# Minooka Community High School



# 2027-2028 Curriculum Guide

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# MCHS Board of Education

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# MINOOKA COMMUNITY HIGH SCHOOL

**District #111 mchs.net**

*High expectations and continuous improvement for all.*

We are glad you are a student at Minooka Community High School. This curriculum guide is designed to help you, the student, plan your program of study from the variety of courses offered at Minooka Community High School. Regardless of whether you plan to pursue a college degree, attend technical school, join the military, enter an apprenticeship program, or join the workforce immediately after high school, the courses you choose in high school will have an impact upon future success. Ask for assistance from parents, counselors, and teachers while considering various options.

Please take time to review curriculum guide offerings, and, depending upon post-high school goals, chart the courses needed. If you are a student in the 10th, 11th, or 12th grade, plan the remaining time before graduation and talk to parents, counselors, teachers, and other adults who work in various occupations. Additionally, explore resources available in the Academic Resource Center and take an interest inventory. The more knowledge you have of options, the better planning you can do. While the process might seem like a large amount of work, the payoff is having a better idea of where you might be headed and how to get there.

Please let us know whenever we can be of assistance. The general guideline to contact any staff member by email is: first initial, last name, @mchs.net, example jdoe@mchs.net.

We look forward to helping you achieve your goals through our mission statement; To inspire and motivate our students with an educational experience that leads to achievement and success.

Yours,

The Student Services Department

| South Campus Counselors | Central Campus Counselors |
|---|---|
| Meghan Bednarz | Kristin Carlson |
| Kristina Brown | Angie Ferro |
| Katie Cassidy | Jessica Hopkins |
| Michelle Schoolman | Bobbi White |

*Minooka Community High School District #111 does not discriminate on the basis of race, color, creed, sex, religion, national origin, socio-economic status, disability, age, or marital status. The Board of Education has designated the Director of Student Services, 301 S. Wabena, Minooka, Illinois, 60447, 815-467-2140, ext. 5035, as the district's Title IX/Section 504/Non-discrimination/ADA Compliance Coordinator.*

# COURSE SELECTION AND REGISTRATION

Beginning in November/December, counselors and teachers will assist students in the selection of courses for the following year. Parents are encouraged to contact their student's counselor to assist in this process. **Please note that courses will only run if enrollment is sufficient. If any course is canceled, students will be notified, and an alternate course scheduled.** In February 2027, all registration will be completed, except for new/transfer students.

Subject-level placement of incoming freshmen will be based on the results of 8th grade achievement test scores and grades, and the recommendations of junior high school teachers. Placement of students already enrolled in high school is based upon previous performance and the recommendations of their teachers.

Freshmen through juniors must schedule a minimum of seven courses, including P.E. Students opting for seven courses will be scheduled into Resource. During resource students may complete homework, take advantage of learning labs, spend time in the library and/or Academic Resource Center (ARC), or perhaps serve as an office worker.

Students who move into the district must register with the Student Services Department Assistant Registrar. A parent must accompany the student at the time of registration. Proof of residency, health records, birth certificate and an ISBE transfer form (Illinois public schools) will be required. Records from the previous schools attended will be requested by the Registrar. Until this information is received, a student will not be officially enrolled at MCHS. Homeschool students enrolling at Minooka Community High School will receive a grade of P (Pass) for high school courses on transcripts. Grades marked as P do not calculate into student GPA.

## SCHEDULING OF SENIORS

Seniors have various options in scheduling. Students may elect to enroll in only those courses needed for graduation, entrance to a college or university, preparation for entrance into the workforce, or to accommodate a GAVC program. **Second semester scheduled classes are to be maintained, even if not needed for graduation.** *Athletes must be enrolled in a minimum of five courses per semester to meet I.H.S.A. guidelines (see page 9).

## PROGRAMMING OPTIONS

Minooka Community High School offers several programming options in addition to the traditional 7 or 8 period block schedule. Some on-site options include: Grundy Area Vocational Center, dual credit college classes, and senior flex scheduling. Students interested in finding out about these options should contact their counselor**.**

## SCHEDULE CHANGES

**After February 5, 2027, students' schedules for the entire 2027-2028 school year will be created based on the courses requested at that time. Once the 2027-2028 master schedule has been completed, students may request a course change with their counselor. Course changes will be granted based on available seats in the new course requested. It is the students' and parents' responsibility to carefully review the students' requests to ensure appropriate course selection for the entire year.**

Once pre-registration has been completed and the master schedule developed, changes in a student's schedule can be made within the first 5 sessions of the class only if clearly warranted. Schedule changes will require a Course Change form to be completed. Reasons for changing a schedule within the first 5 sessions of class may include:

- Conflict in scheduling which cannot be resolved
- Failure of summer school or failure to attend summer school
- Clerical error on schedule
- An additional class may be added to replace a resource within the first 5 sessions of that class based upon seating availability. The student will be responsible for all work assigned prior to enrollment in the class.
- Students may request to drop an 8th class and replace it with a resource within the first 5 sessions of that class.
- After first semester in a yearlong, elective course, in which the student earned a D or F for the semester grade, the student may choose to stay in the class, level change if there is an opening, or drop the class and replace it with another class. Please see the *Honors Classes* section pertaining to rules governing class changes in the honors program.

## WITHDRAWAL FROM A COURSE

Students are encouraged to complete the courses they start; however, in the event a student wishes to withdraw from a course s/he will incur a Withdrawal Fail (WF) grade and will be placed in a Resource. Students must complete a *Class Withdrawal Request Form,* which includes approval of parent, teacher, department chair, and counselor. Students are responsible for ensuring all required signatures are obtained on the *Class Withdrawal Request Form.* The transcript will reflect a Withdrawal Fail (WF), which will be calculated into the student's grade point average.

## ADVANCED PLACEMENT PROGRAM

Minooka Community High School participates in the Advanced Placement Program sponsored by the College Entrance Examination Board. The purpose of the program is to allow qualified students to take college-level courses while still in high school. MCHS offers seventeen AP courses. Students enrolling in an AP course will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam, which must be paid at the beginning of the school year when other student fees are paid. Counselors and instructors will assist students in signing up for the exam.

## WRITING INTENSIVE COURSES

The State of Illinois now requires that all students who graduate from high school have two years of writing intensive courses. Students can fulfill this requirement by taking any of the following courses:

AP English Language & Composition
AP English Literature & Composition
JJC English 101
JJC English 102
Creative Writing I & II
English II
English II Honors
English III
Yearbook Publication I & II
AP European History
AP U.S. Government and Politics
AP U.S. History
AP World History
JJC History 103
JJC History 104
Media and Journalism I, II
AP Human Geography
Sports Media

## COMPUTER APPLICATION COURSES

Minooka Community High School requires a minimum of one credit in a computer application course for graduation. A computer application course teaches a specific set of skills on a daily basis to demonstrate a progression of mastery within the application. Courses that fulfill this graduation requirement are listed below.

| Course Name | Grade Level | Application(s) Taught |
|---|---|---|
| AP Computer Science Principles | 9, 10, 11,12 | Code.org programming in JAVA Script |
| Google Apps I | 9, 10, 11, 12 | Google Docs, Sheets, Slides, Forms, Drawing |
| Google Apps II | 9, 10, 11, 12 | Google Docs, Sheets, Slides, GMail, Calendar, Drawing, Earth, Maps, News |
| Digital Art I | 9, 10, 11, 12 | Adobe Photoshop, Graphics Tablet (tool), Photobooth, iMovie |
| Computer Game Design I & II | 9, 10, 11, 12 | CGD1-Scratch<br>CGD2-JAVA/Greenfoot |
| Graphic Design | 9, 10, 11, 12 | Photoshop |
| Media & Journalism I, II, III, IV | 9, 10, 11, 12 | InDesign, EDesign, Photoshop |
| Microsoft Certification | 9, 10, 11, 12 | Microsoft Powerpoint, Microsoft Word, Microsoft Excel, Access |
| Music Technology & Keyboarding | 9, 10, 11, 12 | Finale, Band in a Box, GarageBand |
| Project Lead the Way (PLTW) Introduction to Engineering Design | 9, 10, 11, 12 | Autodesk Inventor |
| Project Lead the Way (PTLW) Principles of Engineering | 10, 11, 12 | Autodesk Invento Professional, Logger Pro 3 |
| Social Media Marketing | 10, 11, 12 | App based video editing |
| STEM I, II | 9, 10, 11, 12 | Autodesk, AutoCad. Inventor Pro, email, Clickteam Fusion 2.5, NXT |
| Web Page Design | 9, 10, 11, 12 | Adobe Dreamweaver, Adobe Photoshop |
| Yearbook I, II, III, IV | 9, 10, 11, 12 | Code HS (HTML/CSS) |

# GRADES

Semester grades are cumulative. Parents are encouraged to monitor their student's progress online here or enter **https://powerschool.mchs.net/public/** into your web browser's address bar.

In calculating the semester grade, grades earned during the 18-week grading period are worth 85% of the total grade for the semester; the semester exam is worth 15%.

Students who have had extended illnesses and have not had the opportunity to complete all work assigned for the grading period will be given an incomplete (I). **Except in unusual circumstances, students will have two weeks to complete assignments, or the grade will automatically become a failing grade (F).**

## SCHOOL WIDE GRADING SCALE

(adopted for the 2013-2014 school year)

| Letter Grade | Percentage Range | GPA Awarded | Weighted GPA Awarded |
|---|---|---|---|
| A+ | 100% - 97% | 4.0 GPA | 5.0 GPA |
| A | 96% - 93% | 4.0 GPA | 5.0 GPA |
| A- | 92% - 90% | 3.7 GPA | 4.7 GPA |
| B+ | 89% - 87% | 3.3 GPA | 4.3 GPA |
| B | 86% - 83% | 3.0 GPA | 4.0 GPA |
| B- | 82% - 80% | 2.7 GPA | 3.7 GPA |
| C+ | 79% - 77% | 2.3 GPA | 3.3 GPA |
| C | 76% - 73% | 2.0 GPA | 3.0 GPA |
| C- | 72% - 70% | 1.7 GPA | 2.7 GPA |
| D+ | 69% - 67% | 1.3 GPA | 1.3 GPA |
| D | 66% - 63% | 1.0 GPA | 1.0 GPA |
| D- | 62% - 60% | .7 GPA | .7 GPA |
| F | 59% - 0% | 0.0 GPA | 0.0 GPA |

## GRADE POINT AVERAGE

Grade point average at Minooka Community High School is computed by dividing grade points earned by the number of attempted credits. Every letter grade is assigned a numerical value (grade points). There is a distinction between weighted courses and regular courses in relation to the assignment of grade points for a particular letter grade.

Each semester, a grade point average will be computed for honor roll purposes. Students who earn a GPA of 3.00 to 3.74 will be placed on the regular honor roll. Students who earn a GPA of 3.75 and above will be placed on the high honor roll.

At the end of a semester, the GPA for that semester will be calculated. In addition, a cumulative GPA, which includes all grades earned while in high school, will be calculated. The cumulative GPA is figured by adding all grade points earned and dividing by the total number of attempted credits. Band and Physical Education will count towards a student's GPA.

## WEIGHTED COURSES

Algebra II Honors
American Sign Language III Honors
American Sign Language IV Honors
Anatomy and Physiology Honors
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science Principles
AP English Language & Composition
AP English Literature & Composition
AP Environmental Science
AP European History
AP Human Geography
AP Microeconomics
AP Macroeconomics
AP Music Theory
AP Physics I
AP Physics C
AP Psychology
AP Statistics
AP U.S. Government & Politics
AP U.S. History
AP World History
Biology Honors
Chemistry Honors
Concert Choir IV Honors
English I Honors
English II Honors
Geometry Honors
Drawing I Honors
Drawing II Honors
Speech Communication Honors
JJC Math 170 Calculus I
JJC Math 128 Statistics
LUC Math 263 Calculus III
PLTW Aerospace Engineering
PLTW Civil Engineering and Architecture
PLTW Introduction to Engineering Design
PLTW Principles of Engineering
Portfolio Honors
Pre-Calculus Honors
Spanish II Honors
Spanish III Honors
Spanish IV Honors
Spanish V AP Language and Culture
Wind Ensemble IV Honors
Wind Symphony IV Honors
Women's Chorale IV Honors

## LATIN HONORS

Minooka Community High School will recognize graduating students whose final GPA, upon the conclusion of eight semesters, falls within the honors levels listed below:

| | |
|---|---|
| **Summa Cum Laude** | **4.0 (+)** |
| **Magna Cum Laude** | **3.85 - 3.99** |
| **Cum Laude** | **3.7 -3.84** |

## REQUIREMENTS FOR PARTICIPATION IN CO-CURRICULAR ACTIVITIES & ATHLETICS GOVERNED BY THE ILLINOIS HIGH SCHOOL ASSOCIATION (IHSA)

To participate in athletics at Minooka Community High School, a student must be enrolled in a minimum of five classes and maintain the following academic standards:

- Pass five classes each semester to participate the following semester.
- Achieve a 1.5 grade point average at the end of each semester to be eligible to participate the following 9-week grading period.
  Any student who fails to meet this requirement will be suspended from further participation until the student attains an overall grade point average of 1.5 in a subsequent 9-week grading period.
- Pass five classes each week to participate the following week.

# GRADUATION REQUIREMENTS

All students attending Minooka Community High School must meet the following graduation requirements:

| CREDITS: | REQUIRED: | ELECTIVES: |
|---|---|---|
| 52 | 37 | 15 |

The required credits are listed below:

7 credits of English (3.5 years.) (Eng. I, Eng. II, and Eng. III required, 1 semester elective)
1 credit of Speech (1 semester)
6 credits of Mathematics (3 years)
6 credits of Science (3 years)
2 credits of U.S. History (1 year)
2 credits of World Cultures OR AP Human Geography (1 year)
1 credit of Government (1 semester)
1 credit of Consumer Education or Economics (1 semester)
2 credits of Art, Vocal/Instrumental/General Music, Vocational Education, or World Language (1 Year)
1 credit of Health (1 semester)
7 credits of P.E./Driver's Education (3.5 years) - *Note: Regardless of how many P.E. courses a student has taken, he or she must be enrolled in P.E. every semester unless taking health, driver's education, or GAVC with a full load of required courses. Students electing to take Driver's Education with a state-certified commercial driving school must still complete 7 credits of Physical Education.*
1 credit of Computer Applications (1 semester)

The remaining credits are earned through electives. Students are encouraged to enroll in electives which are beneficial to their career goals. If a student earns an F for the final semester grade of the course in a sequential course, the student will not be allowed to continue to the next course.

All students must take the college and career readiness assessment as a condition of receiving a regular high school diploma unless the student is exempted for the following reasons:

1. The student's individualized educational program developed under Article 14 of the School Code identifies the Illinois State Assessment as inappropriate for the student: or
2. The student is exempt due to the student's lack of English language proficiency: or
3. The student is enrolled in a program of Adult and Continuing Education as defined in the Adult Education Act.
4. The student is otherwise identified by the state board of education as being exempt.

## CLASS DESIGNATION BY CREDIT

Beginning with the class of 2016, classification as freshman-, sophomore-, junior-, or senior-year students will be based on credits rather than years of attendance. Students must earn a minimum number of credits by the first day of the new academic year in order to be designated as a sophomore, junior, or senior as follows: Sophomore - 13, Junior - 26, Senior - 39.

