundamental skills in literature, composition, vocabulary building, grammar, and research. Additionally, students will enhance their reading and writing stamina through various skills-focused projects, paired texts, deeper analysis of literature, and student-led Socratic Seminars. Due to the rigor of the class, students will be expected to complete work both in and outside of class. Students must maintain a B or higher in class at all times.

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ENGLISH II Grade 10 Credit 1 - 2 Semesters Course#: E200/201

Prerequisite: English I ***Honors English Option**

English II is a course required of all sophomores. The course is developed around world literature about which students will read, write, speak, and think. Students will review skills and concepts taught in English I, and focus on new skills in oral communication and writing. Interested in taking this course for honors credit? See the English II Honors description.

English II Honors: Like English II, this course will focus on World Literature; however, students will complete a deeper analysis of their readings. Additionally, students will work with paired texts, lead Socratic Seminars, and develop their analytical writing skills throughout the year. Students must maintain a B or higher in class at all times.

ENGLISH III **Grade 11** **Credit 1 - 2 Semesters** **Course#: E300/301**

Prerequisite: English II ***Honors English Option**

English III is a two-semester course that includes both a survey of major American writers representing significant literary movements of the United States and preparation for the college entrance exams. The literature studied in the course serves as a basis for writing. Practice writing includes narrative, argumentative, expository, and research. Interested in taking this course for honors credit? See the English III Honors description.

English III Honors is a two-semester course that includes both a survey of major American writers representing significant literary movements of the United States and preparation for the college entrance exams. The literature studied in the course serves as a basis for writing. Practice writing includes narrative, argumentative, expository, and research. Additionally, students will complete a deeper analysis of their readings, work with paired texts, lead Socratic Seminars, and develop their analytical writing skills throughout the year. Students must maintain a B or higher in class at all times.

ENGLISH IV **Grade 12** **Credit 1 - 2 Semesters** **Course#: E400/401**

Prerequisite: English III

This course is designed to prepare students for college, especially college reading and writing. Works of major authors of British literature, as well as British history and culture, are studied throughout the course. Vocabulary and composition skills are developed.

ENGLISH IV HONORS DC **Grade 12** **Credit 1 - 2 Semesters** **Course#: E400H/401H**

Prerequisite: English III; ACT score as determined by MCC or MCC placement test.

This course is designed to prepare students for the rigorous academic work of college, especially in literature and composition classes. Two authors of nineteenth-century literature are studied throughout the course. Vocabulary and composition skills are developed. A first semester grade of C or above must be earned in order to continue second semester at the honors level. This course will provide college credit through MCC at no charge to the student, but students need to request a transcript from MCC upon course completion. *Weighted grade

PRE-AP THEATER **Grade 9,10,11,12** **Credit 1 - 2 Semesters** **Course#: E120/E121**

Prerequisite: None

Pre-AP Theater is an elective course that prepares students for future AP classes through the lens of Theater. The course focuses on the development of analysis skills through performance projects, specifically looking at the role of director, dramaturg, designer, and actor through the study of anchor works. Students will look at sources, structures, and iterations of modern musical theater.

MULTIMEDIA JOURNALISM Grade 11 Credit .5 - 1 Semester Course#: E310

Prerequisite: English III or Concurrent Enrollment in English III

Multi-media Journalism I covers the background of journalism in America, fundamentals of reporting and editing in the print medium, and the basics of broadcast journalism. Students will also learn the basics of media literacy and how to evaluate different news sources. Later in the semester, students will have the opportunity to write an article that is featured in the school newspaper which MMJ II students write. This course is only offered in the spring semester.

MULTIMEDIA JOURNALISM II Grade 12 Credit 1 - 2 Semester Course#: E405/406

Prerequisite: Multimedia Journalism I

Multi-media Journalism II students develop leadership talents and hone print and broadcast journalism skills learned in MMJI. Responsibilities include planning, production, and marketing of the school newspaper, and coordination of many Harvard High School video productions. Students are entrusted with privileges that allow them to report on and promote the student body and school activities and events.

MODERN NOVEL/FILM Grade 11,12 Credit .5 - 1 Semester Course#: E315

Prerequisite: English II

This course is designed to examine movies of the twentieth century. Students will gain knowledge in the technological, historical, thematic, and social aspects of film, especially in its relationship to literature. Students will begin to think critically about the mass media. The novels and films selected represent a variety of artistic categories, viewpoints, and techniques, as well as different levels of difficulty. In order to take this course, students must have their parent or guardian read the syllabus and agree to it.

RHETORIC & DEBATE HONORS Grade 11,12 Credit .5 - 1 Semester Course#: E325H

Prerequisite: English II

This course is for students desiring a stronger background in public speaking and an introduction to formal debate. This course focuses on speaking experiences, critical analysis of speeches, and the historical foundations, and development of rhetoric and debate.

CREATIVE WRITING Grade 10,11,12 Credit .5 - 1 Semester Course#: E210

Prerequisite: English I

Creative Writing is a writing intensive English elective worth .5 English credits. In order to examine the art of creative writing, students will initially explore examples of work from existing authors of various literary genres, including fiction, poetry, and creative nonfiction. After reading and analyzing these forms, students will create their own works through the writing process. Final pieces of the students' choosing will be prepared for possible publication.

ADVANCED CREATIVE WRITING Grade 11,12 Credit .5 - 1 Semester Course#: E210

Prerequisite: Creative Writing

Advanced Creative Writing is a writing intensive English elective writing course worth .5 English credits. This course expands upon the writing and analytical skills obtained in Creative Writing as students analyze more complex literary examples from prominent authors in various literary genres. Students will then create their own projects in fiction, drama, and poetry through a process of editing and revision for eventual publication. This class will also produce the Harvard High School Literary Magazine.

SPORTS & OUTDOOR LITERATURE Grade 10, 11, 12 Credit .5 - 1 Semester Course#: E220

Prerequisite: English I

This one semester course will explore sports and the outdoors in various ways and through various mediums and activities. The arena of team and individual sports and athletic achievements, field sports, and nature's impact will be examined in novels, historical accounts, short videos, major films, photography, poetry, and through several sports news websites. Reading, writing, vocabulary, and class presentation are critical educational components of SOL.

SCIENCE FICTION & FANTASY LITERATURE Grade 10, 11, 12 Credit .5 - 1 Semester Course#: E215

Prerequisite: English I

In this one-semester course, students will explore the genres of science fiction and fantasy literature including early to modern works. Through reading, writing, and critical viewing students will develop an appreciation for, and understanding of the themes and audience following particular to these genres of literature.

ANCIENT & WORLD LITERATURE Grade 11, 12 Credit .5 - 1 Semester Course#: E320

Prerequisite: English I, II, III or currently in English III

In this course, students will be exposed to the earliest foundations of modern literature. Through reading, writing, and critical viewing, they will explore and develop an appreciation for both the diversity and universality of literature from around the world.

THRILLER & ROMANCE Grade 11,12 Credit .5 - 1 Semester Course#: E216

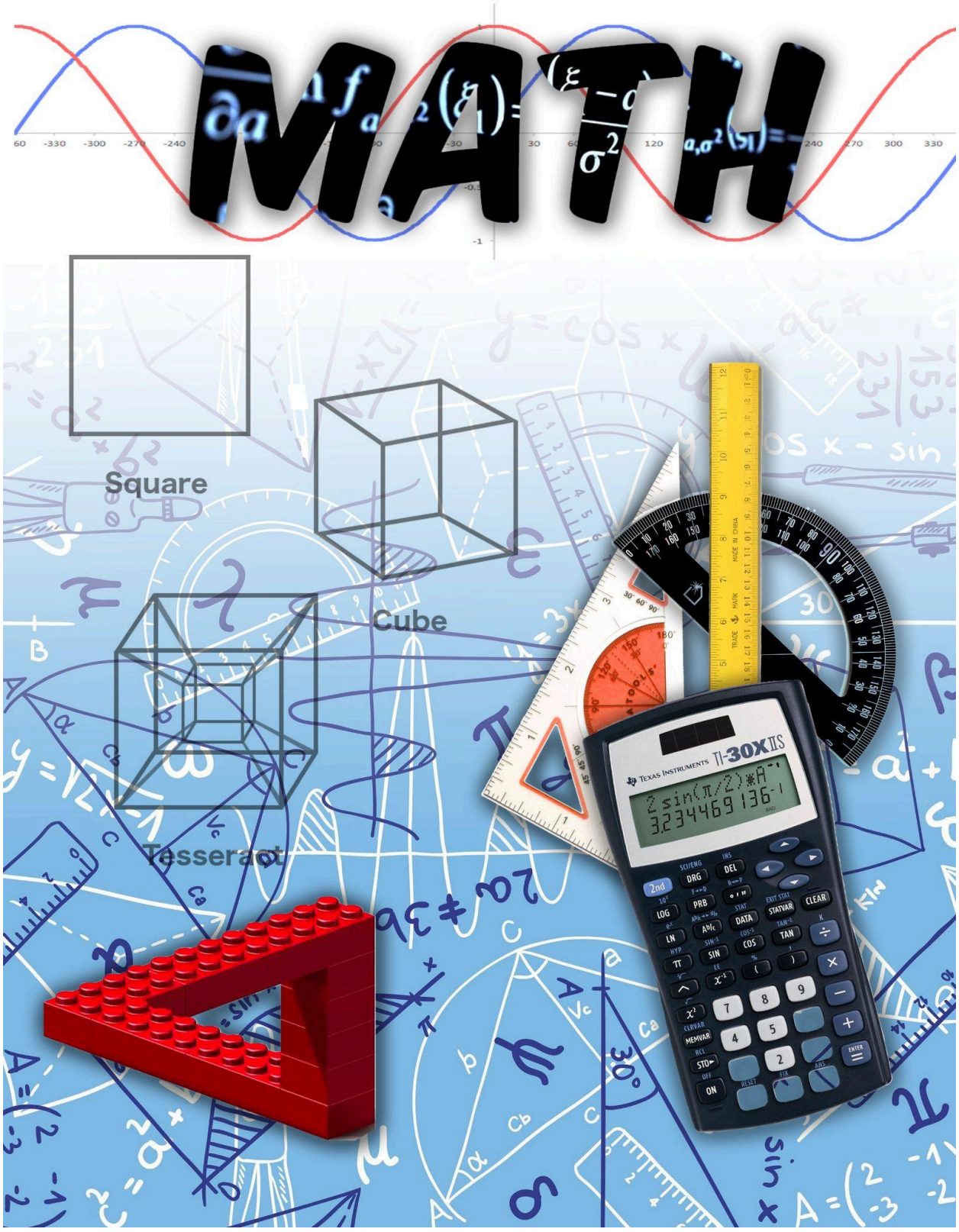
Prerequisite: English I, II

This one-semester elective course is designed for those who love both suspense and romance stories. Students will explore both genres through the lens of three different novels: one romance, one suspense/thriller, and one romance/thriller. Students will study themes and tropes specific to each genre and analyze their connection. Given the mature subject matter, this course is reserved for upperclassmen who have passed both English I and II for a B or higher.

RESEARCH & TECHNICAL WRITING **Grade 11,12** **Credit .5 - 1 Semester**
Course#: E410

Prerequisite: English I, II

Jump start your career writing, vocabulary, and communication skills. RTW is a one-semester English Elective course intended for college-bound seniors or seniors who will be seeking a position in a professional capacity after graduation. This AVID-friendly course is largely writing focused, and students will acquire skills which will make them effective communicators in a professional or collegiate setting. AVID strategies will be employed with the goal of supporting all students. Technical writing, professional communication skills, rigorous academic vocabulary, and analysis of informational texts will be studied. This course builds upon the foundation of research skills acquired in previous English coursework, and students will be evaluating sources of information and media for bias, credibility, and accuracy. As a component of advanced research practice, students will understand how accurate interpretation of data, information literacy, and responsible digital citizenship will help them become informed and productive members of their college campus or professional environment.