**A student will not be allowed to participate in the graduation ceremony unless all academic requirements and financial obligations have been met.**

With prior administrative approval, a maximum of 6 units of outside credit may be recovered and counted toward the requirements for graduation from Minooka Community High School from the following: correspondence courses, exchange programs, out-of-district summer school, and independent study/night school. Please check with your counselor for NCAA approval of any courses before enrollment. Note: Dual Credit courses through MCHS are not considered outside credit for purposes of calculating the 6 outside-credit maximum.

## EARLY GRADUATION

Students who have completed graduation requirements by the end of six or seven semesters of school attendance may apply to their counselor for early graduation. Notification of the student's request and verification of the student's eligibility for early graduation will be given by the counselor to the Principal and the Assistant Principal. The Superintendent, or designee, upon the recommendation of the Principal, may grant permission for early graduation to a student. The deadline for application/submission of paperwork is the last day of the semester prior to the semester of graduation. Students interested in an early graduation option should contact their counselors for information. Once the fall semester of the senior year has started, students may not drop classes to declare early graduation.

## REQUESTS FOR TRANSCRIPTS

Minooka Community High School uses Parchment for all transcript requests. Official transcripts will not be sent to a personal email address or home address, only to a school or employer/place of business. Unofficial transcripts for personal use can be obtained through the Registrar. *Additionally, transcripts do not include SAT/ACT test scores. You must request scores directly through the SAT website and the ACT Website.*

## PHYSICAL EXAMINATION REQUIREMENT

### Notice to Parents and 8th Grade Students

The school code Sec. 27-8 requires all incoming high school students to have a health/physical examination with the required immunizations, completed prior to the first day of school. Incoming freshmen must use the **State of Illinois Certificate of Child Health Examination form.** This serves as their sports physical for the first year. ***The Illinois High School Athletic (IHSA) sports physical form CANNOT be accepted as the freshman physical.***

Immunizations must include:

- **Diphtheria/Pertussis/Tetanus (DTP/DTAP)** - Three (3) or more doses, including a booster after the 4th birthday
- **Tdap (Boostix/Adacel**) - One (1) dose of Tdap
- **Polio (OPV/IPV)** - Three (3) or more doses including a booster after the 4th birthday
- **Measles/Mumps/Rubella (MMR)** - Two (2) doses on or after the 1st birthday.
- **Hepatitis B** - All students must provide proof of completed 3-dose series
- **Varicella** - Two (2) doses on or after the 1st birthday or statement from physician verifying disease
- **Meningococcal Conjugate (MCV4)** - One (1) dose received on or after the 11th birthday

Dates of ALL immunizations must be verified by a physician or health care provider. The Student Information (top of page 1) and Health History sections (top of page 2) of the **State of Illinois Certificate of Child Health Examination form** must be fully completed and signed by the parent/legal guardian.

Vision and hearing screening will be done, as mandated, for freshmen during the semester in which they have physical education and for new students in the school district. Vision screening is not a substitute for a complete eye and vision evaluation by an eye doctor. Students will not be required to undergo this vision screening if an optometrist or ophthalmologist has completed and signed a report form indicating an examination has been administered within the previous 12 months and that evaluation is on file at the school.

## PHYSICALS FOR SPORTS

For those students engaging in sports programs, physicals are required each year the students engage in sports. A physical must, according to the Illinois High School Association, be completed within one year of the end of a participant's sports season.
* Freshman physicals are sufficient to satisfy this requirement.

## TRANSFER STUDENT PHYSICAL EXAMINATION REQUIREMENT

***Illinois Transfers:***
The ninth (9th) grade physical is acceptable with complete documentation of all required immunizations from the sending school. It is advisable for parents to request that health records be hand carried to MCHS when the sending school policy permits. Physicals are required, according to school policy, to be on file the first day of attendance at MCHS.

***Out-of-State Transfers:***
Students transferring into Illinois schools for the first time, at any grade level, are required to submit a physical examination report, completed within one year prior to the enrollment date. A sports physical is not acceptable. The report must contain complete immunization requirements since birth. (Please take note of the above Illinois School Code schedule of immunizations required.) Transfer students are required to have this on the first day of attendance.

## DENTAL REQUIREMENT

In accordance with Public Act 100-0829, all incoming freshmen are **required** to have a dental exam performed by a dentist by May 15 of their 9th grade school year. Health exam and dental forms may be obtained online at the MCHS website under ***Departments*** in the drop down, ***Nurse's Office***.

## SUGGESTED COLLEGE PREP CURRICULUM

For students planning to enter a four-year university or a community college transfer program, below are the MINIMUM suggested requirements:

| | Years |
|---|---|
| English | 4 (Eng. I and II, English III & IV) |
| Math | 3 (including algebra, geometry, advanced math) |
| Science | 3 (Chemistry, Biology, and Physics) |
| Social Science | 3 (World Cultures/AP Human Geography, US History/JJC US History, Government, and Consumer Ed) |
| World Language, Art, and Music | 2 |

Because each college has its own entrance requirements, it is essential that parents and students carefully review the specific requirements of the colleges being considered for attendance. This includes seniors choosing their course loads. Many admissions officers consider the rigor of the 4th year course load. **Students are reminded that, once registration has been completed by February 5, 2027, student schedules for the entire 2027-2028 school year will be created based on the courses requested at that time.**

## March

## NCAA ELIGIBILITY REQUIREMENTS

Beginning August 1, 2016, the GPA required to receive athletically-related financial aid and participate in athletics at any Division I and II college or university rises from a 2.0 to 2.3. Also, on August 2, 2016 ten (10) of the required core courses must be completed before the start of the seventh semester. The National Collegiate Athletic Association regulations regarding college freshman eligibility to receive athletically-related financial aid and to participate in athletics at any Division I and II college or university are as follows:

DIVISION I

**16 CORE COURSES**

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 1 additional year of English, mathematics Or natural/physical science
- 2 years of social science
- 4 additional years of courses (from any area above, foreign language or non-doctrinal religion/philosophy)

DIVISION II

**16 CORE COURSES**

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (1 year of lab if offered by high school)
- 3 additional years of English, mathematics or natural/physical science
- 2 years of social science
- 4 additional years of courses (from any area above, foreign language or non-doctrinal religion/philosophy)

## NCAA ELIGIBILITY REQUIREMENTS
### NCAA CORE-COURSE REQUIREMENTS

For purposes of meeting the core curriculum requirements to establish initial eligibility at an NCAA Division I or II college or university, a "core course" must meet **all** of the following criteria:

a. A course must be a recognized academic course and qualify for high-school graduation credit in one or a combination of the following areas: English, mathematics, natural/physical science, social science, foreign language, computer science or non-doctrinal religion/philosophy; ***IMPORTANT NOTICE: for students first entering a collegiate institution on or after August 1, 2005, computer science courses cannot be used to meet initial-eligibility requirements.**
b. A course must be considered college preparatory by the high school. College preparatory is defined for these purposes as any course that prepares a student academically to enter a four-year collegiate institution upon graduation from high school;
c. A mathematics course must be at the level of Algebra I or a higher level mathematics course;
d. A course must be taught by a qualified instructor as defined by the appropriate academic authority (e.g., high school, school district or state agency with authority of such matters); and
e. A course must be taught at or above the high school's regular academic level (i.e., remedial, special education or compensatory courses shall not be considered core courses). However, the prohibition against the use of remedial or compensatory courses is not applicable to courses designed for students with learning disabilities.

The Minooka Community High School courses **NOT APPROVED** as NCAA core courses are as follows: Media and Journalism I, II, III, IV; Sports Literature; Yearbook I, II, III, IV; Acting I, II; Debate; Dramatic Arts; Consumer Ed; Local History; SC Math I, II, III, IV.

**Note:** Courses taught via the Internet, distance learning, independent study, individualized instruction, correspondence, and courses taught by similar means, may be used to satisfy NCAA core-course requirements if **all** of the following conditions are satisfied:

a. The course meets all requirements for a core course as defined above;
b. The instructor and the student have access to one another during the duration of the course for purposes of teaching, evaluating and providing assistance to the student;
c. Evaluation of the student's work is conducted by the appropriate academic authorities in accordance with the high school's established academic policies; and
d. The course is acceptable for any student and is placed on the high school transcript.

Please see your counselor for a list of approved courses to fulfill the NCAA requirements. NOT ALL MCHS COURSES ARE APPROVED. Eligibility is determined by core GPA/ACT Sum Score Index.

Prospective student-athletes will be able to access information on eligibility requirements, register with the NCAA Eligibility Center, and access individual records through the NCAA Eligibility Center.

## HONORS CLASSES

One of the first decisions you will need to make regarding your high school education involves choosing appropriate classes. The English, Math, Science, Social Studies, CTE, World Languages, Art, and Music Departments offer both regular and honors courses to fulfill our students' needs and challenge their academic abilities.

If you elect to take regular classes, you need only complete the registration forms provided by the high school.

Honors courses expand upon the depth and complexity of course content, involve accelerated pacing and skill development, require significant critical thinking, and demand individual accountability.

**There are many benefits of enrolling in the honors program at MCHS, but those benefits come with high expectations. Honors students are expected to produce high quality work, maintain above average grades, take advantage of enrichment opportunities, and might be asked to complete summer work (for review and/or enrichment) before the first day of school.**

### Exit/Withdrawal from the Honors Program

Students who register for honors classes are expected to complete a minimum of one semester before being considered for withdrawal due to grades. Students who receive a 1st semester grade of D in a yearlong, required course may remain in the course or level change (drop out of the honors program). Students who receive a 1st semester grade of D in a yearlong, elective course may remain in the course, level change (drop out of the honors program), or drop the class (drop out of the honors program). Students receiving a D at the end of the course, either after a one- or two-semester honors course, may be dropped from the honors program. Students receiving an F for a semester grade in an honors course will be dropped from the honors program; however, if the class is required, a level change will be necessary.

Students may be dropped from the honors program if they are not progressing or repeatedly fail to meet the expectations of the class. Students interested in the honors program should contact their counselor (incoming freshmen) or appropriate departmental instructional leader (current MCHS students).

# DUAL CREDIT COURSES

## JOLIET JUNIOR COLLEGE DUAL CREDIT COURSES

In following Joliet Junior College requirements for an adjunct curriculum, MCHS students will be provided the opportunity to earn college credit and high school credit, commonly referred to as dual credit, within one course. **Please note students will be responsible for paying a $12 per credit fee paid directly to Joliet Junior College.**

### JJC Dual Credit Courses

JJC English 101-Rhetoric .....3 credits
JJC English 102-Rhetoric .....3 credits
JJC 102-Exploration of American Music.....3 credits
JJC History 103-U.S. to 1865 .....3 credits
JJC History 104-1865 to Present.....3 credits
JJC History 105-Western Civilization I .....3 credits
JJC History 106-Western Civilization II.....3 credits
JJC Math 127-Math for General Education.....3 credits
JJC Math 128-Elementary Statistics .....4 credits
JJC Math 170-Calculus I.....5 credits
JJC Political Science 101-American National Government .....3 credits
JJC COMM 101-Principles of Speech Communication .....3 credits
JJC Bio 146 Environmental Biology .....3 credits
JJC Finance 100……...3 credits
JJC Accounting 100.....3 credits
JJC CIS 126 Microsoft.....3 credits
JJC Welding 101.....3 credits
JJC Welding 110.....3 credits

## HOW TO ENROLL IN A JJC DUAL CREDIT COURSE

1. Complete a JJC application online at www.jjc.edu/academics/registration/dual-credit/Pages/students.aspx.
2. In most courses, students must take the Accuplacer/ALEKS test, earn a minimum score, and bring that score report to their MCHS counselor no later than February 2, 2027, to be eligible to register for the course. (Please see the individual course descriptions in this Program Planning Guide for all specific course requirements.)
3. Students are required to have earned a "C" or better in all previous JJC courses in order to continue registering for additional dual credit courses.

### Disclaimers

- It is important to understand that not all colleges/universities will accept the JJC courses offered to MCHS students. Dual credit is subject to change based upon revisions made by Joliet Junior College. Minooka Community High School has no control over this entity.
- Students who register for these classes are advised to check with the individual college/university they are interested in attending to verify if the JJC courses will be accepted as required or elective credits.
- Students and parents should be aware that the content within these courses is at the college level which may include, but not be limited to, adult subject matter, amount of homework, reading level, and overall general expectations.
- The grading scale for the previously listed JJC courses is as follows:

90 - 100 = A Excellent
80 - 89 = B Good
70 - 79 = C Average
60 - 69 = D Below

- JJC courses are governed by the expectations outlined in each JJC course syllabus. These expectations include but are not limited to: attendance, make-up work, and grading practices. These may differ from the expectations outlined in the MCHS handbook.

## JJC SCHEDULE CHANGES

- Students may not drop a JJC course after the published JJC drop date.
- Students with a D or F choosing to drop a JJC course prior to the published JJC drop date:
  - will be enrolled in an MCHS equivalent course if the course is needed for graduation.
  - the JJC grade will transfer to the new course and the student will be responsible for all previously covered course content.
  - will be placed in a resource if that course is not needed for graduation.

## COLLEGE OF DUPAGE DUAL CREDIT

In following College of DuPage requirements for an adjunct curriculum, MCHS junior and/or senior students will be provided the opportunity to earn college credit and high school credit, commonly referred to as dual credit, within one course. **Please note students will be responsible for paying a credit fee paid directly to College of DuPage.**

**COD Dual Credit Courses**

Clothing Construction III (Fashion 1200).....3 credits

## LOYOLA UNIVERSITY CHICAGO DUAL CREDIT

In following Loyola University requirements for an adjunct curriculum, MCHS junior and/or senior students will be provided the opportunity to earn college credit and high school credit, commonly referred to as dual credit, within one course. **Please note students will be responsible for paying a credit fee paid directly to Loyola University.**

**Loyola University Dual Credit Courses**

Calculus III (Math 263) ….....4 credits

## UNIVERSITY of St. FRANCIS DUAL CREDIT

In following University of St. Francis requirements for an adjunct curriculum, MCHS junior and/or senior students will be provided the opportunity to earn college credit and high school credit, commonly referred to as dual credit, within one course. This additional course fee is applied to the MCHS student fee balance.

**University of St. Francis Dual Credit Courses**

Exploring the Teaching Profession (EDUC 107).....3 credits
Technology for Teaching and Learning (EDUC 225).....3 credits

# COLLEGE AND CAREER PLANNING CALENDAR

## FRESHMAN YEAR

**AUGUST TO DECEMBER**

- Take the PreACT and score 12-30 in English, 17-30 in Math, 17-30 in Reading, and 18-30 in Science
- Complete a Course Planner
- Complete career activities in Xello

**JANUARY TO MAY**

- Register for sophomore classes by selecting an English, Math, Science, World Language class, and Physical Education
- Attend Lunch and Learns
- Attend Career Exploration Fair

## SOPHOMORE YEAR

**AUGUST TO DECEMBER**

- Check college brochures/catalogs
- Take the PreACT and score at least 14-35 in English, 19-35 in Math, 19-35 in Reading, and 20-35 in Science
- Complete a Course Planner
- Complete career activities in Xello and continue to develop Xello profile

**JANUARY TO MAY**

- Register for junior classes by selecting an English, Math, Science, Social Studies, World Language class, and Physical Education.
- Attend Career Exploration Fair

## JUNIOR YEAR

**SEPTEMBER TO OCTOBER**

- Visit the MCHS Academic Resource Center
- Check college brochures and catalogs
- Take the PreACT (Fall) and score 16-35 in English, 20-35 in Math, 21-35 in Reading and 21-35 in Science
- Take the PSAT/NMSQT (Optional)
- Goals for PSAT- 460 in Evidence-Based Reading and Writing and 510 in Math
- Visit college, military, and career reps in the MCHS Academic Resource Center
- Attend the College Fair at Joliet Junior College
- Participate in MCHS Career Day
- Modify 4-year plan sheet

**NOVEMBER TO JANUARY**

- See your counselor for an interpretation of PreACT results
- Attend Financial Aid Night at MCHS
- Contact your counselor to verify fulfillment of graduation and college requirements

**FEBRUARY TO APRIL**

- Carefully register for senior courses
- ACT Preparation
  - attend Excel Edge classes
  - ACT Prep Courses
- Attend College Selection Night at MCHS
- Visit college campuses
- Take the ACT

## SENIOR YEAR

**SEPTEMBER TO NOVEMBER**

- Register to repeat the ACT, if necessary
- Visit with college, military and career reps in the ARC
- Attend College Fair at Joliet Junior College
- Attend College Application Night at the high school
- Investigate institutional and national scholarships
- Submit college application - check for:
  - early decision/early action deadlines
  - application deadlines
  - majors with specific deadlines
- Submit transcripts

**DECEMBER TO JANUARY**

- Attend Financial Aid Night
- Investigate local scholarships
- Participate in the Alumni Roundtable discussions

**FEBRUARY TO MAY**

- Continue to investigate scholarships
- Submit housing deposit
- Request final transcripts

*** The MCHS Academic Resource Center (ARC) offers additional resources for college and career planning.**

# MCHS 6 Career Clusters & Aligned Course Pathways

## MCHS 6 Career Clusters & Aligned Course Pathways



### Arts, Visual/Audio Media, & Communication (AMC)

- Journalist / Broadcast Reporter
- Graphic Designer / Digital Artist
- Audio Engineer / Sound Technician
- Commercial Photographer / Videographer



### Business, Finance & Marketing (BFM)

- Accountant / Financial Analyst
- Marketing Manager / Digital Specialist
- Entrepreneur / Small Business Owner
- Corporate Communications Specialist



### Family & Consumer Sciences (FACS)

- Executive Chef / Culinary Arts Director
- Early Childhood Educator / Preschool Director
- Interior Designer / Residential Stylist
- Fashion Buyer / Retail Merchandise Manager



### Health & Human Services (HHS)

- Registered Nurse / Healthcare Specialist
- Clinical Psychologist / Behavioral Therapist
- Physical Therapist / Strength & Conditioning Coach
- Attorney / Legal Analyst



### Industrial Technology (IT)

- Welder / Manufacturing Technician
- Automotive Master Technician
- Construction Project Manager / Carpenter
- Agricultural Equipment Specialist / Ag Engineer



### Science, Technology, Engineering & Mathematics

- Mechanical / Biomedical Engineer
- Software Developer / Computer Scientist
- Chemical / Research Scientist
- IT Support / Network Infrastructure Specialist

# MCHS CAREER CLUSTERS & POTENTIAL CAREERS

1. Arts, Visual/Audio Media, & Communication (AMC)

- **Journalist / Broadcast Reporter**: Investigates stories, conducts interviews, and reports news for print, digital, or broadcast media outlets.
- **Graphic Designer / Digital Artist**: Creates visual concepts using computer software or by hand to communicate ideas that inspire, inform, and captivate consumers.
- **Audio Engineer / Sound Technician**: Manages sound recording, mixing, and reproduction equipment for live performances, music production, film, or TV.
- **Commercial Photographer / Videographer**: Captures and edits high-quality visual content for marketing, editorial, events, or commercial advertising campaigns.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Associate or Bachelor's degrees in Journalism, Graphic Design, Digital Media, Audio Engineering, Fine Arts, or Photography.
- **Industry Certifications**: Adobe Certified Professional (Photoshop, Illustrator, Premiere Pro), Avid Pro Tools Certification.

2. Business, Finance & Marketing (BFM)

- **Accountant / Financial Analyst**: Examines financial records, prepares tax documents, and provides strategic financial guidance to individuals or organizations.
- **Marketing Manager / Digital Specialist**: Develops campaigns to promote products or services, analyzes market trends, and drives customer engagement.
- **Entrepreneur / Small Business Owner**: Launches, operates, and scales commercial ventures by identifying market opportunities and managing resources.
- **Corporate Communications Specialist**: Crafts professional written content, press releases, and internal communications to maintain brand voice and corporate image.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Associate, Bachelor's, or Master's degrees in Accounting, Finance, Business Administration, Marketing, or Economics.
- **Industry Certifications**: Microsoft Office Specialist (MOS) Excel, QuickBooks Certified User, Certified Public Accountant (CPA).

3. Family & Consumer Sciences (FACS)

- **Executive Chef / Culinary Arts Director**: Oversees kitchen operations, designs menus, and manages food preparation standards in restaurants or hospitality venues.
- **Early Childhood Educator / Preschool Director**: Develops and implements early childhood curriculum to support cognitive, physical, and emotional growth in young children.
- **Interior Designer / Residential Stylist**: Plans, designs, and furnishes interior spaces to maximize functionality, safety, and aesthetic appeal for clients.
- **Fashion Buyer / Retail Merchandise Manager**: Selects and purchases apparel and consumer products for retail stores while analyzing market trends and consumer demand.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Associate or Bachelor's degrees in Culinary Arts, Early Childhood Education, Hospitality Management, or Interior Design.
- **Industry Certifications**: ServSafe Food Handler / Manager Certification, Gateways Early Childhood Education Credential.

4. Health & Human Services (HHS)

- **Registered Nurse / Healthcare Specialist**: Provides direct patient care, administers medical treatments, and coordinates healthcare services alongside physicians.
- **Clinical Psychologist / Behavioral Therapist**: Evaluates, diagnoses, and treats mental health disorders, offering therapeutic support to individuals and families.
- **Physical Therapist / Strength & Conditioning Coach**: Helps patients recover from injuries, improve movement, and enhance athletic performance through specialized physical regimens.
- **Attorney / Legal Analyst**: Advises clients on legal rights and responsibilities, drafts legal documents, and represents parties in legal proceedings.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Associate, Bachelor's, or Advanced Professional degrees (BSN, MSW, DPT, JD, MD) in Nursing, Psychology, Pre-Law, or Health Sciences.
- **Industry Certifications**: Certified Nursing Assistant (CNA), CPR & First Aid, Emergency Medical Technician (EMT).

5. Industrial Technology (IT)

- **Welder / Manufacturing Technician**: Joins metal components using precise thermal processes and interprets blueprints for structural and industrial projects.
- **Automotive Master Technician**: Inspects, diagnoses, maintains, and repairs mechanical and electronic systems in modern automotive vehicles.
- **Construction Project Manager / Carpenter**: Oversees building projects from inception to completion, managing carpentry, structural framing, safety, and crew coordination.
- **Agricultural Equipment Specialist / Ag Engineer**: Maintains and innovates mechanical systems and heavy machinery used in agricultural production and resource management.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Apprenticeships, Vocational Certificates, or Associate/Bachelor's degrees in Welding, Automotive Technology, Construction Management, or Agricultural Engineering.
- **Industry Certifications**: AWS Welding Certification, ASE Automotive Certification, OSHA 10/30 Safety Certification.

6. Science, Technology, Engineering & Mathematics (STEM)

- **Mechanical / Biomedical Engineer**: Applies principles of engineering, physics, and materials science to design, develop, and test physical products and medical devices.
- **Software Developer / Computer Scientist**: Writes code, designs applications, and builds software platforms to solve complex computational problems.
- **Chemical / Research Scientist**: Conducts laboratory experiments, analyzes chemical compounds, and researches practical applications for industry or medicine.

**IT Support / Network Infrastructure Specialist**: Configures computer systems, maintains network security, and diagnoses hardware and software technical issues.

Educational Requirements & Pathways

- **Post-Secondary Pathways**: Bachelor's, Master's, or Doctorate degrees in Computer Science, Mechanical/Biomedical Engineering, Chemistry, or Information Technology.
- **Industry Certifications**: CompTIA A+ / Security+, Autodesk Certified User (AutoCAD/SolidWorks), Python / Java Programming Certifications.

## COLLEGE APPLICATIONS

Apply only to colleges you would seriously consider attending if accepted. Check to see if the institutions have any type of early-action deadlines for applications. It is recommended that applications be submitted prior to Thanksgiving of your senior year.

**Application Process:**

- Fill out the application online or paper form neatly in blue or black ink
- Fill out the transcript request form (obtained from your counselor)
- Bring the application and transcript request forms with an addressed envelope to your counselor
- Allow at least 2 days for processing/mailing
- ***Transcripts are not given to students or parents***
- Do not mail applications separately from your transcript
- If applying by Web site, be sure to request a transcript from your counselor

**Applications Consist of:**

- Application Form
- High School transcripts
- Standardized test scores
- Teacher recommendations (if requested)
- Personal statement (if requested)
- Application fee (if required)

## SELECTING A COLLEGE

Consider various criteria when selecting a college.
Importance of each criteria varies per individual:

- Academic level
- Curriculum
- Cost
- Fraternities and sororities
- Geographic location
- Size of community
- Size of school
- Sports and extracurricular activities

After narrowing choices, consider these guidelines:

- Fulfilling eligibility for admission
  - class rank
  - standardized test scores
  - specific high school coursework
- Taking any required standardized tests (required tests vary by institution)
  - SAT
  - ACT
- Visiting campuses

## QUESTIONS TO ASK COLLEGE REPRESENTATIVES

**Your time with visiting college representatives is limited, so it is important to use the time efficiently. Below are some suggested questions to ask:**

1. How many students are there at your institution? How many are graduate students? What is the male/female ratio?
2. What is the campus like (i.e., size and location to nearest city or downtown area)?
3. What is the makeup of the student body (i.e., from what states, commuter versus residential, religious backgrounds, cultural diversity, most popular majors)?
4. What is the housing situation? Where can freshmen live? What are the residence halls like? What percent of the students live on campus? What about meal service?
5. What percent of students return for their sophomore year? Remain to graduate? In how many years?
6. What are the strong majors at your college? Do you have the major(s) I am considering? What percent of the students are in that major? How difficult is it to change majors?
7. What are the sizes of the classes at each level? Are they taught by professors or graduate students? Are faculty accessible outside of class?
8. What opportunities are there for research, independent study, and study abroad? Are there internships or co-ops available? What percentage of students take advantage of these?
9. What kinds of clubs and activities are there? Are there fraternities and sororities on campus?
10. Do you have an honors program or special academic program such as a residential college?
11. How extensive are the services in the job placement office? What is the placement rate in medical or law school? Do you have career planning and counseling services?
12. Is the sports program large and diverse? Are you known for a particular sport? Are you NCAA or NAIA? Are there athletic scholarships? How popular are intramurals?
13. Are there specific facilities in my interest area (i.e., radio station, computer access)?
14. What are your admission standards? What kind of student are you looking for? What percent of the applicants are admitted?
15. What is the tuition, room and board, and total cost (in my program) at this school?
16. What kind of financial aid is available? What scholarships are offered? How to apply for those scholarships:
17. What arrangements must I make to visit your campus? Are there special visitation days or programs for high school students?
18. Are there admission deadlines of which I need to be aware?
19. Does your college require that transcripts be sent in the middle of the year?
20. What differentiates this school over another similar one? (you might even want to name other colleges you are considering) - what's really special about your school?

Most colleges and universities require the results of standardized college entrance exams as part of the application process. Schools also ask prospective students to take placement tests to determine their level of proficiency in various subjects. Some schools also grant college credit and/or placement to students obtaining high scores on certain exams. Standardized national tests are summarized below:

### National Merit Scholarship Qualifying Test (PSAT/NMSQT)

This is a practice test for the SAT and the first step in qualifying for the National Merit Scholarship Program. This exam also identifies outstanding Black and Hispanic students for scholarship programs. Sophomores and Juniors may take the NMSQT in October. Preparation programs are available in all schools. Results are interpreted for students by counselors in December and January of the junior year. This is not a college admissions test.

### SAT

The SAT is required for admission by most colleges and universities. Most institutions will accept either the SAT or the ACT for admission. It is recommended that students take the SAT in the spring of their junior year. Registration materials are available in all Student Services Offices. A variety of preparation courses and seminars exist to help students prepare for the SAT.

### Advanced Placement Tests (A.P.)

These required comprehensive examinations are given in May in various subject areas. The cost of each test is currently $97. Students enrolled in Advanced Placement courses in their high school prepare for these tests. Students scoring well on these exams, earn college credit and/or placement in the corresponding academic disciplines in many colleges/universities. Registration and testing are handled directly through the individual Advanced Placement classes.

### Test of English as Foreign Language (TOEFL)

The purpose of the TOEFL test is to evaluate the English proficiency of people whose native language is not English. College admissions personnel may use this in addition to either the standard ACT or SAT test scores. Students who have been in the United States for a short time should inquire about TOEFL in the Student Services Office.

### ACT (American College Testing)

The American College Testing (ACT) is required for admission by most colleges and universities. Most institutions will accept either the ACT or the SAT for admission. It is recommended that students take the ACT in spring of their junior year. Registration materials are available in all Student Services Offices. A variety of preparation courses and seminars exist to help students prepare for the ACT.

### SAT Subject Tests

Select colleges require the SAT in specific subject areas and use them for admissions and/or placement. Of those colleges that require SAT subject tests, most schools recommend students to take one or more SAT subject tests. Each test is a 60-minute multiple choice exam. Registration materials are available in all Student Services Offices.

### College Level Examination Program (CLEP)

This College-Level Examination Program is given on various college campuses each month. Joliet Junior College offers the CLEP exams by appointment only. University of St. Francis schedules a CLEP exam on an individual basis. Contact either CLEP testing center for further information. Anyone may register for these tests through the college he/she plans to attend. There is no specific course preparation. College credit and/or placement may be earned from the college or university, if the test score is high enough. Nearly 1,000 colleges and universities participate in the program. Call your college or university for further information.

**The United States Military Services** provides challenges and offers career training opportunities for high school graduates. Minooka District #111 is visited regularly by representatives from each Branch of Service during lunch periods. Military recruiters will provide complete information about the benefits and requirements involved in a military career.

Students must know that entrance into the United States Armed Forces is based upon rigid standards on aptitude test scores, as well as a physical examination. The Armed Services Vocational Aptitude Battery (A.S.V.A.B.) is the test which determines admission and eligibility for military training programs. It is offered in most high schools based on the number of students interested, or it may be taken through arrangements with a local military recruiter. Sophomores, juniors, and seniors are welcome to take the test whether they are planning a military career or not. No special testing provisions for special education students are available.

In addition to full-time military service, opportunities exist in reserve units, National Guard units, university Reserve Officer Training Corps (R.O.T.C.) programs, and military academies. A variety of educational benefit programs can help finance a college education for members of the military. The information, which follows, will help you decide if a military career is appropriate for your future.

## Enlistment Options

A variety of enlistment opportunities is available, including active- and reserve-duty options. Most active-duty programs range from two to six years, with three- and four-year enlistments the most common. Selection depends on the individual's general and technical aptitudes, personal preferences, and the needs of the Service. Women are now eligible to enter 95% of all military specialties, with only those fields involving combat duty being excluded.