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MATHEMATICS - COURSE OFFERINGS

MATHEMATICS				
Course Offerings	**Course Type**	**Grades(s)**	**SEM**	**Credit**
Algebra I	ST	9	2	1
Algebra I Honors	HN	9	2	1
Algebra II	ST	10,11,12	2	1
Algebra II Honors	HN	9,10,11,12	2	1
AP Calculus AB	AP	11,12	2	1
AP Computer Science A	AP	11,12	2	1
AP Computer Science Principles	AP	9,10,11,12	2	1
AP Statistics	AP	11,12	2	1
Geometry	ST	10	2	1
Geometry Honors	HN	9	2	1
Intermediate Algebra	ST	11,12	2	1
Pre-Calculus-Trig Honors	HN	11,12	2	1
Technical Math	ST	11,12	2	1
Transition College Math	ST	12	2	1

	Core	Honors	Advanced Placement	Electives
Freshmen	Algebra I	Algebra I Honors Geometry Honors Algebra II Honors	AP Computer Science Principles	
Sophomores	Geometry	Geometry Honors Algebra II Honors	AP Computer Science Principles	
Juniors	Intermediate Algebra II Algebra II	Algebra II Honors Pre-Calculus-Trig Honors	AP Computer Science Principles AP Computer Science A AP Statistics AP Calculus AB	
Seniors	Intermediate Algebra II Algebra II Transition to College Math Technical Math	Algebra II Honors Pre-Calculus-Trig Honors	AP Computer Science Principles AP Computer Science A AP Statistics AP Calculus AB	

MATHEMATICS - COURSE DESCRIPTIONS

ALGEBRA I **Grade 9** **Credit 1 - 2 Semesters** **Course#: M100/101**

Prerequisite: Math Placement

Algebra 1 is devoted to the study of the number system. Topics studied include: solving equations with variables and exponents, factoring polynomials, and graphing equations and linear functions. *HONORS option.

GEOMETRY **Grade 10** **Credit 1 - 2 Semesters** **Course#: M200/201**

Prerequisite: Algebra I

Geometry is devoted to the study of two and three-dimensional figures and their applications. Students learn these concepts through projects, hands-on activities, and lecture presentations.

GEOMETRY HONORS **Grade 9** **Credit 1 - 2 Semesters** **Course#: M200H/201H**

Prerequisite: Algebra I in 8th Grade

Honors Geometry is devoted to the study of the development and the application of two-dimensional and three-dimensional figures. This course covers much of the same material as a regular geometry course but in more detail and depth.

INTERMEDIATE ALGEBRA **Grade 11,12** **Credit 1 - 2 Semesters** **Course#: M110/111**

Prerequisite: Algebra I and Geometry

This course is designed to provide continued work with algebraic concepts. The content includes formulas, equations, graphing, and factoring. Placement is only available through staff recommendation.

ALGEBRA II **Grade 10-12** **Credit 1 - 2 Semesters** **Course#: M300/301**

Prerequisite: Algebra I & Geometry

Algebra 2 extends the basic knowledge of Algebra 1 into new areas, which include: rational expressions and equations, exponents, roots, complex numbers, quadratic functions, transformations, exponential equations, and logarithms.

ALGEBRA II HONORS **Grade 9-12** **Credit 1 - 2 Semesters** **Course#: M300H/301H**

Prerequisite: Algebra I & Geometry

Algebra II Honors is devoted to the study of rational expressions and equations, exponents, roots, complex numbers, quadratic functions, transformations, exponential equations, and logarithms. This course covers much of the same material as a regular Algebra 2 course but in more detail and depth. The use of the graphing calculator is emphasized and serves an important tool in the completion of various algebraic problems. *Weighted grade.

TRANSITION TO COLLEGE MATH **Grade 12** **Credit 1 - 2 Semesters**
Course#: M315/316

Prerequisite: 3 years of Math courses; Algebra I, Geometry, & 3rd year

Transition to College Math is a course aligned with MAT 095 and MAT 099 at McHenry County College. Students enrolled in this course have a desire to continue their learning at a college level after graduation. The course has an emphasis on the understanding of functions and how functions naturally arise through authentic modeling situations. Students will create and test mathematical models to incorporate the necessary algebraic skills in these contexts. This course is designed to prepare students for college and career readiness. Students earn articulated placement in College Algebra MAT 160/161 at McHenry County College if they maintain at least a C- or better both semesters.

PRE-CALCULUS & TRIGONOMETRY HONORS **Grade 11,12** **Credit 1 - 2 Semesters**
Course#: M400/401

Prerequisite: Algebra II

Pre-calculus with Trigonometry Honors will cover topics which include: optimization and rate of change, as well as, various functions (linear, quadratic, polynomial, rational, exponential, logarithmic, inequalities, and absolute value) and their graphs. Students will learn to solve these functions both algebraically and graphically. Trigonometric functions, the identities and laws, will be studied extensively in the 2nd semester. The graphing calculator is used extensively throughout the course. * Weighted grade.

AP CALCULUS AB **Grade 11,12** **Credit 1 - 2 Semesters** **Course#: M410AP/411AP**

Prerequisite: Pre-calculus with Trigonometry Honors

This course covers both differential and integral calculus. Topics of study: limits, continuity, tangent lines, rates of change, differentiation rules, related rates, extreme values, maximums, minimums, optimization, asymptotes, dominant terms, area between curves, and integration rules. The graphing calculator is used extensively throughout the course; therefore, it is required that the students have their own graphing calculator. Students who enroll in this course are required to pay for and take the Advanced Placement Exam in May. *Weighted grade.

AP STATISTICS **Grade 11,12** **Credit 1 - 2 Semesters** **Course#: M420AP/421AP**

Prerequisite: Algebra II

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding. Students who enroll in this course are expected to pay for and take the AP Statistics Exam in May. Weighted grade.

AP COMPUTER SCIENCE PRINCIPLES **Grade 11,12** **Credit 1 - 2 Semesters**
Course#: M210AP/211AP

Prerequisite: Algebra I

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. Students who enroll in this course are expected to pay for and take the AP Computer Science Principles Exam in May. Weighted grade.

AP COMPUTER SCIENCE A **Grade 11,12** **Credit 1 - 2 Semesters**
Course#: M415AP/416AP

Prerequisite: Algebra II or concurrent enrollment

AP Computer Science teaches students to design, implement, and analyze solutions to problems that arise in everyday life - with computers! Students will learn the Java language (the most used computer language in the world) and apply it to write, run, test, and debug solutions in the world. Students who enroll in this course are expected to pay for and take the AP Computer Science A Exam in May. Weighted grade.

TECHNICAL MATH **Grade 11,12** **Credit 1 - 2 Semesters** **Course#: M320/321**

Prerequisite: Geometry

Technical Math emphasizes the application of mathematics within career settings and features a problem-solving learning environment. Careers may include, but are not limited to: Food Service Industry, Health Sciences, Human and Public Services, Trades and Manufacturing.


MUSIC

MUSIC - COURSE OFFERINGS

MUSIC				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Advanced Choir	ST	10,11,12	2	1
Concert Band	ST	9,10,11,12	2	1
Concert Choir	ST	9,10,11,12	2	1
Guitar I & II	ST	9,10,11,12	1	.5
Instrument Repair	ST	11,12	2	1
Jazz Band I & II*	ST	10,11,12	2	1
Music Appreciation DC	DC	10,11,12	2	1
Music Theory I DC	DC	10,11,12	2	1
Music Theory II DC	DC	10,11,12	2	1
Piano I & II	ST	9,10,11,12	1	.5
Symphonic Band	ST	10,11,12	2	1
Vocal Ensemble I & II*	ST	9,10,11,12	2	1
Wind Ensemble DC	DC	11,12	2	1

***Jazz Band Ensemble and Vocal Ensemble meet from 7:15 am to 7:55 am.**

	Choir	Band	Non-Performance Electives & Dual Credit	Extracurricular (outside the school day)
Freshmen, Sophomores, Juniors, & Seniors	Concert Choir	Concert Band	Guitar I & II Piano I & II	Vocal Ensemble Jazz Band
Sophomores, Juniors, & Seniors	Advanced Choir	Symphonic Band	Music Appreciation DC Music Theory I & II DC	
Juniors & Seniors			Instrument Repair Wind Ensemble DC	

MUSIC - COURSE DESCRIPTIONS

CONCERT BAND Grade 9-12 Credit 1 - 2 Semesters Course#: U100/101

Prerequisite: Successful completion of junior high band or director approval.

Any student is eligible to participate. The concert band aims to develop understanding and appreciation of the musical art form through the performance of quality band literature. Students will have not only the aesthetic experience of making music, but also the rewards intrinsic to any type of performance. In addition to the study of band literature students will learn major and chromatic scales, arpeggios, rhythmic exercises, and sight-reading. Concert Band occupies a unique "co-curricular" status in that classroom experience and outside school activities are mixed and inseparable. An active performance schedule is maintained which includes concerts, contests, athletic events, and parades. All band members are required to participate in Hornet Marching Band and Pep Band. Students will be graded on positive individual and group participation. Students enrolling in the program must enroll for an entire year or receive the consent of the instructor to drop/add the class. Note: This course can be taken multiple times.

SYMPHONIC BAND Grade 10-12 Credit 1- 2 Semesters Course#: U200/201

Prerequisite: Successful completion of all high school concert band or junior high wind ensemble standards.

The symphonic band aims to develop understanding and appreciation of the musical art form through the performance of quality band literature. Students will have not only the aesthetic experience of making music, but also the rewards intrinsic to any type of performance. In addition to the study of band literature students will learn major, minor and chromatic scales, arpeggios, rhythmic exercises, and sight-reading. Band occupies a unique "co-curricular" status in that classroom experience and outside school activities are mixed and inseparable. An active performance schedule is maintained which includes concerts, contests, athletic events, and parades. All band members are required to participate in Hornet Marching Band and Pep Band. Students will be graded on positive individual and group participation. Students enrolling in the program must enroll for an entire year or receive the consent of the instructor to drop/add the class. Note: This course can be taken multiple times.

CONCERT CHOIR Grade 9-12 Credit 1 - 2 Semesters Course#: U105/106

Prerequisite: None

All students are eligible for membership. The choral program attempts to develop appreciation and understanding of choral music through the performance of quality choral literature from all periods of music. Members are required to attend all rehearsals, concerts, and public performances. The members of the choir will study fundamentals of proper choral singing such as breathing, note reading, tone production, and sight singing. Students will also be taught fundamental cognitive skills such as basic terminology, key signatures, note dictation, rhythm dictation, and interval identification. Students receive a grade based on performance and cognitive skills. Students enrolling in the program must enroll for an entire year or receive the consent of the instructor to drop/add the class. Note: This course can be taken multiple times.

ADVANCED CHOIR Grade 10-12 Credit 1 - 2 Semesters Course#: U205/206

Prerequisite: Successful completion of all high school concert choir standards or by recommendation.

The choral program attempts to develop a deep appreciation and understanding of choral music through the performance of challenging, quality choral literature from all periods of music. Members are required to attend all rehearsals, concerts, and public performances. The members of the ensemble will continue to develop proper singing techniques, sight singing, and ability to manipulate their sound in order to blend and balance as a choir. Students will utilize the fundamental cognitive skills learned in Concert Choir such as music terminology, key signatures, melodic dictation. Students receive a grade based on performance, practice, and cognitive skills. Students enrolling in the program must enroll for an entire year or receive the consent of the instructor to drop/add the class. Note: This course can be taken multiple times.

MUSIC APPRECIATION HONORS DC Grade 10-12 Credit 1 - 2 Semesters Course#: U310/311

Prerequisite: None

This dual credit class focuses on the history of western music. The first semester will focus on how music evolved from the Middle Ages (beginning in 500 AD) through the Baroque Period (ending 1750 AD). The second semester will focus on the evolution of music beginning with the Classical Period (beginning in 1750 AD) and running through modern music. This is a rotating course, **offered on even years only.**

MUSIC THEORY I HONORS DC Grade 10-12 Credit .5 - 1 Semesters Course#: U415

Prerequisite: None

Music Theory I is an introduction to the fundamentals and rudiments of music notation, rhythm, scales, chords, and other musical materials. It is the introductory study of musical parameters, with an emphasis on melody, phrase structure, rhythm and texture, basic diatonic harmony, part writing and analysis. The course includes the development of proficiency in ear training, sight singing, dictation, and basic piano skills. This is a rotating course, **offered on odd years only.**

MUSIC THEORY II HONORS DC Grade 10-12 Credit .5 - 1 Semesters Course#: U416

Prerequisite: Music Theory I

Music Theory II is a continuation of Music Theory I. The course will provide a completion of diatonic harmony. This course will also provide an introduction to chromaticism and chromatic harmony. These would include secondary functions and modulations to closely related keys, binary and ternary forms. Course work also includes part writing, formal analysis, and piano skills. This is a rotating course, **offered on odd years only.**

JAZZ BAND **Grade 10-12** **Credit 1 - 2 Semesters** **Course#: U300/301**

Prerequisite: Approval of instructor

This course is a zero hour course. Instruction in standard jazz repertoire is offered as well as more advanced contemporary compositions including those exploring unusual meters and metric changes and non-conventional formal structures. Performances on various occasions is anticipated and encouraged. Students will study how music interrelates with the other arts. In most cases, membership in concert band, symphonic band, or wind ensemble is required, unless approved by instructor.