## General Enlistment Qualifications

Although specific enlistment requirements for each Service or enlistment option within a particular Service may vary, all branches have certain general qualifications. Enlistees may be either single or married, but they must be between the ages of 17 and 35. All branches prefer a high school diploma. Both a written examination (A.S.V.A.B.) and a physical examination are required.

## Delayed Entry Program

High school students, who may wish to enlist into a branch of the military, should investigate the advantages of enlistment up to one year before reporting for duty.

## Occupations in the Military

Each year, the Armed Forces provide hundreds of thousands of men and women basic and advanced training that can be used in both military and civilian careers. Although many people make the Armed Forces a career, some plan to use the skills and training obtained in the military as a stepping stone for a civilian career. A discussion of the relation of each military job category to civilian occupations can be found in the Military Careers publication and the military files in each high school’s Student Services area.

## Military Academies

U.S. Air Force Academy, U.S. Coast Guard Academy, U.S. Naval Academy at Annapolis, the U.S. Military Academy at West Point, U.S. Merchant Marine Academy: The federal service academies provide a four-year college program leading to a Bachelor of Science degree. Free room and board, tuition, medical care, and a monthly allowance are provided. Graduates receive regular or reserve commissions and have a five-year active-duty obligation. Applications to the service academies should start at the end of the junior year. **Admission is very competitive** and based on a strong high school academic record, leadership activities, athletic ability, college entrance exams, and recommendations from teachers or school officials. The first step is to request a nomination to an Academy from your U.S. Representative or Senator. Individuals desiring to seek academy appointments should confer with their counselor early in the junior year to verify their eligibility and ensure their proper direction in pursuing an application and nomination.

## R.O.T.C.

The Reserve Officer Training Corps is a college program offered at more than 1,000 colleges and universities across the United States. Trainees take two to five hours of military instruction a week, in addition to regular college courses. Students in the last two years of an R.O.T.C. program and all those on R.O.T.C. scholarships receive a monthly allowance while attending school and additional pay for summer training. After graduation, they serve as officers for a stipulated period of time. Upon being commissioned, they may receive an appointment to active duty or to a reserve or National Guard unit.

## R.O.T.C. Scholarships

The scholarship partially or fully funds college tuition, textbooks, fees, and other academic expenses. Students also receive a tax-free subsistence allowance each school year. The scholarships apply to any university which has an R.O.T.C. Program. Competition for these scholarships is very high. 90% of the recipients rank in the top quarter of their high school classes and have high ACT or SAT I scores. Leadership potential demonstrated in extracurricular activities also is an important factor. Application procedures should start at the end of the junior year or early in the senior year.

## Officer Candidate School

College graduates also may earn a commission in the Armed Forces through Officer Candidate School Programs in the Air Force, Army, Coast Guard, Marine Corps, and Navy, as well as in the National Guard. A limited number of outstanding enlisted personnel are eligible for promotion through this program.

## Air National Guard/Army National Guard

Serving in the Air National Guard/Army National Guard is equivalent to having a part-time job while still in school or working full time. Students may join while still in high school (if 17 years or older). After initial training, commitment is for one weekend a month and two weeks of annual training. Membership after a stipulated period of time in the State of Illinois National Guard qualifies for grants of 100% in tuition and most fees at any state-supported institution.

## Reserves (Army/Air Force/Coast Guard/Marines/Navy)

Military Reserve units involve individuals committing to an initial basic and specific job training period followed by continued regular meetings and training activities. Educational benefits may be acquired in a similar manner to other active branches of the military while obligations are met over a protracted period of time in a manner like that of the National Guard.

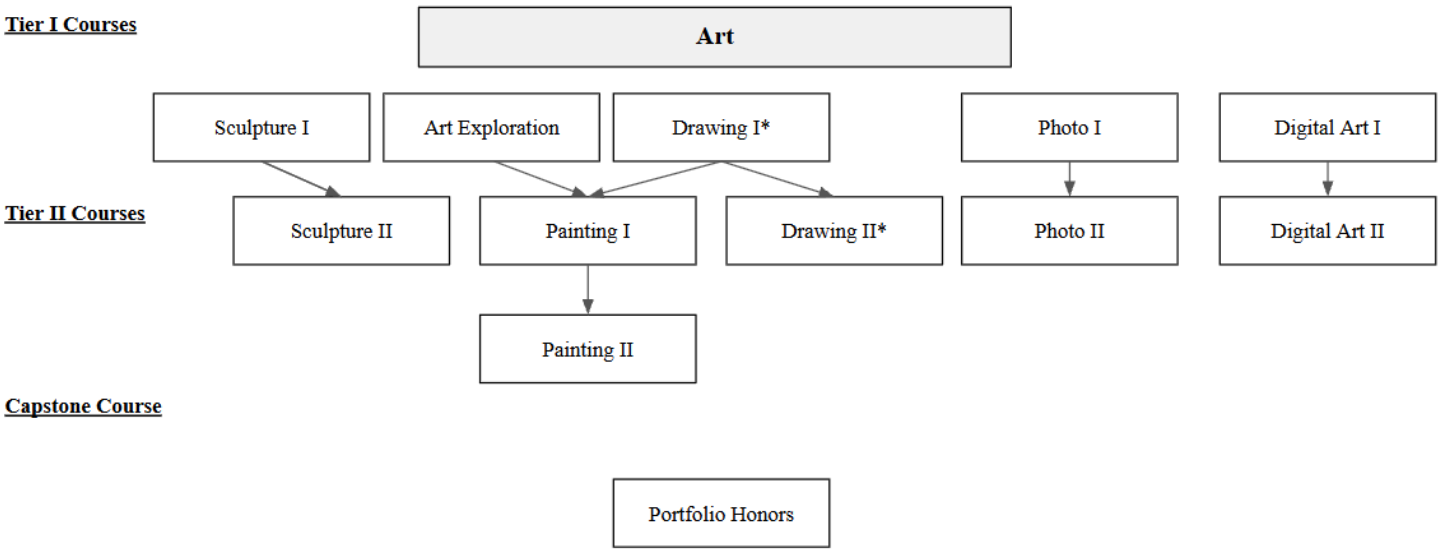
# FINE ARTS COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mr. Jeff Easthon

### INTRODUCTION

In our increasingly visual world, students need the skills to decode the information presented to them, so they can make informed decisions. The Minooka Community School Art Department recognizes that its function is to provide a comprehensive, sequential, instructional program. The instruction shall ensure students the opportunity to develop artistic skills, cultural and historical knowledge, and aesthetic appreciation that will enable the student to create artwork, develop ideas, interpret meaning, evaluate and analyze visual art, now and in the future. The Art Department believes in the following concepts: art has aesthetic value and is worth knowing; art is a reflection of our cultural heritage; there is artistic potential in every student; art provides an outlet for creative thinking, problem-solving, and self expression; art teaches us about our relationships with other cultures; art can be one of the most powerful and profound symbol systems; art helps students learn that not all aspects of life are quantifiable.

### COURSE OFFERINGS

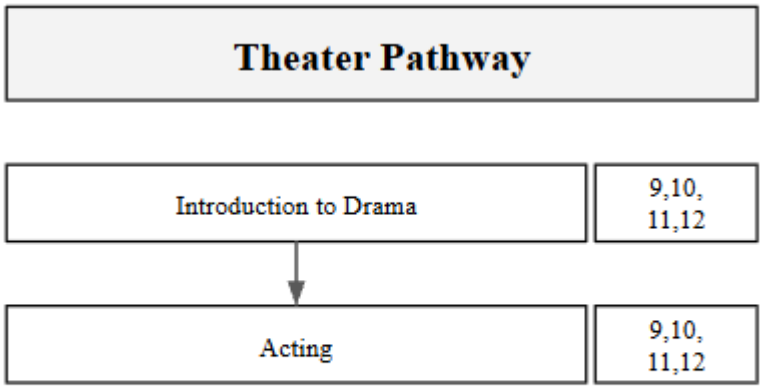
| | |
|---|---|
| Acting | Introduction to Drama |
| Art Exploration | Painting I |
| Digital Art I | Painting II |
| Digital Art II | Photography I |
| Drawing I | Photography II |
| Drawing II | Portfolio Honors |
| Drawing I Honors | Sculpture I |
| Drawing II Honors | Sculpture II |




**Please read course descriptions for more information about class content and prerequisites.**

* = Honors versions of these courses are offered in addition to the regular courses
u= Course designated "Computer Application"
Tier I- These courses do not have prerequisites.
Tier II- These courses have one prerequisite.

Capstone- This course has multiple prerequisite




*= Weighted class
u= Course designated "Computer Applications"
*DC*= Dual Credit

**ACTING** **1 CREDIT** **GRADES: 9-12** **1 SEMESTER**
***Prerequisite:*** *Introduction to Drama*

Acting focuses on developing the primary tools used in acting: voice, body, and mind. Students will build on individual skills through a variety of exercises and performances. (Memorization of up to five minutes of material is required.) Students will explore the intentional nature of acting through improvisational exercises and character creation and development. Students will analyze the balance of text and subtext in scene work, as well as develop trust through evaluation and ensemble-building exercises. Students may work toward producing a performance before an audience.

**ART EXPLORATION** **1 CREDIT** **GRADES: 9-12** **1 SEMESTER**

Art Exploration is an introductory course with emphasis on creative problem solving and art production. This course welcomes students of all abilities and levels of experience with art. Students will utilize the elements of art as they work through projects with a variety of media and techniques. The processes of drawing, painting, printmaking, and sculpture will be explored throughout the semester.Students may utilize craft blades, linoleum cutters, and hot glue guns in this class. Safety rules must be followed.

**DIGITAL ART I** **1 CREDIT** **GRADES: 9-12** **1 SEMESTER**

Digital Art is an introductory course that uses the computer as the primary tool to create artwork. This course welcomes students of all abilities and levels of experience with art and technology. Students will explore the elements of art as they work through projects. Students will learn to create visual images using Adobe Photoshop, scanners, and digital cameras. ***This course fulfills one semester of*** the "computer application" graduation requirement.

**DIGITAL ART II** **1 CREDIT** **GRADES: 9-12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Digital Art I*

Digital Art II is a second-tier course that allows students to build on the preliminary skills they learned in Digital Art I. Students use the computer as the primary tool to create artwork. Students will make more use of the drawing tablets that were introduced in Digital Art I. Students will learn advanced Photoshop techniques to create more complex and personal artwork.

**DRAWING I** **1 CREDIT** **GRADES: 9-12** **1 SEMESTER**

This course is meant to help students improve their observational skills and drawing techniques. Students will work in a variety of black and white media; pencil, pen, charcoal, etc. Subject matter will encompass still life, nature, human figure, etc.

**DRAWING II** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Drawing I, ("C" average recommended).*

Students are introduced to color media and expressive techniques. Observational skills will continue to develop. Students will work with color pencil, ink, pastel, and more. Subject matter may include portraiture, still-life, surrealism, etc.

**DRAWING I HONORS *weighted course*** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
*Placement will be determined while enrolled in Drawing I*

This course is meant to help students improve their observational skills and drawing techniques. Students will work in a variety of black and white media; pencil, pen, charcoal, etc. Subject matter will encompass still life, nature, human figure, etc. Coursework will present complex challenges requiring additional time and focus outside of class.

**DRAWING II HONORS *weighted course*** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Drawing I (Regular or Honors) with a grade of "B" or better recommended.*
*Placement will be determined while enrolled in Drawing II.*

Students will continue development of observational skills. Color media and expressive techniques will be explored in depth. Originality and creative initiative are emphasized. Possible media includes color pencil, ink, pastels, etc. Coursework will present complex challenges requiring students' time and focus outside of class.

**PAINTING I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Drawing I or Drawing I Honors or Art Exploration*

Students will study traditional and modern themes in painting. The primary medium used is acrylic paint. Additionally, mixed media and watercolor techniques may be explored. Various artists and art movements will be examined as a point of departure and inspiration.

**PAINTING II** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Painting I*

This course is designed for students who have successfully completed Painting and have an interest in advanced painting techniques and concepts. In Painting II, students will work with watercolor and/or acrylic paint and mixed-media. Students will explore various painting styles and techniques. They will develop their artist voice through study of visual culture and concept formulation. A variety of media will be used to stimulate creative thought.

**PHOTOGRAPHY I** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
****Note: Camera needed w/specs***

This course is an introduction to digital photography. Students will learn how to use the many controls and functions on their own cameras. The course will explore basic composition guidelines, lighting effects, and a variety of subject matter. Multiple photo shoots are conducted throughout the semester, gradually building students' skills to take their photos from casual snapshots to artistic images.

**PHOTOGRAPHY II** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite*:** *Successful completion of Photography I ("C" average recommended).*
***Note:*** *Camera needed*

Students will further develop the skills needed to create powerful photographic images. This course examines multiple categories in photography and the medium's functions in our society. While increasing technical skills, students will work with a variety of enduring ideas to create deeper meaning in their photography. Weekly photo shoots will be conducted throughout the semester.

**PORTFOLIO HONORS** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Drawing I or Sculpture I* **and** *at least 3 other Art classes (one of which is in the medium the student plans to study in more depth).*

This course is intended for the seriously committed art student capable of independent work. Students who enroll in this course will be completing coursework similar to work that would be required of them in college courses and therefore will earn a weighted grade for this course. Students will pursue a deeper study of one particular process. That process must be the focus of a previous MCHS Art class that the student has successfully completed. Each quarter has a different emphasis designed to bring the student beyond the basics to producing his/her unique, complex compositions. AP option: Students also have the option of submitting their work to the College Board for credit in AP Studio: Drawing. There is a fee associated with this exam.

**SCULPTURE I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

Sculpture I is a semester-long introductory course with emphasis on creative problem solving and art production. This course welcomes students of all abilities and levels of experience with art. Students explore the elements of art as they work through projects using a variety of media and techniques to create 3-dimensional forms. Clay modeling, carving and cardboard sculpture are a few of the processes covered.

**SCULPTURE II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Sculpture I*

In this semester studio course, we will reinforce the foundational knowledge from key concepts in Sculpture I and explore new media skills and techniques. Students will apply their problem solving skills to 3-dimensional projects. A number of sculpture processes such as fabrication, subtractive, and additive techniques will be used. Projects may include cardboard sculpture, paper casting, metal casting, and ceramics.

# CAREER AND TECHNICAL EDUCATION COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mr. Jon Calder

### INTRODUCTION

The Minooka Community High School Career and Technical Education Department includes Agriculture, Business and Marketing Technology, Family and Consumer Sciences, Media Communications, and Industrial Technology. The Department courses and curriculum revolve around providing students with learning and activities focused on helping them to be successful in their chosen careers as well as developing personal-use skills.

### COURSE OFFERINGS

AGRICULTURE

Animals and Their Environment
Animal Science
Floral Design I and II
Pre-Veterinary Studies
Specialty Animal Science

BUSINESS

Intro to Accounting
Accounting II DC
Intro to Business
Business Law
Personal Finance Management (Dual Credit)

MEDIA AND MARKETING

Sports and Entertainment Marketing
Social Media Marketing

COMPUTERS

Google Apps I and II
Computer Game Design I and II
Graphic Design
Microsoft Office Applications (Dual Credit)
Web Page Design
AP Computer Science Principles

FAMILY AND CONSUMER SCIENCE

Adult Living
Baking and Pastry I and II
Child Development I and II
Clothing Construction I, II, and III
Culinary Arts I, II
Exploring the Teaching Profession (Dual Credit)
Technology for Teaching and Learning (Dual Credit)
Nutrition and Foods I and II

INDUSTRIAL TECHNOLOGY

Automotive Technology I, II
Building and Trades I
Electricity/Electronic Technology
Fire Science I, II
Geometry in Construction
Introduction to Fire Science
Introduction to Industrial Technology
PLTW Aerospace Engineering
PLTW Civil Engineering and Architecture
PLTW Introduction to Engineering Design
PLTW Principles of Engineering
Robotics Engineering I
Robotics Engineering II
Small Engine Repair
STEM I, II
Welding I, II (Dual Credit)
Welding III Metal Fabrication (Dual Credit)
Woodworking I, II

# CAREER AND TECHNICAL EDUCATION

## DUAL CREDIT WITH JOLIET JUNIOR COLLEGE

Junior and Senior students will have the option to apply for Joliet Junior College credit when taking the following courses. Students will obtain a JJC student ID number at the beginning of the course by registering online in their class or at home.

| COURSES COMPLETED AT MCHS | DUAL CREDIT AT JOLIET JUNIOR COLLEGE |
|---|---|
| Accounting II** | JJC ACCY 100 |
| Microsoft Office Applications | JJC CIS 126 |
| Welding II | JJC WLD101 |
| Welding III Metal Fabrication | JJC WLD110 |
| Personal Finance Management | JJC FIN 100 |

## DUAL CREDIT WITH UNIVERSITY OF ST. FRANCIS

Junior and Senior students will have the option to apply for University of St. Francis credit when taking the following courses. Students will obtain a USF student ID number at the beginning of the course by registering online in their class or at home.

| COURSES COMPLETED AT MCHS | DUAL CREDIT AT THE UNIVERSITY OF ST. FRANCIS |
|---|---|
| Exploring the Teaching Profession | EDUC 107 |
| Technology for Teaching and Learning | EDUC 225 |

## DUAL CREDIT WITH COLLEGE OF DUPAGE

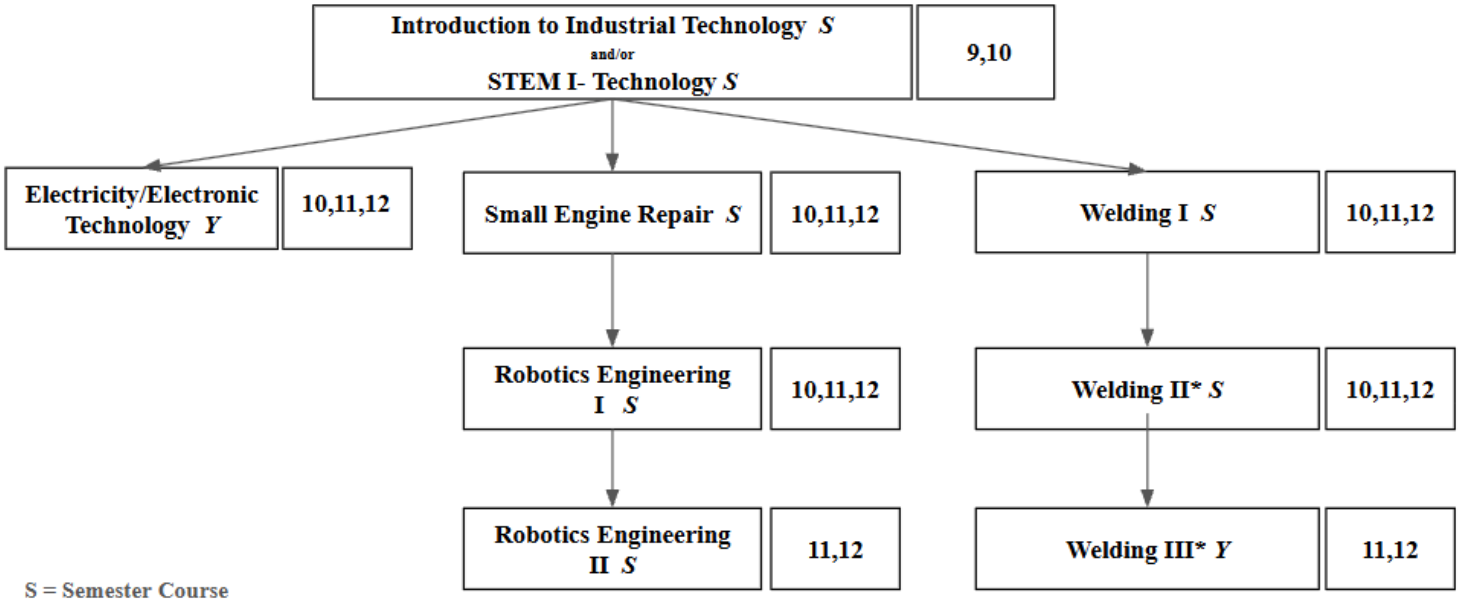
Junior and Senior students will have the option to apply for College of DuPage credit when taking the following course. Students will obtain a COD student ID number at the beginning of the course by registering online in their class or at home.

| COURSES COMPLETED AT MCHS | DUAL CREDIT AT COLLAGE OF DUPAGE |
|---|---|
| Clothing Construction III | Fashion 1200 |

| ANIMAL STUDIES IN AGRICULTURE | | PLANT STUDIES IN AGRICULTURE | |
|---|---|---|---|
| Animals and Their Environment *S* | 9,10,11,12 | Floral Design I *S* | 11,12 |
| Animal Science *Y* | 10,11,12 | Floral Design II *S* | 11,12 |
| Pre-Veterinary Studies *Y* | 11,12 | | |
| Specialty Animal Science *S* | 11,12 | | |

DC = Dual Credit for Juniors and Seniors only JJC
S = Semester Course
Y = Year Course

## CAREERS IN THE FIELD OF AGRICULTURE MECHANICS




S = Semester Course
Y = Year Course
* = Dual Credit w/ JJC

# COMPUTER COURSES

| COMPUTER APPLICATIONS Microsoft | |
|---|---|
| Graphic Design *S* | 9,10, 11,12 |
| Microsoft **S* | 10,11, 12 |

| COMPUTER APPLICATIONS Google | |
|---|---|
| Google Apps I *S* | 9,10, 11,12 |
| Google Apps II *S* | 9,10, 11,12 |

| COMPUTER SCIENCE | |
|---|---|
| U AP Computer Science Principles *Y weighted grade* | 9,10, 11,12 |
| Computer Game Design I *S* | 9,10, 11,12 |
| Computer Game Design II *S* | 9,10, 11,12 |
| Web Page Design *S* | 9,10, 11,12 |

S = Semester Course
Y = Year Course
*= Dual Credit

# MEDIA AND MARKETING

| | |
|---|---|
| Sports and Entertainment Marketing *S* | 9,10, 11,12 |
| u Social Media Marketing *S* | 10, 11,12 |

S = Semester Course
Y = Year Course
u = Course designated "Computer Application"
* = Dual Credit

# BUSINESS COURSES

| | |
|---|---|
| Introduction to Business *S* | 9,10, 11,12 |
| Introduction to Accounting I *S* | 10,11,12 |
| Accounting II* *S* | 10,11,12 |
| Business Law *S* | 10,11,12 |
| Personal Finance Management * *S* *consumer credit* | 10,11,12 |

| CHILD DEVELOPMENT | |
|---|---|
| **Child Development I *S*** | **9,10, 11,12** |
| **Child Development II *S*** ***ECE I Certification*** | **9,10, 11,12** |
| **Exploring the Teaching Profession *DCSF S*** | **11,12** |
| **Technology for Teaching and Learning *DCSF S*** | **11,12** |
| **Adult Living *S*** | **11,12** |

S = Semester Course
Y = Year Course
u = Course designated "Computer Application"
DCSF = Dual Credit with University of St. Francis for Juniors and Seniors only
DCCD = Dual Credit with College of DuPage

| CULINARY ARTS | |
|---|---|
| **Nutrition and Foods I *S*** | **9,10, 11,12** |
| **Nutrition and Foods II *S*** | **9,10, 11,12** |
| ***After Foods I/II students may take Culinary or Baking pathway*** | |
| **Culinary I *S*** | **10,11,12** |
| **Culinary II *S*** | **10,11,12** |
| **Baking and Pastry I *S*** | **10,11,12** |
| **Baking and Pastry II *S*** | **10,11,12** |

| FASHION DESIGN & MERCHANDISING | |
|---|---|
| **Clothing Construction I *S*** | **9,10, 11,12** |
| **Clothing Construction II *S*** | **9,10, 11,12** |
| **Clothing Construction III *DCCD S*** | **11,12** |
| **Fashion Design and Merchandising *S*** | **10,11,12** |
| **u Graphic Design *S*** | **10,11,12** |

**GEOMETRY IN CONSTRUCTION**, a foundational course for all of Industrial Tech

## ENGINEERING

| | |
|---|---|
| u PLTW Intro to Engineering Design *Y* | 9,10, 11,12 |
| u PLTW Principles of Engineering *Y* | 10, 11,12 |
| u PLTW Aerospace Engineering *Y* | 10, 11,12 |
| u PLTW Civil Engineering and Architecture *Y* | 10, 11,12 |

## Welding Pathway

| | |
|---|---|
| Intro to Industrial Technology *S* | 9,10 |
| Welding I *S* | 10, 11,12 |
| Welding II *S* * | 10, 11,12 |
| Welding III *Y* | 11,12 |

## Building Trades Pathway

| | |
|---|---|
| Intro to Industrial Technology *S* | 9,10 |
| Woodworking I *S* | 10, 11,12 |
| Woodworking II *S* | 10, 11,12 |
| Building Trades I *Y* | 11 |

S = Semester Course
Y = Year Course
u = Course designated "Computer Application"
*= Dual Credit Offering

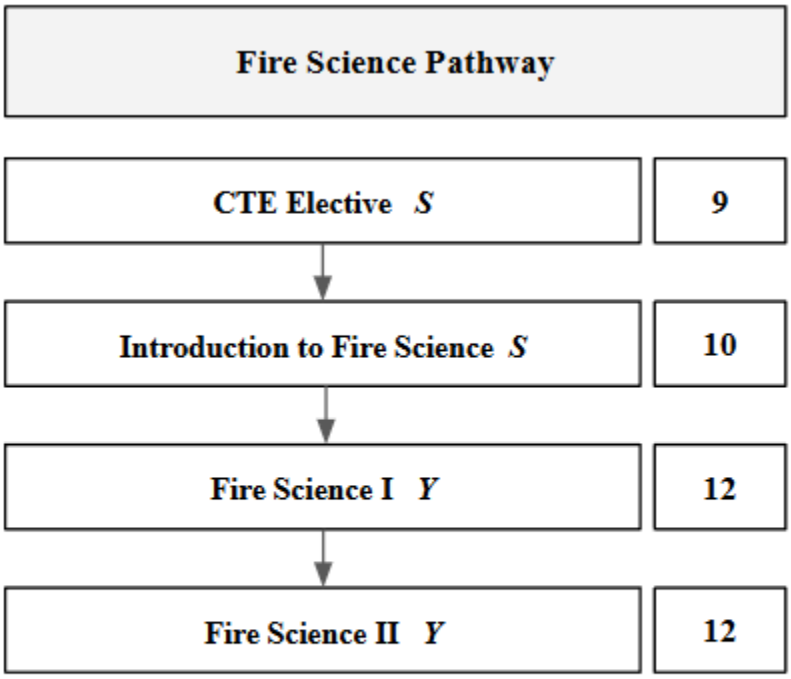
## ELECTRICITY/ELECTRONICS

| | |
|---|---|
| u STEM I Technology *S* | 9,10, 11, 12 |
| u STEM II Technology *S* | 9,10, 11, 12 |
| Robotics Engineering I *S* | 10, 11,12 |
| Robotics Engineering II *S* | 10, 11,12 |
| Electricity/ Electronic Technology I *Y* | 10, 11,12 |

S = Semester Course
Y = Year Course
u = Course designated "Computer Application"

## Automotive Pathway

| | |
|---|---|
| Intro to Industrial Technology *S* | 9,10 |
| Small Engine Repair *S* | 10, 11, 12 |
| Automotive Technology I *Y* | 11,12 |
| Automotive Technology II *Y (27-28 SY)* | 12 |




S = Semester Course
Y = Year Course
u = Course designated "Computer Application"

## CAREER AND TECHNICAL EDUCATION
## AGRICULTURE

**ANIMALS & THEIR ENVIRONMENT** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
*[Regional # A 100]*

The introductory course for our animal science program focuses on animals and their impact on the environment. Students will study animals in their various habitats and environments throughout the world including rainforests, deserts, grasslands, wetlands, oceans, polar regions, and urban environments. Students will also learn of the many career opportunities available in the field of animal science. Students will be introduced to the FFA student organization.

**ANIMAL SCIENCE** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
*[Regional # A 109]*

Animal Science explores the various facets within the animal industry from small companion animals such as dogs and cats to large animals including horses, cattle, and other production species. Focus of the course will be breeds, selection, training, care and management of the different species of animals. Careers and opportunities in the field of animal science will also be discussed.

**FLORAL DESIGN I** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
*[Regional # A 208A]*

This course is designed to familiarize students with the career opportunities in the floral industry. Topics covered include the artistic principles of floral design, elements of design, mechanics of design, and floral marketing. Students also learn design skills by creating bows, corsages, boutonnieres, one-sided arrangements, round arrangements, bud vases, and presentation bouquets. This class runs the school holiday sales, helping in the fulfillment of outside orders and school orders. Students do have the opportunity to create their own homecoming and prom flowers.

**FLORAL DESIGN II** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Floral Design I. [Regional # A 208]*

This course is a continuation of Floral Design I. Students will continue to explore the floral industry and the artistic principles of floral design. Topics will include the starting, owning and operating of your own floral shop, floral merchandising, and new trends in floral design. Students will continue building their skills through advanced design styles including wedding, sympathy work, and event planning. Students will be responsible for all outside orders and for the running of a student floral shop.

**PRE-VETERINARY STUDIES** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Animal Science. [Regional # A 261]*

This course is designed to prepare students who have an interest in Veterinary Medicine. An intense study of animal anatomy and physiology is covered, offering students who intend to enroll in JJC's Vet Tech Program or any veterinary medicine program some advanced preparation. Large and small animals are covered along with career options available in the animal science industry.

**SPECIALTY ANIMAL SCIENCE** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Animals & Their Environment and Animal Science.*

This course is designed for students who hold an interest in the field of animal science. Students will learn about various specialty animals with topics that cover marine biology, zoology, equine, reptiles, and aquatics. A focus on species within each topic will introduce students to the different animals and careers in these fields.

## CAREER AND TECHNICAL EDUCATION
## COMPUTER COURSE OFFERINGS

**AP COMPUTER SCIENCE PRINCIPLES** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**

Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable curriculum that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. (Weighted Grade) *This course fulfills one semester of the "computer application" graduation requirement..*

**GOOGLE APPS I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

This course provides students with a hands-on, learn-by-doing approach to discover many of the applications Google has to offer. Students will be introduced to Google Classroom, Drive, Docs, Sheets, Slides, Forms, and Drawing. Other Google products that may be included are: Gmail and Calendar. *This course fulfills one semester of the "computer application" graduation requirement.*

**GOOGLE APPS II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Google Apps I*

This course provides students with a hands-on, learn-by-doing approach to discover more of what Google has to offer. Students will further develop skills learned in Google Apps I with more complex concepts in each unit. Students will be introduced to other Google apps including but not limited to: Google Maps, Earth, and News. This course fulfills one semester of the "computer application" graduation requirement.