VOCAL ENSEMBLE **Grade 9-12** **Credit 1 - 2 Semesters** **Course#:U305/306**

Prerequisite: Admission to this class is by audition only.

Singers are selected for their vocal ability and performance capabilities through the audition process. In most cases, membership in concert choir is required. In the fall, musicians will study the Renaissance period and prepare to present a full Madrigal Dinner in December. In the spring, a wide variety of literature is studied, ranging from musical theatre to popular/jazz styling. This ensemble is performance orientated and attendance is required for all performances. Note: This course can be taken multiple times.

GUITAR I & II **Grade 9-12** **Credit .5 - 1 Semester each** **Course#: U115/116**

Prerequisite: Guitar I is required to take Guitar II

Guitar I is designed to give students the basic knowledge of guitar techniques. Upon completion of this course, the students will be able to read and identify notes, play scales, arpeggios, basic melodies and chords on guitar. Students will also learn basic music theory. Students will receive a grade on individual and class participation and will be required to perform on their guitar in class. **Guitar II** is a continuation of Guitar I. This class will continue the study of the skills and techniques necessary to play guitar. Students will expand their knowledge of note reading and identification, scales, and arpeggios in order to play more complex melodies and chords. Students will also continue learning music theory skills. Students will receive a grade on individual and class participation and be required to perform on their guitars in class. Note: These courses can be taken multiple times.

PIANO I & II Grade 9-12 Credit .5 - 1 Semester each Course#: U110/111

Prerequisite: Piano I is required to take Piano II

Piano I is designed to teach students the basic tools for playing the piano including different hand positions, finger numbering, playing technique, and note position in order to play simple melodies, chord progressions, and solo pieces. Students will learn basic music theory such as note names, rhythms, key signatures and time signatures while demonstrating their ability to play using dynamics and other expressive musical qualities. Students will be required to play the piano in class and will perform and collaborate with other students in the class. Students will receive a grade based on their performances, class participation, and growth throughout the semester. **Piano II** is designed as a continuation of Piano I. Students will continue to learn piano playing techniques on a more advanced level. Students will learn more advanced theory, including chords, chord progressions, and modulations while utilizing more detailed performance techniques, including more advanced musical expressive tools, and how to utilize a damper pedal. Finally, students will use their combined and continuing musical knowledge to play more advanced melodies, chord progressions, and solo pieces. Students will be required to play the piano in class and will have the opportunity to perform and collaborate with other students in the class. Students will receive a grade based on their performances, class participation, and growth throughout the semester. Note: These courses can be taken multiple times.

Instrument Repair Grade 11,12 Credit 1 - 2 Semesters Course#: U417/418

Prerequisite: None

This course will teach students how to repair band instruments. Students will learn basic repairs needed for woodwind, brass, and percussion instruments, including replacing pads, replacing springs, replacing corks, removing dents, replacing drum heads, tuning drums, etc. Students do not need to know how to play the instruments to take this class. Necessary skills will be taught during the class.

Wind Ensemble HONORS DC Grade 11,12 Credit 1 - 2 Semesters Course#: U410/411

Prerequisite: Successful completion of all high school symphonic band standards.

The wind ensemble aims to develop understanding and appreciation of the musical art form through the performance of quality band literature. Students will have not only the aesthetic experience of making music, but also the rewards intrinsic to any type of performance. In addition to the study of band literature students will learn major, minor and chromatic scales, arpeggios, rhythmic exercises, and sight-reading. Band occupies a unique "co-curricular" status in that classroom experience and outside school activities are mixed and inseparable. An active performance schedule is maintained which includes concerts, contests, athletic events, and parades. All band members are required to participate in Hornet Marching Band and Pep Band. Students will be graded on positive individual and group participation. Students enrolling in the

program must enroll for an entire year or receive the consent of the instructor to drop/add the class. Note: This course can be taken multiple times.



PHYSICAL EDUCATION/HEALTH/DRIVER'S ED - COURSE OFFERINGS

PHYSICAL EDUCATION/HEALTH/DRIVER'S EDUCATION				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Advanced Health and Wellness	ST	10,11,12	1	.5
Behind the Wheel	ST	10,11,12	1	.5
Driver's Education	ST	10,11,12	1	.5
Health	ST	10	1	.5
Lifetime Fitness (DC Option)	ST/DC	10,11,12	2	1
PE 9-10-11-12	ST	9,10,11,12	2	1
Strength and Conditioning	ST	9,10,11,12	2	1

	Health	**Physical Education**	**Driver Education and Safety**
Freshmen		9-12 P.E. Strength & Conditioning	Driver Education and Safety
Sophomores	Health	9-12 P.E. Strength & Conditioning Lifetime Fitness (DC Option)	Driver Education and Safety Behind the Wheel
Juniors & Seniors	Advanced Health & Wellness	9-12 PE Strength & Conditioning	Driver Education and Safety Behind the Wheel

		Lifetime Fitness (DC Option)	

PHYSICAL EDUCATION/HEALTH/DRIVER'S ED - COURSE DESCRIPTIONS

PHYSICAL EDUCATION Grade 9-12 Credit .5 - 1 Semester Course#: P110/111

Prerequisite: None

The Physical Education course is designed to provide each student with the opportunity to develop fitness, goal setting skills, knowledge, physical skill, and social interaction, through the following curriculum development: students will participate and experience a variety of individual and team activities such as softball, soccer, floor hockey, rugby, volleyball, flag football, badminton, speedball, ultimate frisbee, and will have the opportunity to participate in golf and transport out to the local bowling alley for a unit in bowling. Students will continue to gain knowledge and understanding in the areas of cardiovascular fitness, including the concepts of FITT, strength, and flexibility. All grade levels will have the use of the weight room while learning the proper lifting and spotting techniques.

LIFETIME FITNESS Grade 10-12 Credit .5 - 1 Semester Course#: P220/221

Prerequisite: One year of PE

Students will experience a variety of lifetime activities that are focused on preparing students to live an active lifestyle and enhancing their social emotional learning (SEL). Activities include walking for fitness, yoga, basic Pilates, weight lifting and body weight work. Through these activities students will learn to utilize FITT Principles and heart rate monitoring. Students will be able to calculate and plan walking routes to utilize different aspects of the FITT Principles as well as track their heart rates to improve their fitness level. Students will become familiar with basic yoga techniques including breathing and various poses. Students will become familiar with a variety of social dances and be able to perform the various basic steps of each dance style. Students enrolled cannot exempt out of this course. Note: Dual Credit option through MCC is available.

STRENGTH & CONDITIONING Grade 9-12 Credit .5 - 1 Semester Course#: P300

Prerequisite: None

The goal of the Strength & Conditioning class is to deliver a fitness program that offers a longer duration and more intense strength training experience with less emphasis in the area of game type activities. The primary goal is for every student to understand the importance of resistance training that could benefit life-long fitness and wellness. Students will learn advanced techniques and strategies to enhance their overall fitness goals. Load and intensity will be scaled for each individual. The course would allow students to reach strength and fitness goals as well as gain knowledge that will allow students to pursue fitness goals successfully throughout their lifetime. Students enrolled cannot exempt out of this course.

HEALTH **Grade 10** **Credit .5 - 1 Semester** **Course#: P210**

Prerequisite: None

Students will be taken out of their physical education class during one semester of their 10th grade year for this class. The student will study the seven general areas of health: (1) Mental/emotional health (2) Substance Abuse (3) Physical Fitness and Nutrition (4) First Aid and CPR (5) Human Relationships (6) Consumer Health (7) Environmental Health. The main emphasis is on the concept that a person can do much to determine his level of health if he/she has basic knowledge of the five areas of health.

ADVANCED HEALTH & WELLNESS **Grade 10-12** **Credit .5 - 1 Semester** **Course#: P215**

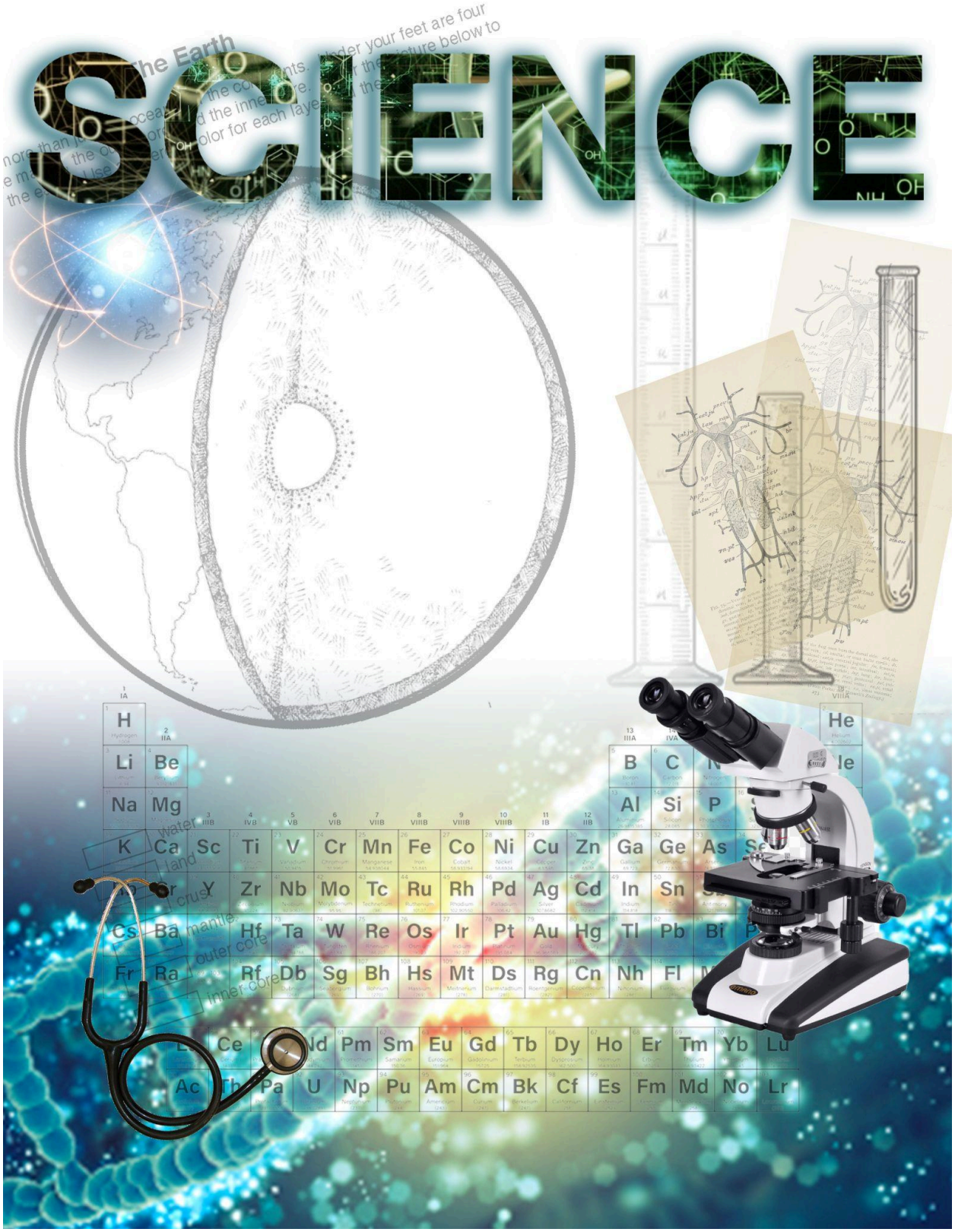
Prerequisite: Health

Advanced Health will cover the topics within Health Education specific to an individual who is conscious of their own health within a thriving society. The content areas of Health consumerism, all Body Systems, professions within the Health field, certification of First Aid/CPR, and the long-term benefits of sustaining a healthy lifestyle will be covered within this semester-long elective.as well as gain knowledge that will allow students to pursue fitness goals successfully throughout their lifetime. Students enrolled cannot exempt out of this course.

DRIVER EDUCATION **(Classroom & Behind the Wheel)** **Grade 10-12**
Credit .5 - 2 Semesters **Course#: P205/P208**

Prerequisite: Students must have passed at least **8 courses in the 2 previous semesters** per IL School Code.. Students must have completed the classroom portion to take the Behind the Wheel portion. A fee for the driver's permit and lab class will be assessed.