**COMPUTER GAME DESIGN I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
*[Regional # B 281.5]*
**Related Courses:** Computer Game Design II,
This course explores the video game design industry and basic computer programming. Computer Game Design I uses the SCRATCH program to develop an understanding of the programming language, as well as other skills involved in making video games. This course fulfills one semester of the "computer applications" graduation requirement.

**COMPUTER GAME DESIGN II** **1 CREDIT** **GRADES: 9 - 12** **I SEMESTER**
***Prerequisite:*** *Successful completion of Computer Game Design I.*
**Related Courses:** APCSP

This course will expand on the knowledge learned in Computer Game Design I. It includes advanced skills and techniques for the development of computer and video games. The students will learn the JAVA programming language and use it to design and create an original computer game. *This course fulfills one semester of the "computer application" graduation requirement.*

**GRAPHIC DESIGN** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
*[Regional # B 275.5]*

This course offers students an introductory overview of Adobe Photoshop. We will also cover at least one online software option that allows students to edit Photoshop files on their Chromebook. Photoshop skills covered include working with images, text, a variety of tools, and layers to create fun, hands-on projects. *This course fulfills one semester of the "computer application" graduation requirement.*

**MICROSOFT Office Applications *Dual Credit*** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

This course is designed to develop computer application skills using a totally integrated software package that includes word-processing, a spreadsheet, a database, and presentation software in a Windows environment. Students will be interfacing throughout with the Internet. The class meets in a PC-equipped classroom. *This course fulfills one semester of the "computer application" graduation requirement.*

**WEB PAGE DESIGN** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
*[Regional # B 2801]*

In this course, students will learn how to design professional looking websites. Students will learn the language behind the internet by using HTML and CSS code to develop basic web-page layouts. Additionally, students will learn the basics of effective web-page layout theory as well as web-page graphic design techniques in Adobe Photoshop. Adobe Dreamweaver will be utilized to create dynamic web- pages. *This course fulfills one semester of the "computer application" graduation requirement.*

## CAREER AND TECHNICAL EDUCATION
## MARKETING AND MEDIA COMMUNICATIONS

**SPORTS AND ENTERTAINMENT MARKETING** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
**Related Courses:** Intro to Accounting, Business Law, Intro to Business, Personal Finance Management

Sports and Entertainment Marketing explores the nature of marketing within the sports industry. The students will be introduced to the 4 P's of marketing, as well as other marketing concepts. The students will apply this knowledge when they create a sports franchise from the ground up. The class culminates with a business seminar.

**SOCIAL MEDIA MARKETING** **1 CREDIT** **GRADES 10-12** **1 SEMESTER**
***Prerequisite:*** *None*

This course will introduce students to the rapidly growing world of social media marketing. Students will begin to understand the history of social media, and the fundamentals of creating, managing, and engaging with platforms such as Instagram, YouTube, and TikTok. They will go on to learn about social media engagement, green screen usage, video editing tools, effects on business strategies and consumer behavior, and the basics of marketing online. Students will also learn how engagement drives social media content, and the positives and negatives of social media use.
*This course fulfills one semester of the "computer application" graduation requirement.*

## CAREER AND TECHNICAL EDUCATION
## BUSINESS COURSES

**INTRODUCTION TO ACCOUNTING I** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
*[Regional # B 2001]*
**Related Courses:** Accounting II/Dual Credit

This is the first semester of a two-semester sequence in the study of accounting. It is strongly recommended that both semesters of Accounting be taken in the same year. Accounting is currently one of the most in-demand college majors. Intro to Accounting I covers accounting careers, terminology, concepts, and accounting practices for different types of organizational structures and financial statements. Computerized accounting procedures will be integrated throughout the course. Students will learn to properly apply the accounting cycle method of record keeping vital to the success/failure of any business. The course can be beneficial for personal use and/or for a related career in the various business fields.

**ACCOUNTING II/Dual Credit** **1 H.S. CREDIT** **GRADES: 10 OR 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Accounting I* **3 COLLEGE CREDITS**

This is the second semester of a two-semester sequence in the study of accounting, and is eligible for dual credit through Joliet Junior College (ACCY100). It is strongly recommended that this semester be taken immediately following the first. Intro to Accounting II reinforces the topics explored in Intro to Accounting I and builds upon the foundation for advancing in an accounting program, preparing students for a future in business. The course includes accounting practices for different types of organizational structures and financial statements. Computerized accounting procedures will be integrated throughout the course. Students will learn to properly utilize the accounting cycle method of keeping records vital to the success/failure of any business. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.*

**INTRODUCTION TO BUSINESS** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
**Related Courses:** Business Law, Intro to Accounting I, Personal Finance Management, Sports Marketing

Subjects covered include: marketing, technology use, financial management, production, risk management, managing resources, how and other economic systems work, types of businesses and how businesses are organized, making consumer decisions, career planning, and government's role in the economy.

**BUSINESS LAW** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
**Related Courses:** Intro to Accounting, Intro to Business, Personal Finance Management, Sports Marketing

This course is designed to satisfy the curiosity of students who are interested in learning about the law as it relates to various aspects of business. Students will gain a greater understanding of their legal rights and responsibilities as an individual, employee, manager, and business owner. Family law, ethics and the law, crime, contracts, minors and the law, bankruptcy, and property law are some of the topics covered. This course is recommended for anyone interested in accounting, business, criminal justice, or pre-law in college.

**PERSONAL FINANCE MANAGEMENT** **1 H.S. CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
**3 COLLEGE CREDITS**

**Related Courses: Business Law, Intro to Accounting I, Intro to Business, Sports Marketing [Regional # B 1001]**

This course provides students an opportunity to develop life-long skills that prepare them for post-secondary education or the working world. Students are introduced to a number of concepts to help develop their financial acumen. Included among the areas of study are finance, personal income taxes, financial planning, banking, investments, risk management (insurance), retirement planning, personal credit, decision making, and consumers' rights and responsibilities. This course satisfies the Consumer Education requirement for graduation. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.*

## CAREER AND TECHNICAL EDUCATION
## FAMILY AND CONSUMER SCIENCE

**ADULT LIVING** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**

This course is designed to help prepare students for their roles as adults in the home and in their careers. They will examine issues affecting their current and future lives, such as goal-setting, self-esteem, family and friend relationships, independent living, career exploration, financial literacy, and dating.

**BAKING & PASTRY ARTS I** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Foods and Nutrition I and II*

In this course, students will gain skills in professional food preparation as well as learn the business side of professional baking. s. Students will also learn about ingredients in baking, yeast breads, cake decorating and cookies, and mixing methods. is. *** Appropriate PPE is required for lab participation. Close toed shoes, and hair restraints (when appropriate) will be required to work in the kitchen. Instructors will address baggy clothing and other fire, tripping, and sanitation issues on a case by case basis.

**BAKING & PASTRY ARTS II** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Baking & Pastry I*

Students in this course will learn advanced techniques in baking and cake decorating, the financial side of baking, as well as learning how to create their own recipes. Students will be using commercial-sized ovens and equipment for baking and creating pastries that are designed for large-scale groups with various needs.

**CHILD DEVELOPMENT I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
*[Regional # H 105]*

This course is designed for all students who are interested in understanding the current trends, issues, and responsibilities of parenthood and families. The emphasis is on learning the developmental patterns of the child from conception to preschool and the effect heredity and environment has on the child's emotional, social, physical, and intellectual growth. Students will have the opportunity to experience the Baby Think It Over infant simulator and the empathy belly.

**CHILD DEVELOPMENT II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***ECE 1 - Certification*GRADES: 9 - 12**
***Prerequisite:*** *Successful completion of Child Development I. [Regional # H 111]*

This course is designed for any student who may be interested in a career involving the development and care of children. The students will spend the first 2 months learning about preschool aged children and planning preschool lessons. The remainder of the class will be spent gaining hands-on experience teaching and observing 3-5 year old children in the on-site, student run preschool.

**CLOTHING CONSTRUCTION I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

This course introduces students to hand sewing, the sewing machine and sewing notions. Basic sewing skills are learned through the construction of various sewing projects such as a monster stuffed animal, a quilt block pillow, accessories, bags and garments. Students will explore design culinary principles, patterns, alterations and various textiles.

**CLOTHING CONSTRUCTION II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Clothing Construction I*

This course furthers students' sewing skills through advanced projects and garment construction. Students will create garments of their choosing while learning advanced construction techniques using specialty fabrics and applications. The textile and fashion industry will also be discussed

**CLOTHING CONSTRUCTION III** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Clothing Construction II*

This is a dual credit class that is aligned with College of Dupage course Fashion 1200. Introduction to sewing techniques used in the construction of clothing for personal use. Students will learn basic construction techniques, fabric and pattern selection, and adjusting patterns for fit based on body measurements. Students will construct garments using commercial patterns.*Students will be responsible for paying a course fee. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from the College of DuPage. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this College of DuPage course will be accepted as a required or elective credit. Students will be REQUIRED to provide transportation to their assignments.*

**EXPLORING THE TEACHING PROFESSION *DCSF*** **1 H. S. CREDIT** **GRADE: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *None* **3 COLLEGE CREDITS**

This dual credit course will be offered in conjunction with the University of St. Francis' College of Education. Students interested in the teaching profession will examine issues related to teaching and learning. Course content will address practical application of instructional strategies, classroom management, lesson preparation, assessment, and educational theory. Their coursework will include classroom discussion and assessment, as well as online content. Students will also have the unique opportunity to be paired with certified, mentor teachers during field experiences who will guide their practice. Upon successful completion of the course, students will earn three college credit hours. *Students will be responsible for paying a $50 course fee. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from the University of St. Francis. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this University of St. Francis course will be accepted as a required or elective credit. Students will be REQUIRED to provide transportation to their assignments.*

**TECHNOLOGY FOR THE TEACHING PROFESSION** **1 H.S. CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
*Prerequisite: Exploring the Teaching Profession* **2 COLLEGE CREDITS**

This course focuses on the use of technology in the classroom and digital citizenship. This is a dual credit course with USF *EDUC 225 Technology for Teaching and Learning* (2 credit hours) |Provides a strong foundation for the role of technology in the teaching and learning process. Candidates are introduced to digital citizenship and technology-based tools that support instruction, extend communication beyond the classroom, and increase productivity in daily tasks. *Students will be responsible for paying a $50 course fee. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from the University of St. Francis. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this University of St. Francis course will be accepted as a required or elective credit.*

**CULINARY ARTS I** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Nutrition & Foods II.*

This course is designed for students who hold a higher interest in culinary arts, commercial food production or the culinary/ food service field and will be taught with standards that would be applicable to industry standards and culinary arts school. Students will learn: Safety and Sanitation, Sauces, Stocks and Soups, poultry, meat, candy making, and career exploration. Students will earn a food handlers certificate provided they complete the online exam. *** Appropriate PPE is required for lab participation. Close toed shoes, and hair restraints (when appropriate) will be required to work in the kitchen. Instructors will address baggy clothing and other fire, tripping, and sanitation issues on a case by case basis.

**CULINARY ARTS II** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Introduction to Culinary Arts I.*

Students in this course will learn to design, plan, and execute a recurring restaurant concept. Students will learn enhancements to skills from Culinary Arts I, high volume cooking techniques, menu engineering and design, concept development, culinary supervision, sequencing in commercial kitchen, commercial prep, marketing, and more.*** Appropriate PPE is required for lab participation. Close toed shoes, and hair restraints (when appropriate) will be required to work in the kitchen. Instructors will address baggy clothing and other fire, tripping, and sanitation issues on a case by case basis.

**NUTRITION AND FOODS I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *None*

This course provides all students with a basic knowledge of nutrition and cooking techniques that are applicable to everyday life. The course focuses on food safety, sanitation, cooking terms, kitchen measurement, and nutrition. Food topics include studying fruits, vegetables, dairy products, grains, principles of baking, and their relationship to a healthy diet. Recommended for all students interested in cooking, nutrition, and careers in the food service industry.*** Appropriate PPE is required for lab participation. Close toed shoes, and hair restraints (when appropriate) will be required to work in the kitchen. Instructors will address baggy clothing and other fire, tripping, and sanitation issues on a case by case basis.

**NUTRITION AND FOODS II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Nutrition and Foods I*

This course is designed to further develop skills learned in Nutrition and Foods 1. Student learning will include a more in-depth study of nutrition and complex cooking techniques in the lab. Areas to be studied include breads, pies, egg cookery, salads and dressings, spices and herbs, cake decorating, careers in foods and nutrition, as well as learning about and preparing foods from U.S. regions and different ethnic origins around the world.*** Appropriate PPE is required for lab participation. Close toed shoes, and hair restraints (when appropriate) will be required to work in the kitchen. Instructors will address baggy clothing and other fire, tripping, and sanitation issues on a case by case basis.

## CAREER AND TECHNICAL EDUCATION
## INDUSTRIAL TECHNOLOGY

**ELECTRICITY/ELECTRONIC TECHNOLOGY** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *None [Regional # I 123]*

This course is a study of the fundamentals of electricity and electronic principles through the use of hands-on projects. Students learn the different components of an electronic circuit, utilization of breadboards, and safe use of various hand tools to complete projects. Proper use of testing equipment to analyze circuits is incorporated into the course, including the use of digital multimeters to measure electrical quantities. The course covers building various circuit board projects using soldering irons and also covers creating various combinations of residential wiring circuits.

**GEOMETRY IN CONSTRUCTION** **2 CREDITS** **GRADES: 9 - 10** **1 YEAR**
***Prerequisite:*** *Algebra I*

The common core aligned geometry curriculum is taught in the context of construction. The course is team taught by a math teacher and a technology teacher. The concepts within the course are organized to complement the skills and the knowledge needed in the building process starting with foundational concepts. The students in this course will have math and build days on each scheduled school day, however times may be flexible depending on the class time that is needed that day, some may be more focused on math concepts, and other days may be more heavily weighted toward building. On the build days, the students will be working together to build a tiny house, shed, chicken coop or other project. This course will provide students the opportunity to immediately apply what they are learning in the classroom to what they are doing on the project site. Students will receive two credits for this year long, blocked course; one elective credit, one math credit.*** PPE is required to participate in the woodshop lab, solid, close toed shoes as well as other issued PPE is required.

**INTRODUCTION TO INDUSTRIAL TECHNOLOGY** **1 CREDIT** **GRADES: 9 - 10** **1 SEMESTER**
***Prerequisite:*** *None*

This interactive, hands-on course offers students an opportunity to explore introductory areas of Industrial Technology. Students will complete projects and view demonstrations in construction, mechanical engineering, architectural design, small engine mechanics, and welding.
***PPE must be worn in order to participate in lab activities. Close toed shoes and other issued PPE must be worn in all lab settings.

**PLTW AEROSPACE ENGINEERING *weighted course*** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *PLTW Introduction to Engineering Design or Principles of Engineering*

This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles.

**PLTW CIVIL ENGINEERING AND ARCHITECTURE *weighted course*** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *PLTW Introduction to Engineering Design or Principles of Engineering*

Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3-D architectural design software.

**PLTW INTRODUCTION TO ENGINEERING DESIGN *weighted course*** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *None*

Interdisciplinary STEM class with an emphasis placed on learning the design development process. In this course, students develop the essential skills that engineers rely on every day, such as patent research, working with team members, hand sketching, and proper engineering documentation with team members. State-of-the-art technology includes Autodesk Inventor, Universal Laser systems, and Lulzbot 3D printers, which allow students an opportunity to create prototypes of their individual and team solutions. *This course fulfills one semester of the "computer application" graduation requirement.*

**PLTW PRINCIPLES OF ENGINEERING *weighted course*** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *Open to students in grades 10 - 12*

***Student Readiness Consideration:*** *Principles of Engineering assumes the successful completion of Algebra I. We strongly recommend a student successfully complete Introduction to Engineering before beginning this course. We also recommend students are concurrently enrolled in Geometry and are ready to learn basic trigonometric concepts.*

**Principles of Engineering** incorporates problems that engage and challenge students to explore a broad range of engineering topics, including energy source mechanisms, strength of structures and materials, automation, and kinematics. Students develop skills in problem solving, research, and design, while learning strategies for design process documentation, collaboration, and presentation. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

**ROBOTICS ENGINEERING I**
***Prerequisite:*** *None* **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**

This course is designed for students who are interested in the practical applications of robotics in the real world. Students will learn to build, program, and code various types of robots including Sphero Bolt and VEX EXP to complete specific tasks and solve problems. This is a hands-on course with students working in teams to create solutions and build robots to the problems presented in class.

**ROBOTICS ENGINEERING II** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Robotics Engineering I.*

This course is a continuation of Robotics Engineering I. Students will continue to learn to build and program both the NXT and EV3 robots to complete specific tasks and solve problems. VEX Robotics will also be introduced during this course. VEX Robotics is based on the VEX Robotics Claw Kit. Students will work in teams to build robots to solve various engineering and manufacturing systems in a competition style and compete with other teams in the classroom. This is a hands-on course with students working in teams to create and develop solutions to the problems presented in class.

**SMALL ENGINE REPAIR** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *None*

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Students will learn about individual parts and systems of a Briggs and Stratton Small Engine. Instructional areas include the basic fundamentals of removing and installing parts in a four cycle small gas engine, operating equipment safely, and solving common troubleshooting issues that can come up with small engine repair.

**STEM I TECHNOLOGY** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *None [Regional # I 144]*

This introductory course is designed for students with an interest in careers in the field of technology and engineering. The course is project-based with many hands-on learning activities that emphasize problem-solving skills. Units of study include: drafting, simple machines, fluid mechanics, electricity, 3d printing, coding, robotics and game design. This course fulfills one semester of the "computer application" graduation requirement.

**STEM II TECHNOLOGY** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of STEM I [Regional # I 145]*

This is the second level of our stem I course. This course will focus on the continued exploration of engineering and design principles, coupled with electricity, circuitry and design.

**AUTOMOTIVE TECHNOLOGY I** **2 CREDITS** **GRADE 11-12** **1 YEAR**
***Prerequisite:*** *Successful completion of Small Engine Repair*

Students will be introduced to the fundamentals of automotive maintenance and repair. Students will learn shop safety, proper tool usage, vehicle systems, and proper maintenance procedures. Through hands-on activities and classroom instruction, students will develop knowledge in maintenance, tire service, brake systems, suspension systems, electrical fundamentals, axles and drivetrain and steering systems. This course provides students with the knowledge and practical skills needed to advance in automotive technology.***PPE must be worn in order to participate in lab activities. Close toed shoes and other issued PPE must be worn in all lab settings.

**AUTOMOTIVE TECHNOLOGY II** **2 CREDITS** **GRADE 12** **1 YEAR**
***Prerequisite:*** *Automotive Technology I*

This course builds on the foundation and skills developed in Automotive Level 1. Students will expand their understanding of automotive systems through more hands-on training in all previous areas plus engine performance/diagnostics and vehicle alignment procedures. Students will develop problem-solving skills and prepare for a potential career in the automotive industry.***PPE must be worn in order to participate in lab activities. Close toed shoes and other issued PPE must be worn in all lab settings.

**INTRODUCTION TO WELDING (Welding I)** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**

***Prerequisite:*** *None*

This beginning course will introduce students to several aspects of welding and metal fabrication technology. Welding processes introduced will be SMAW (arc welding), GMAW (MIG welding), PAC (Plasma Arc Cutting), and oxyfuel welding and cutting. Students will study safe use of equipment, different welding joints, reading metalworking plans, and mathematics used in welding and metal fabrications. Career opportunities in welding will also be discussed. ***Proper PPE is required to participate in labs, Jeans and close toed leather shoes are required along with other issued PPE.

**WELDING II DC** **1 H.S. CREDIT** **GRADES: 11 – 12** **1 SEMESTER**

***Prerequisite:*** *Welding I* **3 College Credits**

This course will focus on Shielded Metal Arc Welding and Gas Metal Arc Welding. It will emphasize safety and will include the fundamentals of the processes, equipment, and techniques involved with welding mild steel while going into detail about why and what is happening during the process. The Oxy-Acetylene processes of cutting, welding, and brazing. The use of plasma arc cutting, carbon arc gouging, and other industry-based operations. This course is designed to give students a starting path into the welding industry. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.****Proper PPE is required to participate in labs, Jeans and close toed leather shoes are required along with other issued PPE.

**WELDING III METAL FABRICATION DC** **2 H.S. CREDITS** **GRADES 11 - 12** **1 YEAR**

***Prerequisite:*** *Welding I and II* **6 College Credits**

Welding III begins to explore structural welding, pipe welding, and metal fabrication. Students will complete the first half of the semester mastering those welding skills, then use the second half of the semester to design and build a capstone project that encompasses all the welding skills that they have learned to date.. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.****Proper PPE is required to participate in labs, Jeans and close toed leather shoes are required along with other issued PPE.

**WOODWORKING I** **1 CREDIT** **GRADES: 10 - 12** **1 SEMESTER**

***Prerequisite:*** *None*

A beginning course that focuses on using power tools and equipment to create projects out of wood. The classroom component will emphasize reading woodworking plans, design and drafting, and adding and subtracting fractions. The majority of class will be spent working in the wood shop, learning how to select, cut and join wood to create a quality finished project. For the final assignment, the student will design, draft and build a woodworking project. *** PPE is required to participate in the woodshop lab, solid, close toed shoes as well as other issued PPE is required.

**WOODWORKING II** **1 CREDIT** **GRADES: 10 - 12** **1 SEMESTER**

***Prerequisite:*** *Successful completion of Woods I or Geometry in Construction*

This course will focus on skills and processes used to create advanced woodworking projects. Emphasis will be placed on applying math skills to woodworking. The majority of class will be spent working in the wood shop, learning advanced woodworking techniques used to make quality projects. *** PPE is required to participate in the woodshop lab, solid, close toed shoes as well as other issued PPE is required.

**BUILDING AND TRADES** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**

***Prerequisite: none***

Students explore various trades that are involved in constructing a home. This includes safety, technical math, lay-out and excavation, concrete and masonry, carpentry, electrical wiring, plumbing, heating and air conditioning, painting and decorating as well as landscaping. As the students come to know what is involved in the different areas of construction, they will be able to make an informed choice as to which area of the building trades they would like to pursue as a vocation *** PPE is required to participate in the woodshop lab, solid, close toed shoes as well as other issued PPE is required.

**INTRODUCTION TO FIRE SCIENCE** **1 CREDIT** **GRADE: 10** **1 SEMESTER**
***Prerequisite: None***

This class is to serve as an exploratory option for students that may potentially be interested in the fire science program. Activities and lessons will focus around the basics of fire science and the EMT world.

**FIRE SCIENCE I** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
***Prerequisite: None***

This course will be taught in conjunction with the state requirements in order to become a certified firefighter partnering with the Minooka fire training center. Coursework will be a combination of classwork, blended classwork, training exercises and scenarios. Students enrolling in the course must register with the Minooka or Channahon Fire Cadet program.***Fire Science students will be required to wear instructor approved PPE for program participation. Specialty PPE will be issued as needed and must be worn for all appropriate activities.PPE guidelines and expectations will be reviewed and issued at the start of the course.

**FIRE SCIENCE II** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite: Fire Science I***

This course will be taught in conjunction with the state requirements in order to become a certified firefighter in partnership with the Minooka fire training center. Coursework will be a combination of classwork, blended classwork, training exercises and scenarios. Students enrolling in the course must register with the Minooka or Channahon Fire Cadet program.***Fire Science students will be required to wear instructor approved PPE for program participation. Specialty PPE will be issued as needed and must be worn for all appropriate activities.. PPE guidelines and expectations will be reviewed and issued at the start of the course.

# ENGLISH COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair – Dr. JaRita Steward

### INTRODUCTION

The purpose of the English department at Minooka Community High School is to foster the habits of mind, critical thinking, and literacy skills--reading, writing, listening, speaking, and digital communication--that are necessary for students' success as engaged and informed lifelong learners in various rhetorical and creative contexts.

### COURSE OFFERINGS

*AP English Language and Composition
*AP English Literature and Composition
Creative Writing I, II
Debate
Literacy Support
English I
English I Honors
English II
English II Honors
English III
English IV/Transitional English
Myths, Legends, and Folklore
JJC COMM 101 Principles of Speech Communication DC
JJC English 101 DC
JJC English 102 DC
uMedia and Journalism I, II, III, IV
*Speech Communications Honors
Poetry
Speech Communications
Sports Literature
Sports Media
uYearbook Publication I, II, III, IV
Young Adult Literature
English for the Professional Trades
True Crime

# English Course Sequence

## Grade 9

**Required Freshman English Course**

*Students must select one of the following two tiers*

**English I**

***English I Honors**

English Electives: Students may take these electives Freshman year, but they do not count toward fulfilling the English graduation requirement.

**Creative Writing I, II**
**Literacy Support**
**Myths, Legends, & Folklore**
Sports Literature

## Grade 10

**Required Sophomore English Course**

*Students must select one of the following two tiers*

**English II**

***English II Honors**

English Electives: Students may take these electives Sophomore year, but they do not count toward fulfilling the English graduation requirement.

**Creative Writing I, II**
**Myths, Legends, & Folklore**
Sports Literature

## Grade 11

**Required Junior English Course**

*Students must select one of the following two tiers*

**English III**

***AP Language and Composition**

English Electives: Students may take these electives Freshman year, but they do not count toward fulfilling the English graduation requirement.

**Creative Writing I, II**
**Debate**
**Myths, Legends, & Folklore**
Sports Literature
**Poetry**
Sports Literature
True Crime
**Young Adult Literature**

## Grade 12

**Required Senior English Course**

*Seniors are encouraged to select one of the following three tiers*

**English IV/Transitional English**
***AP Literature and Composition**
**English 101** ***DC***
**English 102** ***DC***

English Electives: Students may take these electives Freshman year, but they do not count toward fulfilling the English graduation requirement.

**Creative Writing I, II**
**Debate**
**Myths, Legends, & Folklore**
Sports Literature
**Poetry**
Sports Literature
**English for the Professional Trades**
True Crime
**Young Adult Literature**

*= Weighted class
u= Course designated "Computer Applications"
*DC*= Dual Credit
BOLD = Meets NCAA eligibility requirements

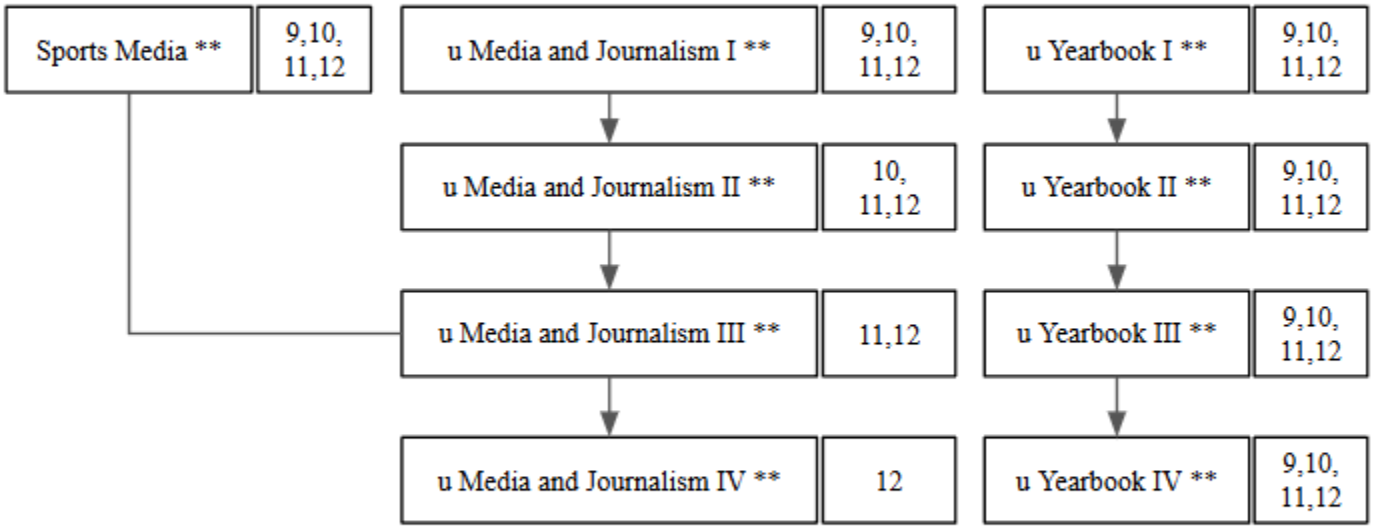
## Speech Requirement

**Speech Communication**
**Honors Speech Communication ***
**COMM 101: Principles of Speech Communication** ***DC***

*1 Credit taken either Sophomore, Junior, or Senior year.*

# Journalism and Yearbook Pathway

*These courses do not fulfill the English Graduation Requirement*




*= Weighted class
**= 2 credits
***= 1 credit
u= Course designated "Computer Applications"
*DC*= Dual Credit

**AP ENGLISH LANGUAGE AND COMPOSITION** ***weighted course*** **2 CREDITS** **GRADE: 11** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level II English.*

The AP English Language and Composition course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts--including images as forms of text--from a range of disciplines and historical periods. Test preparation for SAT will be a component of the course throughout the year. Students will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam. There may be an additional expense for summer reading materials. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement.***

**AP ENGLISH LITERATURE AND COMPOSITION** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level III English.*

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. There is a fee associated with the AP Exam. There may be an additional expense for summer reading materials. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement.***

**CREATIVE WRITING I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** None

Creative Writing I is an elective course designed for students who specifically enjoy creative writing and want to learn more about the intricacies of this art, including an exploration of different genres. The course will involve a close examination of one's grasp of detail and form, through the completion of required writing exercises, and the composition of one's own writing portfolio. Submission of at least one piece of writing to *Kaleidoscope*, MCHS' literary magazine is a requirement for this course. ***This course fulfills one semester of the State of Illinois' "writing intensive" requirement.***

**CREATIVE WRITING II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Creative Writing I.*

Creative Writing II is a one-semester, elective course offered to students who wish to further their writing skills developed in Creative Writing I. The course will focus on expanding the students' Creative Writing I portfolios, mastering advanced writing techniques and vocabulary, and submitting various pieces of original writing for publication. Creative Writing II will be divided into several curricular units during which students will write, revise, and submit writing. ***This course fulfills one semester of the State of Illinois' "writing intensive" requirement.***

**DEBATE** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level I English and level II English.*

Debate will give students formal debate experience. Students will examine and utilize the process of argumentation, determine and evaluate resolutions, develop a research strategy, and participate in standard cross-examination and Lincoln-Douglas debates. Students will also discuss current controversial issues and events.