Driver Education is a two phase program consisting of the required classroom phase and optional Behind the Wheel (BTW) phase. The classroom is at least 30 clock hours in length and stresses attitudes for safe driving. Students taking both phases of the program should plan to finish both parts within one year after enrolling in the classroom phase. The classroom phase of Driver's Education is designed to help novice drivers develop the knowledge, skills and attitudes necessary to become safe, low-risk, responsible drivers. Students will learn how to manage distractions and risks, understanding the highway transportation system (HTS), understanding basic vehicle operations, maintenance and operating costs. Students have the opportunity to obtain an instructional drivers permit. Students must past the State of Illinois Rules of the Road test before obtaining a permit. The BTW phase of Driver Education, each student is scheduled for a minimum of six hours of actual driving experience and an additional six hours of observation time. Instruction will be in a dual control car with a qualified instructor. Illinois State law and a written school policy determine attendance requirements.


SCIENCE
The Earth
water
land
crust
mantle
outer core
inner core

SCIENCE - COURSE OFFERINGS

SCIENCE				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
AP Biology	AP	11,12	2	1
AP Chemistry	AP	11,12	2	1
Biology (Honors option)	ST	9	2	1
Chemistry	ST	10	2	1
Environmental Science	ST	11,12	1	.1
Forensics Biological Science	ST	11,12	1	.5
Forensics Physical Science	ST	11,12	1	.5
Human Anatomy & Physiology Honors	HN	11,12	2	1
Physics Honors	HN	11,12	2	1

	Core	**Honors**	**Advanced Placement**	**Electives**
Freshmen	Biology	Biology Honors		
Sophomores	Chemistry			
Juniors & Seniors	Environmental Science	Human Anatomy & Physiology Honors	AP Biology AP Chemistry	Forensics in Biological Science

		Physics Honors		Forensics in Physical Science

SCIENCE - COURSE OFFERINGS

BIOLOGY Grade 9 Credit 1 – 2 Semesters Course#: S3009/3019

Prerequisite: None

Throughout this laboratory course, the PreAP Biology scope and sequence is followed. Units of study focus on ecological systems, evolution, cellular systems, and genetics. A variety of science practices are incorporated into all units of study, including argumentation (claim, evidence, reasoning), modeling, use of mathematics, and analytical reading and writing. In addition, students will engage in close observation and analysis, evidence-based writing, higher order questioning, and academic conversations, the shared principles of all PreAP courses.

CHEMISTRY Grade 10 Credit 1 – 2 Semesters Course#: S200/201

Prerequisite: Biology

This inquiry – based college preparatory course requires, group work, research projects, oral presentations, and laboratory experiments. Students will learn scientific terms and problem-solving skills. The following topics will be addressed: the metric system, energy, density, elements and symbols, structure of the atom, periodic table, chemical bonding, chemical equations, stoichiometry, and specific heat.

Environmental Science Grade 11,12 Credit 1 – 2 Semesters Course#: S430/431

Prerequisite: Biology & Chemistry

This course will create an awareness of and appreciation for the natural processes that sustain life on earth, including human life. Environmental science includes the following topics: basic concepts of ecology and energy flow, population dynamics, energy and energy resources, air, water, and land pollution issues, solid and hazardous waste disposal and treatment, biodiversity and endangered species, resource conservation and recycling, and sustainability. The information in environmental science is relevant to everyday living and will provide students with basic scientific knowledge and skills regardless of the careers that they pursue.

PHYSICS HONORS Grade 11,12 Credit 1 – 2 Semesters Course#: S415/416

Prerequisite: Concurrent Enrollment in Algebra II, Algebra II Honors

This inquiry – based college preparatory course is designed to allow students to think in the realms of scientific facts and laws. Emphasis is placed on solving problems using scientific facts and laws combined with mathematics. Students will use the knowledge they gain to explain real

life situations. A strong emphasis will be placed on graphing, problems solving skills, and critical thinking. This class is designed to prepare students for what they will see in college level physics, but will maintain the pace of a high school course. Specific materials covered include kinematics, vectors, forces, work, energy, waves, heat, light, electricity, and magnetism. *Weighted grade.

HUMAN ANATOMY & PHYSIOLOGY HONORS Grade 11,12 Credit 1 - 2 Semesters Course#: S410/411

Prerequisite: Biology and Chemistry

This course is designed to be an introductory class in human anatomy and physiology. Students who are interested in careers in the life science areas should take this class. It will cover all of the major systems of the human body, including but not limited to the skeletal, muscular, digestive, circulatory, respiratory, reproductive, excretory, and nervous systems. There will be a wide range of laboratory activities, which would include dissections of a brain, heart, and dogfish shark. * Weighted grade

BIOLOGICAL SCIENCE APPLICATIONS OF FORENSICS Grade 11,12 Credit .5 – 1 Semesters Course#: S305

Prerequisite: Biology and Chemistry

This course will offer students an opportunity to learn about the careers of forensic scientists. Through lecture, group projects, and laboratory activities, students will also learn about the types of evidence collected at crime scenes. Using a variety of laboratory techniques, students will have an opportunity to examine types of biological evidence including artificial blood, DNA, hair, fingerprints, and handwriting. In addition, simulations, videos/DVDs, and guest speakers will be utilized as time permits.

PHYSICAL SCIENCE APPLICATIONS OF FORENSICS Grade 11,12 Credit .5 – 1 Semesters Course#: S306

Prerequisite: Biology and Chemistry

This course will offer students an opportunity to learn about the careers of forensic scientists. Through lecture, group projects, and laboratory activities, students will also learn about the types of evidence collected at crime scenes. Using a variety of laboratory techniques, students will have an opportunity to examine types of physical evidence including clothing and fibers, glass, drugs, soil, metals, paint, impressions, and computers. In addition, simulations, videos/DVDs, and guest speakers will be utilized as time permits.

AP Biology Grade 11,12 Credit .5 – 1 Semesters Course#: S405AP/406AP

Prerequisite: Biology & Chemistry

AP Biology follows a curriculum created by College Board which is designed to parallel a college level introductory biology course for science majors. AP Biology covers four overarching big ideas including evolution, energetics, information storage and transmission, and system

interactions. In addition, students will gain experience with six science practices including concept explanation, visual representations, questions and methods, representing and describing data, statistical tests and data analysis, and argumentation. AP Biology also includes college-level laboratory experiences and investigations. All AP Biology students are expected to take the AP Exam offered in May.

AP Chemistry Grade 11,12 Credit .5 – 1 Semesters Course#: 420AP/421AP

Prerequisite: Chemistry

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. Created by the AP Chemistry Development Committee, the course curriculum is compatible with many chemistry courses in colleges and universities. All AP Chemistry students are required to take the AP Exam offered in May.

AGRICULTURAL SCIENCE				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Agricultural Science	ST	9,10,11,12	2	1
Animal Science	ST	10,11,12	1	.5
Agriculture Business Management	ST	11,12	1	.5
Biological Science Applications in Agriculture	ST	10,11,12	2	1
Equine Science	ST	11,12	1	.5
Horticulture	ST	10,11,12	1	.5
Landscape Development	ST	10,11,12	1	.5
Natural Resources	ST	10,11,12	1	.5
Supervised Ag Experience I	ST	10,11,12	2	1
Supervised Ag Experience II	ST	11,12	2	1

Agricultural Science Sequence

Agricultural Science*
Grades 9-12
***This year-long class is a prerequisite to classes in the Ag Science Pathway**

Animal Science Grades 10-12	**Horticulture Grades 10-12**	**Landscape Development Grades 10-12**	**Natural Resources Grades 10-12**

Biological Science Applications in Agriculture
Grades 10-12

Equine Science Grades 11-12	**Agricultural Business Management Grades 11-12**

Future Farmers of America (FFA)

Supervised Agricultural Experience I
Grades 10-12

Supervised Agricultural Experience II
Grades 11-12

AGRICULTURAL SCIENCE - COURSE DESCRIPTIONS

AGRICULTURAL SCIENCE Grade 9-12 Credit 1 – 2 Semesters Course#: A100/101

Prerequisite: None

Agri-science is a lab-based, life science course that studies modern agriculture and the role of the consumer in the food and fiber chain. Topics covered in this course include: Agricultural literacy, Communications, Scientific Inquiry and research, Soil Science, Agronomy, Entomology, Animal Anatomy and Physiology, Animal Reproduction, Animal Behavior, Aquaculture, and Natural resource systems. In addition to completing labs and dissections, students will also develop their public speaking and presentation skills.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE Grade 10-12
Credit 1 – 2 Semesters Course#: A300/301

Prerequisite: Agricultural Science

This is a hands-on laboratory course, which applies biological principles to agricultural applications. Topic covered include cellular biology, animal/plant genetics and heredity, biotechnology, animal growth and development, animal reproduction, animal nutrition, animal health, aquaculture, and food science /microbiology. Contemporary issues in the agricultural industry will be included as well as career exploration. This class is more advanced than agriscience and structured like a college prep course.

HORTICULTURE Grade 10-12 Credit .5 – 1 Semesters Course#: A205

Prerequisite: None

This hands–on course is designed to teach students the production, environmental, business, and scientific aspects of how plants are used for beauty, comfort, and food. Topics covered include Plant Structure and Anatomy, Horticultural Industry and Careers, Plant Science and its Importance to Humans, Floral Design, Greenhouse Management, Plant Propagation, Plant Breeding and Genetics. Students will gain the knowledge they need to become a forerunner in the local horticultural setting. Students interested in Landscaping and hands on work in the greenhouse, this class must be taken before you can enter Landscape Development.

LANDSCAPE DEVELOPMENT Grade 10-12 Credit .5 – 1 Semesters Course#: A210

Prerequisite: Horticulture

This course provides an introduction to landscape design, development, and maintenance. Topics covered include Landscape Design, Analyzing a Landscape Site, Plant Selection, Principles of Art in Landscaping, Plant Installation, Landscape Maintenance, Landscape

Construction, and Landscape Business. This class spends a great deal of time working with plants in the greenhouse. Also, students will be doing many hours of landscape drawings in this class.

NATURAL RESOURCES Grade 10-12 Credit .5 – 1 Semesters Course#:A215/216

Prerequisite: None

This course explores the world of natural resources, their management and conservation. Topics covered include the importance of natural resources, ecology, wildlife management and conservation; forestry management and conservation; managing wild fish populations, and exploring outdoor recreational enterprises. Conservation will be a primary focus of the course and students will develop long-range conservation plans based on the needs of an area. Hunters' safety certification may be available in the course.

ANIMAL SCIENCE Grade 10-12 Credit .5 – 1 Semesters Course#: A200

Prerequisite: Agricultural Science

Animal Production/Science courses impart information about the care and management of domestic and farm animals. These courses may cover animal nutrition, health, behavior, selection, reproduction, anatomy and physiology, facilities, product processing, and marketing. Students may study a particular species (swine, cattle, horses, fowl, sheep, and so on), or they may learn how to care for and maintain livestock as a more inclusive study.

SUPERVISED AGRICULTURAL EXPERIENCE I Grade 10-12 Credit 1 – 2 Semesters Course#: A315/316

Prerequisite: FFA Member w/SAE

This course is for FFA members who are keeping FFA record books and do not have another Agriculture class that fits in their schedule. This class enables the student to participate in the FFA program. These classes do not require a class period during the day, but are simply supervision of SAE projects, keeping records, and instructor visitation and supervision.

SUPERVISED AGRICULTURAL EXPERIENCE II Grade 11,12 Credit 1 – 2 Semesters Course#: A415/416

Prerequisite: Approval of Instructor - FFA Member w/SAE

The above course is for 3rd and 4th year FFA members who are keeping FFA record books and do not have another agriculture class that fits in their schedule. . These classes do not require a class period during the day, but are simply supervision of SAE projects, keeping records, and instructor visitation and supervision.

AGRICULTURE BUSINESS MANAGEMENT Grade 11,12 Credit .5 – 1 Semesters Course#: A305

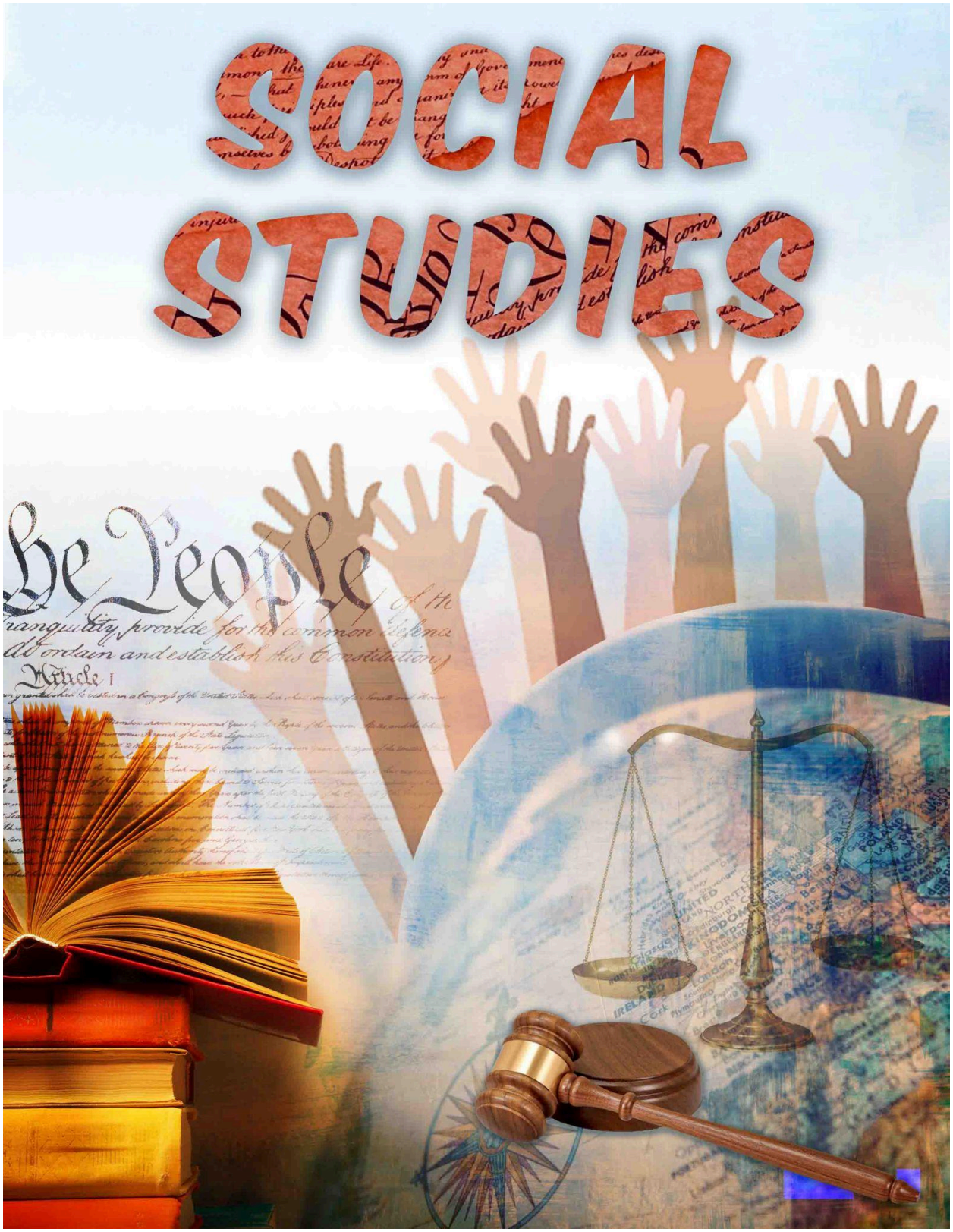
Prerequisite: None

This hands-on course is designed to teach students about all aspects of agricultural business. Topics covered include business management, net worth, resource management, entrepreneurship, operations management, human resource management, risk management, computers in agriculture, agricultural sales and advertising, public relations, and corporation/cooperatives.

EQUINE SCIENCE Grade 11,12 Credit .5 – 1 Semesters Course#: A310

Prerequisite: Agricultural Science and Biology or BSAA

This is a semester-long course for students who would like to learn more about the science of horses and the career options available within the equine industry. Students in this hands-on, science based course will learn about topics such as history of the horse, anatomy, conformation and biomechanics, selection of horses, behavior and training theory, health, nutrition, equipment and disciplines, and considerations for owning an equine facility. Students will be required to work independently and in small groups on projects such as oral presentations, research assignment, model construction, and creating video presentations. When the opportunity allows, horses will be brought in to demonstrate principles and practices and/or students will visit local equine businesses and events. Students are encouraged to join FFA and compete in horse related events.


SOCIAL
STUDIES
We the People
Article I

SOCIAL SCIENCE - COURSE OFFERINGS

SOCIAL SCIENCE				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
AP Human Geography	AP	10,11,12	2	1
AP US History	AP	11,12	2	1
Civics	ST	10,11,12	1	.5
Current Events	ST	10,11,12	1	.5
Early U S History	ST	9,10	1	.5
Psychology	HN	12	1	.5
Recent US History	ST	12	1	.5
Sociology I Honors	HN	12	1	.5
Sociology II Honors	HN	12	1	.5
U S History (Honors option)	ST	11	2	1
World Geography I	ST	10,11,12	1	.5
World Geography II	ST	10,11,12	1	.5
World History I	ST	9,10,11,12	1	.5
World History I Honors	HN	9,10,11,12	1	.5
World History II	ST	9,10,11,12	1	.5

	Core	Honors	Advanced Placement	Electives
Freshmen, Sophomores, Juniors, & Seniors		World History I & II Honors		World History I & II Early US History
Sophomores, Juniors, & Seniors	Civics		AP Human Geography	Current Events World Geography I & II
Juniors	US History	US History Honors	AP US History	World History I & II Early US History Current Events World Geography I & II
Seniors		Sociology I & II Honors Psychology Honors		World History I & II Early US History Current Events World Geography I & II Recent US Hist ory

SOCIAL SCIENCE - COURSE DESCRIPTIONS

WORLD HISTORY I (Honors Option) Grade 9-12 Credit .5 – 1 Semesters Course#: H100

Prerequisite: None

Historical patterns, themes, and concepts are explored. This course begins with the teaching and application of basic social studies skills. These skills such as map reading, chart analysis, and timeline applications will lay the groundwork for future social studies classes. Subject matter will include the development of civilizations to the beginning of the Middle Ages. Areas of focus will be, Egypt, Greece, Rome, and the Middle Ages. This class is highly recommended to incoming freshmen. Honors students will be expected to complete additional writing assignments and additional reading assignments.

WORLD HISTORY II Grade 9-12 Credit .5 - 1 Semesters Course#: H101

Prerequisite: None

This course begins with the Renaissance and end with the Industrial Revolution. The dramatic changes of the Renaissance in the areas of art, literature, science, government, religion and the effects on Europe will be covered extensively. Basic skills in reading, writing, note and test taking will be utilized. An Honors section is available for this class. Honors students will be expected to complete additional writing assignments and additional reading assignments.

EARLY U.S. HISTORY Grade 9,10 Credit .5 – 1 Semesters Course#: H105

Prerequisite: None

The course begins with exploration and the settlement of North America by Native Americans. An in depth look at the different nations and tribes that developed, their lifestyle, culture, and customs. The class will then explore the interactions, partnerships, and conflicts between native cultures and European settlers coming to the New World. The class then continues through the development of settlements and colonies, The American Revolution, and ends before the civil war.. The objectives include teaching about the native cultures that existed before the foundation of the United States Government. The various struggles we faced as a fledgling nation: political, economic, cultural, and social. This class will use various movies and research tools to facilitate instruction and ends with an exploration of pre-Civil War America.. *This class is highly recommended for students planning to take AP US History during their junior year.

WORLD GEOGRAPHY I Grade 10-12 Credit .5 - 1 Semesters Course#: H315

Prerequisite: None

World Geography I is a one semester course that examines the geography, history, and culture of people in our own society as well as Central and South America and Europe. The purpose of the course is to provide the student with the opportunity to study a wide range of relationships that exist between the regions and countries of the world. There will be a focus on, but not limited to, Native Americans, Aztec, and Amazonian Culture and how these have shape modern societies. Students will gain perspective about their own lives through the context of human diversity. Map studies, projects, visual aids, current events and individual research maintain relevance to student interests and needs. World Geography I will focus primarily on North and South America as well as European Countries.

WORLD GEOGRAPHY II Grade 10-12 Credit .5- 1 Semesters Course#: H316

Prerequisite: World Geography I

World Geography II is a one semester course that examines the geography, history, and culture of people in our own society as well as Canada, Mexico, Southwest Asia, China, and India (as time allows). The purpose of the course is to provide the student with the opportunity to study a wide range of relationships that exist between the regions and countries of the world. Students will gain perspective about their own lives through the context of human diversity. Map studies, projects, visual aids, current events and individual research maintain relevance to student interests and needs. World Geography will focus on the nations and region most expected to be relevant in the lives of students during the twenty-first century.

AP HUMAN GEOGRAPHY Grade 10 Credit .5 - 1 Semesters Course#: H310AP/311AP

Prerequisite:

Our planet is an endlessly fascinating place with an almost unimaginable variety of people surviving or thriving in an extraordinary variety of ways as they interact with their environments. Students in AP Human Geography will examine how people make places across the Earth. Specific areas of study will include population, migration, culture, identity, language, religion, politics, urbanization, and globalization. Students who enroll in this course are expected to pay for and take the Advanced Placement Exam in May. This class is highly recommended for students who will take AP U.S. History junior year. *Weighted grade.

CURRENT EVENTS Grade 10-12 Credit .5 -1 Semesters Course#: H200

Prerequisite: None

This class will identify the dominant cultural and ethnic groups of today and examine their impact on politics, economics, and social behavior in the emerging era of globalization. Students will understand the historic diversity of cultures and how their increasing interaction has caused both cooperation and conflict regionally and throughout the world. Topics will include: Conflict in the Middle East; Emergence of Asia in world affairs; Ethnic and Cultural Conflict in America; and Global Terrorism.

UNITED STATES HISTORY Grade 11 Credit 1 – 2 Semesters Course#: H300/301

Prerequisite: None

This class will fulfill the graduation requirement of one year of U.S. History as established by the State of Illinois. Starting in the Post-Civil War Era, with an emphasis on the 20th century, the goal of this course is to give students the opportunity to understand how the U. S. developed its international status as a world power. It is designed to help students to identify causes and effects, events, philosophies, and individuals which led to America's development, and provide them with an historical basis for decision making. This course builds on the skills introduced in World History. Developing an appreciation and understanding of American History will enable students to make political, economic, cultural, and social decisions in their lives.

AP U.S. HISTORY Grade 11 Credit 1 – 2 Semesters Course#: H300AP/H301AP

Prerequisite: None

This class will fulfill the graduation requirement of one year of U.S. History as established by the State of Illinois. This interpretive college-level course considers the American experience from colonial times to the present. The course requires excellent reading and writing skills, and its structure is designed to prepare students for the Advanced Placement Test in U. S. History. Success on this test may entitle a student to college credit, advanced placement, or both. Course activities include writing three positions papers of 3-8 pages each semester, 2-4 in-class essays per month, and 3-4 document based questions per year. A heavy emphasis is placed on analyzing and synthesizing information obtained from primary sources. Students who enroll in this course are expected to pay for and take the Advanced Placement Exam in May. *Weighted grade.

CIVICS Grade 11, 12 Credit .5 – 1 Semesters Course#: H305

Prerequisite: None

This required course is designed to provide the student with an understanding of our nation's system of government and instill qualities of good citizenship. Current events will be discussed as they relate to our roles as citizens and how they affect our nation. We will explore what all governments have in common, different types of governments and economic systems, our own Constitution and how and why we came to create it. Basic skills in reading, writing, note and test taking will be utilized. Students will be required to pass both a State and a Federal Constitution test. Additionally, the State of Illinois requires that all students complete a Service Learning Requirement.

PSYCHOLOGY HONORS Grade 12 Credit .5 – 1 Semester Course#: H400

Prerequisite: This is a college prep course & students will conduct an original research project.

Psychology is the study of human behavior and mental processes. A semester long, this course is designed to introduce students to psychology and see how it can be used as a tool for increased self-awareness and self-understanding. We will look specifically at consciousness, psychological disorders, psychological research methods, theories of personality, motivation, and emotions. *This class is highly recommended for college-bound students as an introduction to Psychology 101 they will have to take in college.

SOCIOLOGY I HONORS Grade 12 Credit .5 - 1 Semesters Course#: H405H

Prerequisite: None -This is a college prep course and as such there is an emphasis on writing.

Sociology is the scientific study of society and human behavior. Is *The Lion King* a just a fun children's movie or is it part of the reason women still earn only 72 cents for every dollar men earn? Is dog fighting wrong or is it just different? When is it okay to break the law? What does it mean when someone stares at you? Would you torture or kill people simply because you were told to do so? These are some of the questions explored in Sociology. In this course students will enjoy the ability to examine the world around them with a sociological perspective. Topics covered include culture, socialization, social structure, social networks and the way in which these shape self concepts and perceptions. Students will also learn about the three dominant theoretical perspectives in sociology. Discussion and participation are important parts of this class. Because this is a college prep honors course and as such there is an emphasis on writing.

SOCIOLOGY II HONORS Grade 12 Credit .5 - 1 Semesters Course#: H406H

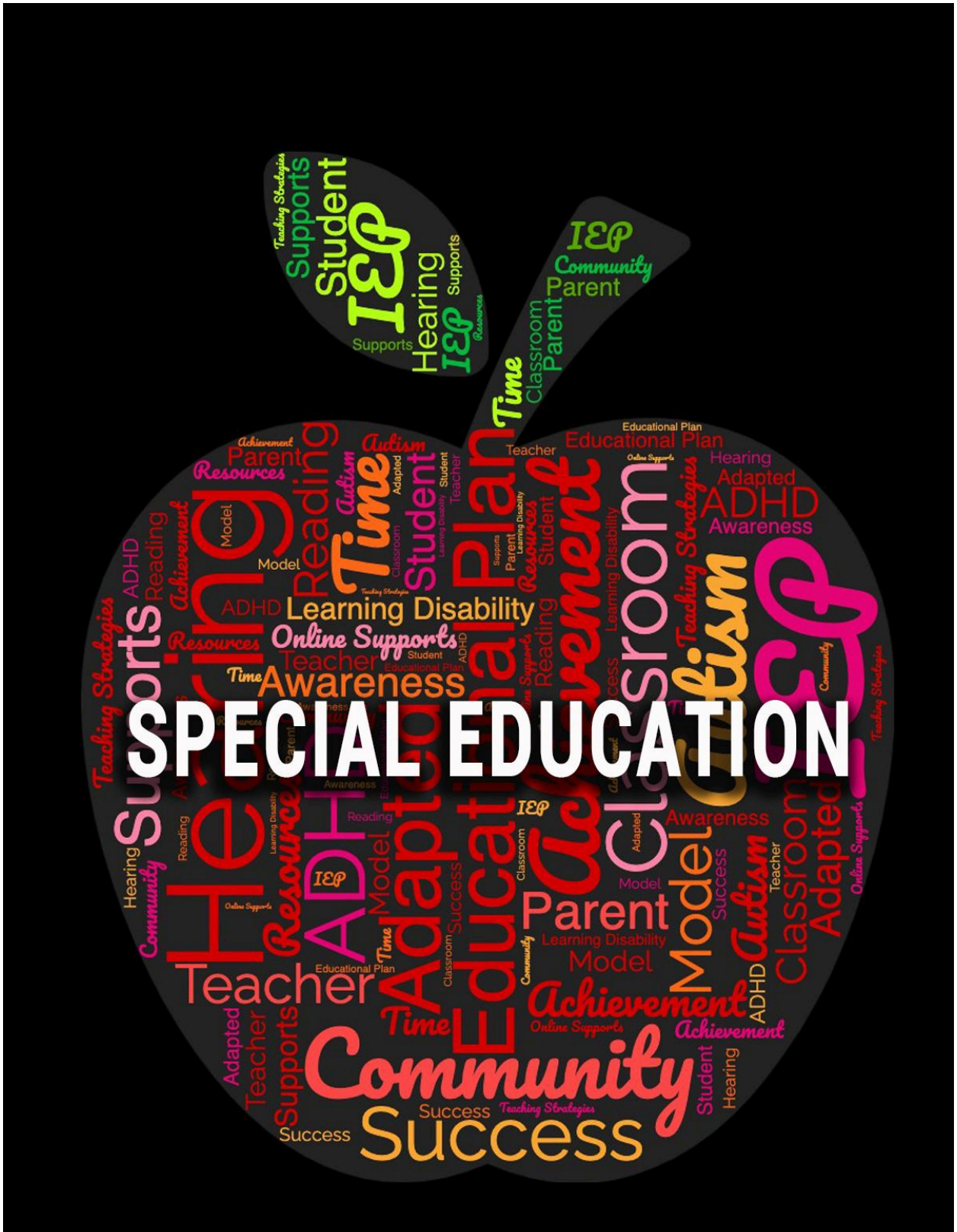
Prerequisite: Sociology I

Why does the US have the largest prison population on Earth? Does the death penalty work? What does it mean to be a person of color in the US? What is your social class and what effect does it have on your life? How do we plan and conduct funerals in the US? Building on Sociology I, students will use the three sociological perspectives to explore different issues in and aspects of our society such as: Deviance and Social Control, Social Class in the United States, Race and Ethnicity, The Family, Collective Behavior and Social Movements, and Death and Dying. Discussion and participation are important parts of this class. Contemporary films will be used to further understanding of the issues discussed and there will be at least one field trip. This is a college prep honors course and as such there is an emphasis on writing.

RECENT U.S. HISTORY Grade 12 Credit .5 – 1 Semesters Course#: H410

Prerequisite: None

This course is designed to bring students to the present in United States history. By learning the recent history of our nation, students will gain a better understanding of the origins of many of the challenges we currently face as a nation. We will examine, in depth, the following issues: Civil Rights, Watergate, Iran hostage crisis, the first Gulf War, Vietnam, current Middle East issues, 9/11 and topics pertaining to current events.


SPECIAL EDUCATION
IEP
Autism
Classroom
Educational Plan
Hearing
Learning Disability
Online Supports
Parent
Resources
Student
Supports
Teacher
Time
Achievement
Adapted
ADHD
Awareness
Community
Model
Reading
Success
Teaching Strategies

SPECIAL PROGRAMS - PROGRAM DESCRIPTIONS

SPECIAL EDUCATION SERVICES

Special education and related services are available to students based on an eligibility determination for such services. A continuum of service model is available to support students from consultative services to self-contained settings and programs on campus. All programs emphasize post-high school outcomes, student achievement, positive behavior supports, self-advocacy, and relationships within the school and community. Each student's support level is determined as part of the Individualized Education Planning process. For more information, please contact the special education department chair.

CO-TAUGHT

Co-taught classes are collaborative settings led by both a general education teacher and a special education teacher. Together, they plan and deliver instruction that supports all learners, including those with IEPs, by differentiating lessons, providing accommodations, and ensuring access to grade-level content within the general education environment.

INSTRUCTIONAL

Instructional classes are specialized settings taught by a special education teacher and designed for students who require significant modifications to the general education curriculum. Instruction is tailored to students' individualized goals, focusing on building foundational academic skills, social-emotional growth, and functional independence.

CROSS-CATEGORICAL

The Cross-Categorical classroom supports students with emotional and behavioral needs that impact their academic and social success. Instruction focuses on individualized goals aligned with each student's IEP while emphasizing emotional regulation, coping strategies, and positive behavior supports. The classroom environment provides structured routines, social-emotional learning, and small-group or individualized instruction to promote academic progress,

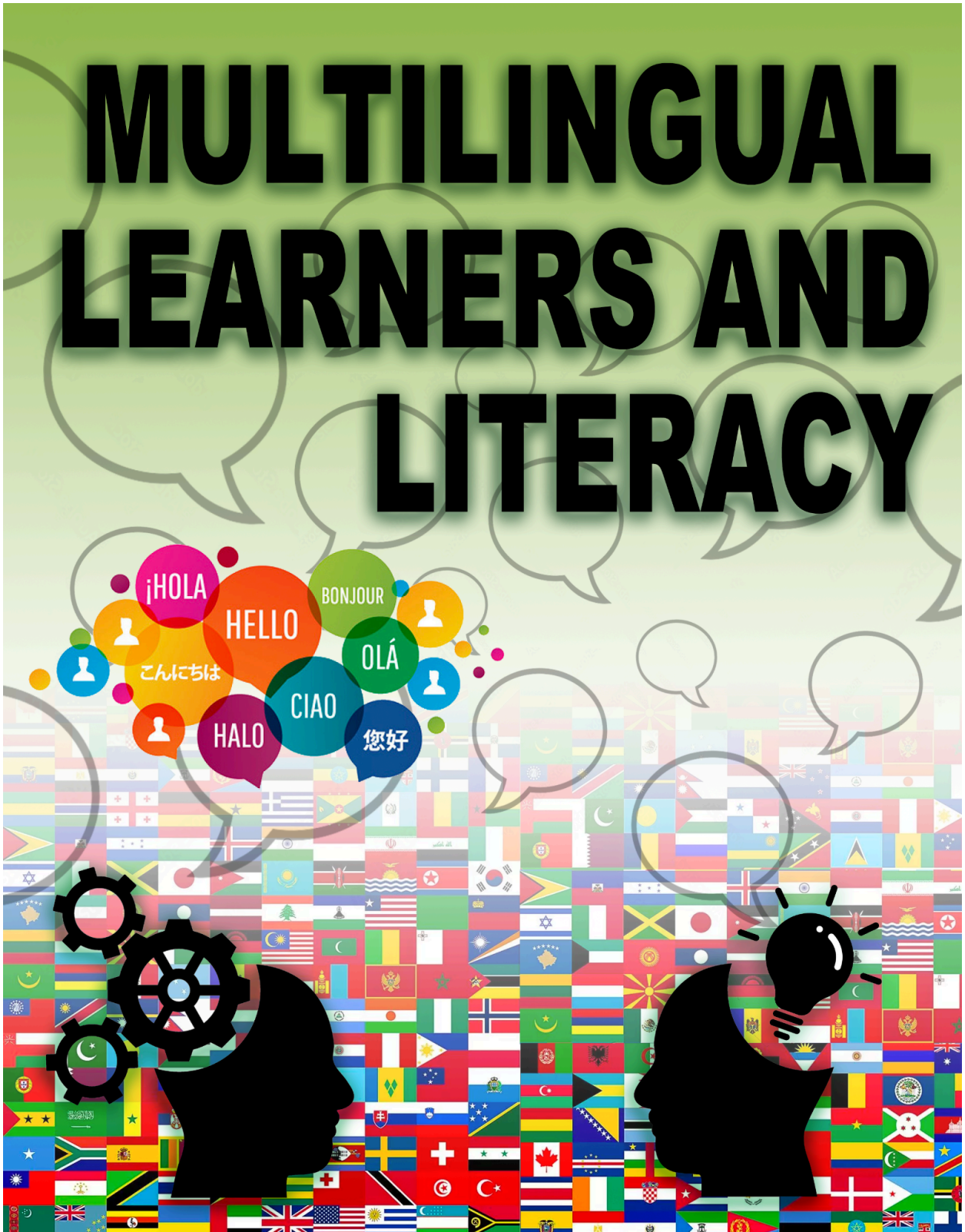
self-management, and self-advocacy skills. Students receive support in developing strategies for managing emotions, building relationships, and achieving success in both academic and behavioral areas.

LIFE SKILLS

Life Skills programs provide instruction in daily living, functional academics, vocational training, and social skills to prepare students for greater independence in adult life. Students participate in hands-on learning experiences that focus on communication, community engagement, and transition readiness.

TRANSITION

Located in the ETCHED Center at Jefferson Elementary School, this program is designed to teach essential life skills to young adults (18-21) for independent living, focusing on Education, Transportation, Community, Housing, Employment, and Daily Living skills, symbolizing their future-focused support for students


MULTILINGUAL LEARNERS AND LITERACY
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WORLD LANGUAGE - ELL/BILINGUAL COURSE OFFERINGS

WORLD LANGUAGE - ELL/BILINGUAL				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
English				
English I EL	ST	9,10,11,12	2	1
English II EL	ST	9,10,11,12	2	1
English III EL	ST	9,10,11,12	2	1
Reading I EL	ST	9,10,11,12	2	1
Reading II EL	ST	9,10,11,12	2	1
Reading III EL	ST	9,10,11,12	2	1
Math				
Algebra I EL	ST	9	2	1
Algebra II EL	ST	11,12	2	1
Geometry Bilingual	ST	10	2	1
Intermediate Algebra Bilingual	ST	11,12	2	1
Science				
Biology I EL	ST	9	2	1
Chemistry EL	ST	10	2	1
Environmental Science EL	ST	11,12	2	1
Social Science				
Civics EL	ST	10,11,12	1	.5

WORLD LANGUAGE - ELL/BILINGUAL				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
English				
English I EL	ST	9,10,11,12	2	1
Support				
Resource EL	ST	9,10,11,12	2	1
Strategies for Success EL	ST	9,10,11,12	1	.5

WORLD LANGUAGE - ENGLISH LANGUAGE COURSE DESCRIPTIONS

ENGLISH I EL Grade 9-12 Credit 1 – 2 Semesters Course#: E100EL/101EL

Prerequisite: ACCESS Score/English Screener

This course gives assistance to Limited English Speaking Proficient Students in developing basic communication skills of listening, speaking, reading, and writing and comprehension of general concepts taught in other classes.

ENGLISH II EL Grade 9-12 Credit 1 – 2 Semesters Course#: E200EL/201EL

Prerequisite: ACCESS Score/English Screener

Depending on the skill level of the student, this class is designed to assist in learning conventions of grammar in speaking and writing.

ENGLISH III EL Grade 9-12 Credit 1 – 2 Semesters Course#: E300EL/301EL

Prerequisite: ACCESS Score/English Screener

This course challenges the more advanced Limited English Proficient student in oral and written skills. This class is the transitional class between regular English classes and the ELL classes. Students would be placed in the appropriate level of learning as a result of prior work, ACCESS scores and teacher recommendation.

READING I EL Grade 9-12 Credit 1 – 2 Semesters Course#: E300EL/301EL

Prerequisite: ACCESS Score/English Screener

Students are introduced to literacy materials that are meaningful in content to enable them to transfer skills learned in their first language.

READING II EL Grade 9-12 Credit 1 – 2 Semesters Course#: E300EL/301EL

Prerequisite: ACCESS Score/English Screener

Student reading skills will be enhanced by offering a more challenging and wider selection of literature material. The goal is to help learn new content/concepts in their second language.

READING III EL Grade 9-12 Credit 1 – 2 Semesters Course#: E300EL/301EL

Prerequisite: ACCESS Score/English Screener

Student reading skills are refined through literature and real word literacy materials. As a result of this class students will advance in reading level in English. All skills learned are applicable to reading in all other academic classes. The goal of the class is to help students read in English at grade level.

RESOURCE EL Grade 9-12 Credit 1 – 2 Semesters Course#: K705EL/706EL

Prerequisite: ACCESS Score/English Screener

This program is for those students with Limited English Proficiency who need help with all their class work.

Student reading skills are refined through literature and real word literacy materials. As a result of this class students will advance in reading level in English. All skills learned are applicable to reading in all other academic classes. The goal of the class is to help students read in English at grade level.

STRATEGIES FOR SUCCESS EL Grade 9-12 Credit .5 – 1 Semester Course#: K100EL

Prerequisite: ACCESS Score/English Screener

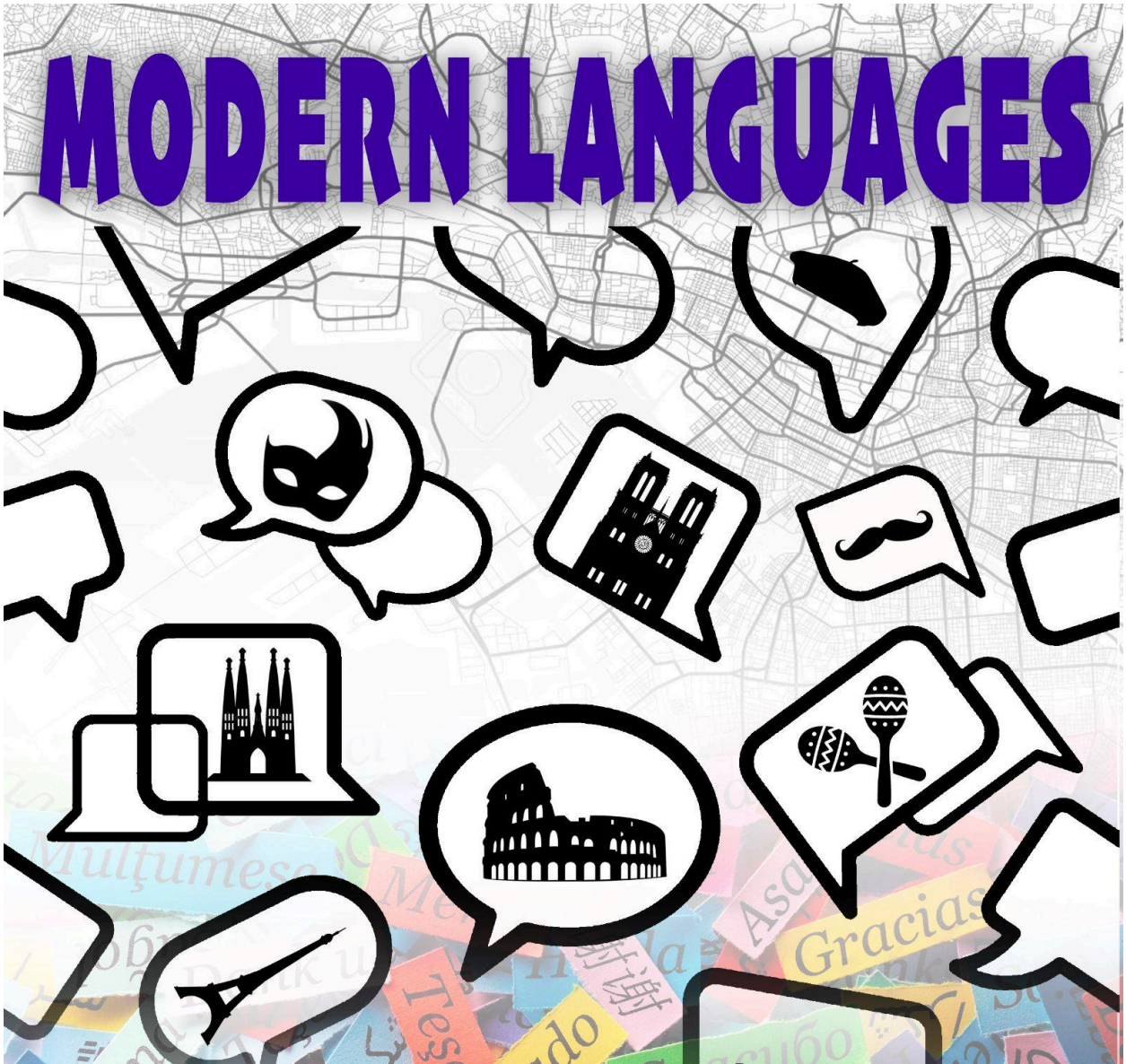
This is a semester-long course designed for newcomer English Learners to help them adjust to school life, develop academic and social-emotional skills, and gain confidence in a new environment. Students learn about school routines, attendance, schedules, and available support systems while practicing how to use essential technology tools, such as Chromebooks, PowerSchool, Google Classroom, and TalkingPoints. The course also emphasizes cultural awareness, responsible digital citizenship, and positive communication with teachers and peers. Through team-building activities, reflection, and guided practice, students develop the organizational, language, and collaboration skills necessary for success in high school and beyond.

WORLD LANGUAGE - BILINGUAL COURSE OFFERINGS (Course descriptions are the same as their general education counterparts.)

Math - Algebra I, Geometry, Intermediate Algebra, Algebra II

Science - Biology, Chemistry, Environmental Science

Social Studies - Civics



WORLD LANGUAGE - SPANISH COURSE OFFERINGS

WORLD LANGUAGE				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
Spanish				
AP Spanish	AP	12	2	1
Latin American Culture & Society	HN	11,12	2	1
Spanish I	ST	9,10,11,12	2	1
Spanish I Dual Language	ST	9,10	2	1
Spanish II	ST	9,10,11,12	2	1
Spanish II Dual Language	ST	10	2	1
Spanish III Honors	HN	11,12	2	1
Spanish IV Honors	HN	11,12	2	1
Spanish IV Honors DC	DC	11,12	2	1

Spanish Language Sequence

*Enrollments may determined by placement test and teacher recommendation

Spanish I or Spanish I Dual Language
Grades 9-12

Spanish II or Spanish II Dual Language
Grades 9-12

Spanish III Honors
Grades 11-12

Spanish IV Honors
Grades 11-12

Spanish IV Honors or Dual Credit
Grades 11-12

Latin American Culture & Society Honors
Grades 11-12

Spanish Language Sequence

*Enrollments may determined by placement test and teacher recommendation

AP Spanish Language & Composition
Grade 12

WORLD LANGUAGE - SPANISH COURSE DESCRIPTIONS

SPANISH I **Grade 9-12** **Credit 1 – 2 Semesters** **Course#: W100/101**

Prerequisite: None

Listening, speaking, reading, and writing skills are emphasized in this course. Vocabulary memorization and application skills are exercised to provide means for basic communication in Spanish. Vocabulary is presented in a functional way to facilitate utilizing Spanish more quickly. Completion of daily work is essential to success.

SPANISH II **Grade 9-12** **Credit 1 – 2 Semesters** **Course#: W200/201**

Prerequisite: Spanish I

This course is a continuation of the introductory course and a firm foundation of basic Spanish is required. More intensive work on vocabulary development, grammatical structure, and reading comprehension is experienced in this class. Students further their usage skills by responding to everyday situations.

SPANISH III Honors **Grade 10-12** **Credit 1 – 2 Semesters** **Course#: W300H/301H**

Prerequisite: Spanish II

This course concentrates on oral and written communication in the target language. Several texts are used within the framework of the class to include readers, short stories, and grammar review. Culture related content is offered through the study of history,- geography, and literature. Students are encouraged to participate in local and national competitions. *Weighted grade.

SPANISH IV Honors Grade 11,12 Credit 1 – 2 Semesters Course#: W400H/401H

Prerequisite: Spanish III or Spanish Speakers II DL

Students further their mastery of reading, writing, listening and speaking through advanced grammar exercises, compositions, oral presentations and reading materials. They will be exposed to culture through literature, history and geography. Students are encouraged to participate in local and national competitions. *Weighted grade.

SPANISH IV Honors DC Grade 11,12 Credit 1 – 2 Semesters Course#: W400DC/401DC

Prerequisite: McHenry County College Spanish Placement Exam

Students further their mastery of reading, writing, listening and speaking through advanced grammar exercises, compositions, oral presentations and reading materials. They will be exposed to culture through literature, history and geography. This is a dual-credit class. Students are encouraged to participate in local and national competitions. *Weighted grade.

SPANISH I DL Grade 9-12 Credit 1 – 2 Semesters Course#: E100EL/101EL

Prerequisite: Placement Test

This course is tailored to the needs of the student who has had extensive exposure to the Spanish language in the Dual Language Program. The course will focus on grammar, reading, writing, listening and speaking to facilitate academic skills in Spanish. Vocabulary and reading comprehension skills will be broadened through literature. The goal of this course is to improve overall Spanish literacy.

SPANISH II DL Grade 10-12 Credit 1 – 2 Semesters Course#: E100EL/101EL

Prerequisite: Placement Test

This course is a continuation of skills learned in Spanish I DL. Focus on grammar - spelling and punctuation - to facilitate writing skills in Spanish will be stressed. Cultural focus will be on 21 Spanish speaking countries.

LATIN AMERICAN CULTURE & SOCIETY Grade 11,12 Credit 1 – 2 Semesters Course#: W405H/406H

Prerequisite: Spanish II Dual Language

This two-semester honors elective course is designed for those students who have taken enough Spanish language courses to feel comfortable in an advanced Latin America Culture and Society course. This course offers a comprehensive exploration of the diverse cultures, histories, and social dynamics within Latin America. It encourages critical thinking and cultural awareness about modern issues like migration, urbanization, and globalization as well as race, ethnicity, and social classes. Given the complexity of topics in this course, it is reserved only for upperclassman students. *Weighted grade.

AP SPANISH Grade 11,12 Credit 1 – 2 Semesters Course#: E100EL/101EL

Prerequisite: Spanish IV Honors, Placement Test, or Teacher Recommendation

Students further their mastery of reading, writing, listening and speaking through advanced grammar exercises, compositions, oral presentations and reading materials. They will be exposed to culture through literature, history and geography. Students who enroll in this course are required to pay for and take the Advanced Placement Exam in May. *Weighted grade.

COLLEGE & CAREER READINESS - COURSE OFFERINGS

COLLEGE & CAREER READINESS COURSE OFFERINGS				
Course Offerings	**Course Type**	**Grade(s)**	**SEM**	**Credit**
AVID 9 (Advancement Via Individual Determination)	ST	9	2	1
AVID 10 (Advancement Via Individual Determination)	ST	10	2	1
AVID 11 (Advancement Via Individual Determination)	ST	11	2	1
AVID 12 (Advancement Via Individual Determination)	ST	12	2	1
Grade Level Seminar***	ST	9,10,11,12	2	0
Strategies for Success	ST	9	1	.5

COLLEGE & CAREER READINESS - COURSE DESCRIPTIONS

STRATEGIES FOR SUCCESS Grade 9 Credit .5 – 1 Semester Course#: K100/101

Prerequisite: None

Starting high school is a big step involving many new experiences: a different building, new and multiple teachers, and more clubs, sports and challenging academic demands. SFS is a semester long course required of all freshmen. The course is intended to address basic skills and strategies needed in high school including: Getting and Staying Organized, Study Skills, Goal Setting, Decision Making, Study Tools, Career Exploration, and much more

AVID 9,10,11,12 Grade 9, 10, 11, 12 Credit 1 – 2 Semesters

Prerequisite: None

AVID stands for Advanced Placement Via 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.

GRADE LEVEL SEMINAR/ADVISORY Grade 9-12 Credit 0 – 2 Semesters

Prerequisite: None

Grade level seminar meets once a week to enhance college and career readiness. Throughout the year, students will interact with specific college and career focused activities in SchooLinks where they will create and update their 4 year plan and beyond. Additionally, through our partnership with Equal Opportunity Schools (EOS), students will take a survey that collects data on student aspirations, mindsets, academic barriers, and identifies "trusted adults" within the school with whom they feel safe and supported to encourage student enrollment and success in challenging courses. Additional components include life skills, social emotional learning, and building school community. *****Successful completion of Grade Level Seminar is a requirement for graduation for students in graduation classes 2028 and beyond. Students will receive a pass/fail grade. Successful completion of this course will be tied to student privileges each year as well.**

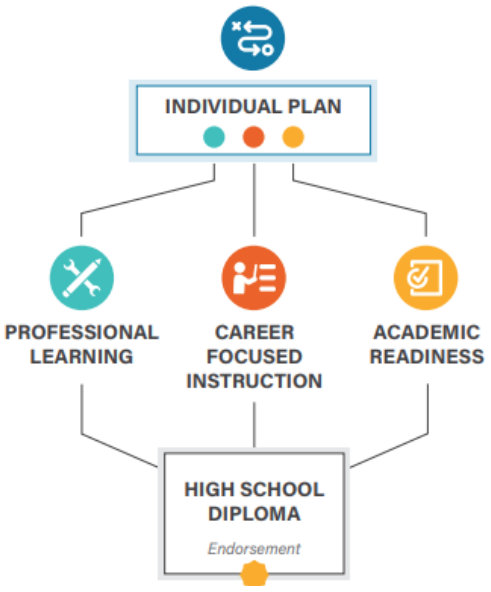
College and Career Pathways

An **Illinois College and Career Pathway Endorsement (CCPE)** is a special distinction awarded on a high school diploma or transcript. It signifies that a student has not only completed their graduation requirements but has also gained deep, "real-world" experience and college-level credit in a specific career field. These endorsements act as a "seal of excellence" for career readiness. Students who complete an endorsement at Harvard High School are celebrated at our senior award recognition event, at the graduation ceremony, and receive a seal on their diploma and transcript. We offer three pathway endorsements in **Health Sciences & Technology** - Emergency Medical Technician , **Health Sciences & Technology** - Nursing Assistant, and **Manufacturing, Engineering, Technology and Trades** - Manufacturing. Although you can, you are not required to declare a pathway as a freshman.

Each pathway consists of dual credit coursework, career exploration activities, team-based challenges, and career development experiences through internships.

Feature	Two Career Exploration Activities	One Intensive Experience
Duration	Short-term (e.g., a few hours)	Multi-day or sustained
Focus	General awareness & exposure	Hands-on training & depth
Examples	Job shadow, Site visit, Career fair	Career Exploration class, Career camp, Career week, Extended job shadow, Structured multi-day experience

College and Career Pathway Endorsements Framework



INDIVIDUAL PLAN

Each student completing an endorsement must have an individualized plan, which includes college planning linked to early understanding of career goals, financial aid, resume, and personal statement.

PROFESSIONAL LEARNING

Awareness, exploration, and preparation activities that provide opportunities for students to interact with adults in their workplace and gain essential employability and technical competencies.

Pathway Requirements

Health Sciences & Technology - Emergency Medical Technician

Coursework:

Requires a minimum of 6 hours of dual credit coursework in the pathway. Prerequisite courses include Biology, Chemistry, & Health. Recommended courses in the pathway include:

Medical Terminology - (Online HHS class taken through Edmentum, .5 high school credit awarded)
Health Occupations (HHS Advanced Health, .5 high school credit awarded)
Anatomy & Physiology (HHS or MCC course, one high school credit or 3 college credits awarded)
AP Biology (*Recommended, not required. .5 high school credit and at least 3 college credits awarded for AP scores 3+)
Emergency Medical Technician* (Taken through MCC's evening program - 10 college credits awarded)
*Students must have their own transportation.

Career Exploration Activities:

The Director of College and Careers will assist students acquire these experiences.

Choose one intensive experience or two regular experiences:

Industry Job Shadow
Self-selected Healthcare Experience
Mercyhealth Job Shadow
Career Exploration Class

Team-Based Challenges:
These experiences are embedded into the EMT course at MCC

First Response EMS Team
First Aid Tent

Career Development Experience Internships (60 hours required)
The Director of College and Careers will assist students acquire these experiences.

Ambulance Ride Alongs
Hospital Emergency Department Clinical Hours

Successful completion of this pathway could lead to professional licensure by the Illinois Department of of Public Health (IDPH).

Health Sciences & Technology - Nursing Assistant

Coursework:
Requires a minimum of 6 hours of dual credit coursework in the pathway. Prerequisite courses include Biology, Chemistry, & Health. Recommended courses in the pathway include:

Medical Terminology - (Online HHS class taken through Edmentum, .5 high school credit awarded)
Health Occupations (HHS Advanced Health, .5 high school credit awarded)
Anatomy & Physiology (HHS or MCC course. One high school credit or 3 college credits awarded)
AP Biology (*Recommended, not required. .5 high school credit and at least 3 college credits awarded for AP scores 3+)
Nursing Assistant I (Taken through MCC's PCCS Program - 7 college credits awarded)
*Transportation to and from the high school and MCC is available.

Career Exploration Activities:
The Director of College and Careers will assist students acquire these experiences.

Choose one intensive experience or two regular experiences:

Industry Job Shadow
Self-selected Healthcare Experience
Mercyhealth Job Shadow

Career Exploration Class

Team-Based Challenges:

*These experiences are embedded into the Nursing Assistant I course at MCC

Stop the Bleed
Hoyer Lift

Career Development Experience Internships (60 hours required)

The Director of College and Careers will assist students acquire these experiences.

Nursing Home - 48 hours are included in the Nursing Assistant I at MCC
Hospital or Care Center
Self-Selected Job Shadow.

*If students are hired by a healthcare facility, paid hours will count towards the requirement. If students are employed, they should also enroll in the "On the Job" course at the high school to earn additional credit for this experience.

Successful completion of this pathway could lead to certification as a Nursing Assistant (CNA) by the Illinois Department of of Public Health (IDPH).

Manufacturing, Engineering, Technology & Trades - Manufacturing

Coursework:

Requires a minimum of 6 hours of dual credit coursework in the pathway. Recommended courses in the pathway include:

Drafting (HHS course, .5 high school credit awarded)
Welding (HHS or MCC course, .5 high school credit or 3 college credits awarded)
Fabrication and Design (HHS course, .5 high school credit awarded)
Precision Metal Production I (HHS Manufacturing Occupations I DC, 1 high school credit and 6 college credits awarded)
Precision Metal Production II (HHS Manufacturing Occupations II, 1 high school credit awarded)
Technical Math (HHS course, .5 high school credit awarded)
AP Calculus AB (*Available, not required. HHS Course, 1 high school credit awarded and at least 3 college credits awarded for AP scores 3+)
Foundations of Technology (Manufacturing & Advanced Technologies MCC PCCS Program - up to 12 college credits awarded)
*Transportation to and from the high school and MCC is available.

Career Exploration Activities:

The Director of College and Careers will assist students acquire these experiences.

Choose one intensive experience or two regular experiences:

Industry Job Shadow
Self-selected Job Shadow
Career Exploration Class

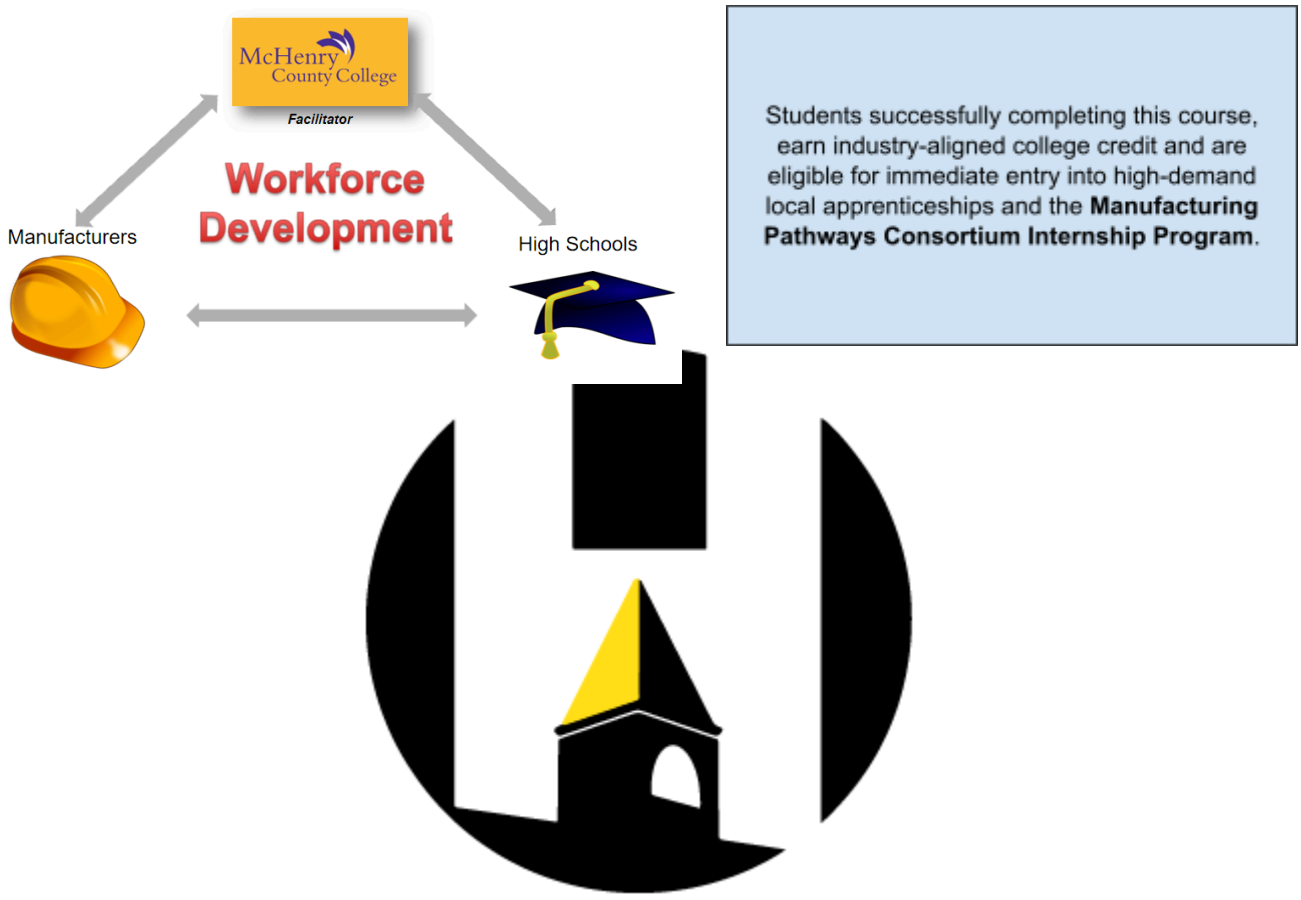
Team-Based Challenges:

*These experiences are embedded into the Manufacturing & Advanced Technologies courses at MCC

Machine Breakdown
Production Defects

Career Development Experience Internships (60 hours required)

The Director of College and Careers will assist students acquire these experience through the McHenry County Manufacturing Pathways Consortium.



state and federal laws prohibiting discrimination. This includes prohibiting discrimination on the basis of race, color, religion, sex, national origin, ancestry, order of protection status, sexual orientation, physical or mental disability, homelessness and marital/parental status, including pregnancy.

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