**ENGLISH I** **2 CREDITS** **GRADE: 9** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *None*

English I focuses on close reading, analytical writing, and language skills that have immediate relevance for students and that will be essential for their future coursework. Short texts take center stage in the English I classroom, where students engage in close, critical reading of a wide range of literary and nonfiction works. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and to communicate ideas. These writing skills will then be utilized to build full-length essays showing students' ability to utilize what they've learned. The purpose of English I is to focus on the foundations of literacy, including reading and analyzing texts, writing, active listening, and introductory speaking skills. Preliminary research methods are introduced, as well as editing and formatting.

**ENGLISH I** **2 CREDITS** **GRADE: 9** **1 YEAR**
Meets NCAA eligibility requirements
*Prerequisite: None*

English I focuses on close reading, analytical writing, and language skills that have immediate relevance for students and that will be essential for their future coursework. Short texts take center stage in the English I classroom, where students engage in close, critical reading of a wide range of literary and nonfiction works. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and to communicate ideas. These writing skills will then be utilized to build full-length essays showing students' ability to utilize what they've learned. The purpose of English I is to focus on the foundations of literacy, including reading and analyzing texts, writing, active listening, and introductory speaking skills.

Preliminary research methods are introduced, as well as editing and formatting.

**ENGLISH I HONORS** ***weighted course*** **2 CREDITS** **GRADE: 9** **1 YEAR**
Meets NCAA eligibility requirements
*Prerequisite: none*

English I Honors is an accelerated course that focuses on close reading, analytical writing, and language skills that have immediate relevance for students and that will be essential for their future coursework. Texts take center stage in the Pre-AP English I classroom, where students engage in close, critical reading of a wide range of literary and nonfiction works. The course trains the reader to observe the small details within a text to arrive at a deeper understanding of the whole. It also trains the writer to focus on crafting complex sentences as the foundation for writing to facilitate complex thinking and to communicate ideas. The purpose of English I Honors is to focus on the foundations of literacy, including reading and analyzing texts, writing, active listening, and introductory speaking skills. Preliminary research methods are introduced, as well as editing and formatting.

**ENGLISH II** **2 CREDITS** **GRADE: 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level I English.*

English II spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English I introduces the foundational routines of close observation, critical analysis, and appreciation of the author's craft, English II requires students to apply those same practices to a new host of complex texts--the types of texts they will soon encounter in English III, English IV, AP English courses, college classes, and on the SAT. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays without losing sight of the importance of well-crafted sentences and a sense of cohesion. The purpose of English II is to promote critical thinking, elevated writing, and analytical reading in response to various texts. This course fulfills two semesters of the State of Illinois' "writing intensive" requirement.

**ENGLISH II HONORS** ***weighted course*** **2 CREDITS** **GRADE: 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level I English.*

English II Honors is an accelerated course that spotlights the recursive moves that matter in preparing students for the rigors of college-level reading and writing. While English I introduces the foundational routines of close observation, critical analysis, and appreciation of the author's craft, English II Honors requires students to apply those same practices to a new host of complex texts--the types of texts they will soon encounter in English III, English IV, AP English courses, college classes, and on SAT. As readers, students develop a vigilant awareness of how the poet, playwright, novelist, and writer of nonfiction alike can masterfully manipulate language to serve their unique purposes. As writers, students compose more nuanced essays without losing sight of the importance of well-crafted sentences and a sense of cohesion. The purpose of English II Honors is to promote critical thinking, elevated writing, and analytical reading in response to various texts. This course fulfills one year of the State of Illinois' "writing intensive" requirement.

**ENGLISH III** **2 CREDITS** **GRADE: 11** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level II English.*

In English III, the literature selections aid understanding and appreciation of the development of literature through the study of multiple writings, spanning several centuries. In addition to the fictional and nonfictional literature covered, mechanical, rhetorical, and MLA formatting skills will also be reviewed. Completion of an analysis and argument paper is a requirement for the course. Along with the aforementioned selections, state test preparation will be a component of the course throughout the year. ***This course fulfills one year of the State of Illinois' "writing intensive" requirement.***

**ENGLISH IV** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of level III English.*

Transitional English is a college preparatory course that develops student skills in reading, critical thinking and analysis, and writing to support student success across majors and career pathways while aligning to the Illinois Learning Standards. This course will focus on the following competencies: reading (active reading strategies, summarization of a text, analysis, and interpretation of texts), writing (identification of and writing processes based on the audience, purpose, and task, incorporation and documentation of relevant information), critical thinking and analysis (credibility and reliability of evidence, engagement with evidence, information literacy skills). Additionally, this course emphasizes domains of metacognition and essential skills to develop self-awareness and overall college and career readiness. Upon completion of this course, students should be able to adapt their approaches and strategies as they engage in reading and writing tasks; analyze, evaluate, and synthesize while reading and writing; and demonstrate information literacy skills as an engaged reader and contributing writer. This course holds portability credit for JJC.

**ENGLISH FOR THE PROFESSIONAL TRADES** **1 CREDIT** **GRADE 12** **1 SEMESTER**
***Prerequisite:*** *English III, Recommended GAVC enrollment*

This one-semester course would fulfill the graduation requirement for English while catering to our students who are not college-bound. Students in GAVC and other similar programs would benefit from this course. Coursework will be centered on career-related reading, writing, and research work. The same skills covered in English IV will be addressed through a career lens.

**LITERACY SUPPORT** **1 CREDITS** **GRADE 9, ELL** **1 SEMESTER**
***Prerequisite: None***

Literacy assists incoming freshmen in transitioning to reading and comprehending highschool-level materials. Across this semester-long course, students will learn strategies to navigate upper-level texts across subject areas. Through a mixture of whole-group instruction, small-group collaboration, and independent study, students will build their academic vocabulary, close reading techniques, and strengthen digital literacy skills using various fiction and nonfiction texts.

**MEDIA AND JOURNALISM I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *None*

In Media and Journalism I, students will focus on learning, developing, and practicing skills necessary for journalistic writing. Areas that will be covered are: history of journalism, publication terminology, reporting, interviewing, news writing, feature writing, sports writing, headline writing, and photo journalism. Students may have the opportunity to submit articles for publication in the *Peace Pipe Chatter*. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement. This course fulfills one semester of the "computer application" graduation requirement.***

**MEDIA AND JOURNALISM II** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Media and Journalism I or Sports Media, (minimum "C" average recommended).*

Media and Journalism II students will continue practicing the skills learned in Media and Journalism I. In addition, they will study press law and ethics, investigative reporting, editorial writing, editing, and layout design using Adobe InDesign. Students will be responsible for producing the student newspaper. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement. This course fulfills one semester of the "computer application" graduation requirement.***

**MEDIA AND JOURNALISM III** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Media and Journalism II, (minimum "C" average recommended).*

Third-year media and journalism students will continue refining the skills studied in Media and Journalism I and II. Additional skills that will be developed are advanced editing, advanced layout, newspaper design, and graphics. Students will apply their learning to the production of a quality newspaper. ***This course fulfills one semester of the "computer application" graduation requirement.***

**MEDIA AND JOURNALISM IV** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Media and Journalism III, (minimum "C" average recommended).*

Fourth-year journalism students will continue refining the skills studied in Journalism I and II. Additional skills that will be developed are advanced editing, advanced layout, newspaper design, and graphics. Students will apply their learning to the production of a quality newspaper. ***This course fulfills one semester of the "computer application" graduation requirement.***

**MYTHS, LEGENDS AND FOLKLORE** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements Prerequisite: None

This course is a one-semester, elective course designed for students interested in learning about myths, legends, and folklore from various countries and regions of the world. The course provides students with multicultural perspectives that can be applied to other areas of literature and writing. Classwork will enable students to explore some of the fundamental thematic and literary elements in classical literature that are still alluded to in contemporary society (literature, politics, the entertainment industry, etc.).Students will study tales of Africa, Greece, the Middle East, Europe, The Americas, and The Far East, as well as related film, music, and artwork. The course can include reading, writing assignments, oral interpretations, poetry, music, and other activities.

**POETRY** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
Prerequisite: None

An English elective, Poetry will give students a unique learning experience, allowing them to study and create text within a specific genre of English. Poetry will incorporate a multicultural analysis of poetry and poets, ranging from the Medieval to Postmodern eras, with directed writing opportunities allowing students to utilize skills through creating self-texts. The course will also broaden students' knowledge of past and present poetic devices and writing techniques, thus expanding their abilities to comprehend not only what the poet/author writes but also how the poet/author conveys a message through writing. Students are strongly encouraged to take at least one Creative Writing course in preparation for this course.

**SPEECH COMMUNICATION** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements, true crime
***Prerequisite:*** *Successful completion of level I English.*

Through the MCHS Speech course, students will refine research, organizational, and delivery skills, while building self-awareness and adapting messages to specific audiences and situations. A variety of speaking situations will be required, including informative, persuasive, narrative and impromptu speeches. This course will enable students to improve their communication skills, allowing them to gain confidence in their ability to speak meaningfully and easily in various situations. ***This course fulfills the "Speech" graduation requirement.***

**SPEECH COMMUNICATION HONORS** ***weighted course*** **1 CREDIT** **GRADES: 10 or 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** *Concurrently enrolled in English Honors or successful audition.*

Speech Communication Honors assists students in developing a variety of communication skills that will benefit them in upper-level English courses. This course provides intensive instruction and practice in argumentation and debate through a variety of oral presentations including oratorical declamation, persuasive speaking, extemporaneous speaking, and cross-examination style debate. Media literacy and broadcasting skills will also be practiced. Topics in Interpersonal communication such as self disclosure, listening, nonverbal communications, leadership and intercultural communication are also included. College-level research and organizational skills will be developed. ***This course fulfills the "Speech" graduation requirement.***

**SPORTS LITERATURE** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *None*

Sports Literature will include reading selections revolving around contemporary and historical sports-related events and athletes. The class will study different literary and writing techniques used in various forms of sports literature. It will involve reading newspaper and magazine articles, autobiographies, and various stories having sports-related themes. The class will incorporate interviewing techniques, individual research/study of sports-related stories, daily blogs, and sports-related podcasts.

**SPORTS MEDIA** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *None*

Using MCHS athletics as the primary focus, students will learn, develop, and practice skills necessary for journalistic writing for a variety of media. Students will create stories, photos, videos, and graphics to bring MCHS sports news to the community. With the student newspaper and website as outlets, students have the opportunity for real-world experience while writing for an authentic purpose. ***This course fulfills two semesters of the State of Illinois" "writing intensive" requirement.***

**TRUE CRIME** **1 CREDIT** **GRADES: 11 – 12** **1 SEMESTER**
***Prerequisite:*** *None*

Students will try to establish the truth, decisions, and power using rhetoric, bias, evidence, and reasoning. The semester will follow a theme (truth, decisions, and power) where students will have to create essential questions to focus on their theme. This genre will help students with a variety of English objectives. Through different texts, students will use their ability to analyze and argue using evidence and reasoning. This class will encompass communication/listening skills, writing, and reading to decipher rhetoric and bias.

**YEARBOOK PUBLICATION I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *None*

This is an elective English course designed to provide students with an opportunity to learn the basic skills of journalism. Copywriting, proofreading, photojournalism, layout design, photo selection and cropping, graphic design, and copy fitting will be practiced through the creation of the school's yearbook. Grades in this course will be based upon the demonstration of basic skills, preparation of meaningful and creative copy, creation and completion of original designs, mastery of computerized word processing, and thorough completion of all assigned work by designated deadlines. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement. This course fulfills one semester of the "computer application" graduation requirement.***

**YEARBOOK PUBLICATION II** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Yearbook Publication I, (minimum"C" average recommended).*

Students will expand on the skills learned in Yearbook Publication I by learning and practicing advanced desktop publishing techniques. The mastery of these advanced skills will be demonstrated through the creation of pages in the school's yearbook. ***This course fulfills two semesters of the State of Illinois' "writing intensive" requirement. This course fulfills one semester of the "computer application" graduation requirement.***

**YEARBOOK PUBLICATION III AND IV** **2 or 4 CREDITS** **GRADES: 11 - 12** **1 or 2 YEARS**
***Prerequisite:*** *Successful completion of all previous levels of Yearbook Publication, (minimum "C" average recommended).*

Students will expand their Yearbook Publication I and II skills by learning and practicing the advanced editing and decision-making skills needed to serve as section editors, assistant editors, and senior editors for the school's yearbook. ***This course fulfills one semester of the "computer application" graduation requirement.***

**YOUNG ADULT LITERATURE** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level I English and level II English.*

Students will participate in reading, writing, and discussions based on contemporary issues found in contemporary young adult literature. Some issues discussed in this course may include but are not limited to mental health issues such as depression and anxiety, racial and ethnic relations, diversity and equity, gender studies, LGBTQ+ issues, drug abuse/addiction, poverty and homelessness, immigration, grief and bereavement, social awareness, and education. Students will participate in large-class readings and discussions, small group discussions and activities, and individual projects.

## JOLIET JUNIOR COLLEGE ENGLISH COURSES

**JJC ENGLISH 101 RHETORIC *DC*** **1 H. S. CREDIT** **GRADE: 12** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

***Prerequisite:*** *Completed JJC application online through www.jjc.edu. Completed Accuplacer Writeplacer test (for Writing) and the Accuplacer Reading test (for Reading) at JJC with a score in Writing of 5-8 and in Reading of 246-300 or a Revised PSAT score of 480 or higher in Evidence-Based Reading and Writing. Student has earned a minimum grade of "C" in all previous JJC classes.*

This course is designed to teach writing skills necessary for success in college. It is required for students intending to continue in a college baccalaureate program. Special emphasis is placed upon summary writing, exposition, and argumentation. Students will read and evaluate various forms of writing, as designated by the Joliet Junior College curriculum. Students are required to complete critical analyses, research pieces, and position papers. Space in this course is limited and will be contingent on timely completion of prerequisites. Registration priority will be determined by the completion date of the prerequisite test. Prerequisite test results must be brought to your counselor no later than February 2, 2027. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

**JJC ENGLISH 102 RHETORIC *DC*** **1 H. S. CREDIT** **GRADE: 12** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

***Prerequisite:*** *Successful completion of English 101.*

This course provides continued training and practice in composition. It employs examples of literary genres to help students develop their college-level writing competencies. Special emphasis is placed upon evaluating literary periods and their respective themes and styles through critical analysis and research. A 2500+-word research paper is required. Space in this course is limited and will be contingent on timely completion of prerequisites. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

**JJC COMM 101 PRINCIPLES OF SPEECH COMMUNICATION DC** **1 H.S. CREDIT** **GRADES:11-12** **1 SEMESTER**
**3 COLLEGE CREDITS**

***Prerequisite:*** *Completed JJC application online through www.jjc.edu. Completed Accuplacer Writeplacer test (for Writing) and the Accuplacer Reading test (for Reading) at JJC with a score in Writing of 5-8 and in Reading of 246-300 or a Revised SAT score of 500 or higher in Evidence-Based Reading and Writing. Student has earned a minimum grade of "C" in all previous JJC classes. Registration priority will be determined by the date of a completed JJC application on file. This course fulfills the Speech graduation requirement.*

This course is a college-level speech communication class. The fundamentals of oral communication principles and skills will be utilized. The course includes study and practice in public speaking and group discussion, preparation and organization, and delivery techniques. Space in this course is limited and will be contingent on timely completion of prerequisites. Prerequisite test results must be brought to your counselor no later than February 2, 2027. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

# MATHEMATICS COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mrs. Tracey Adams

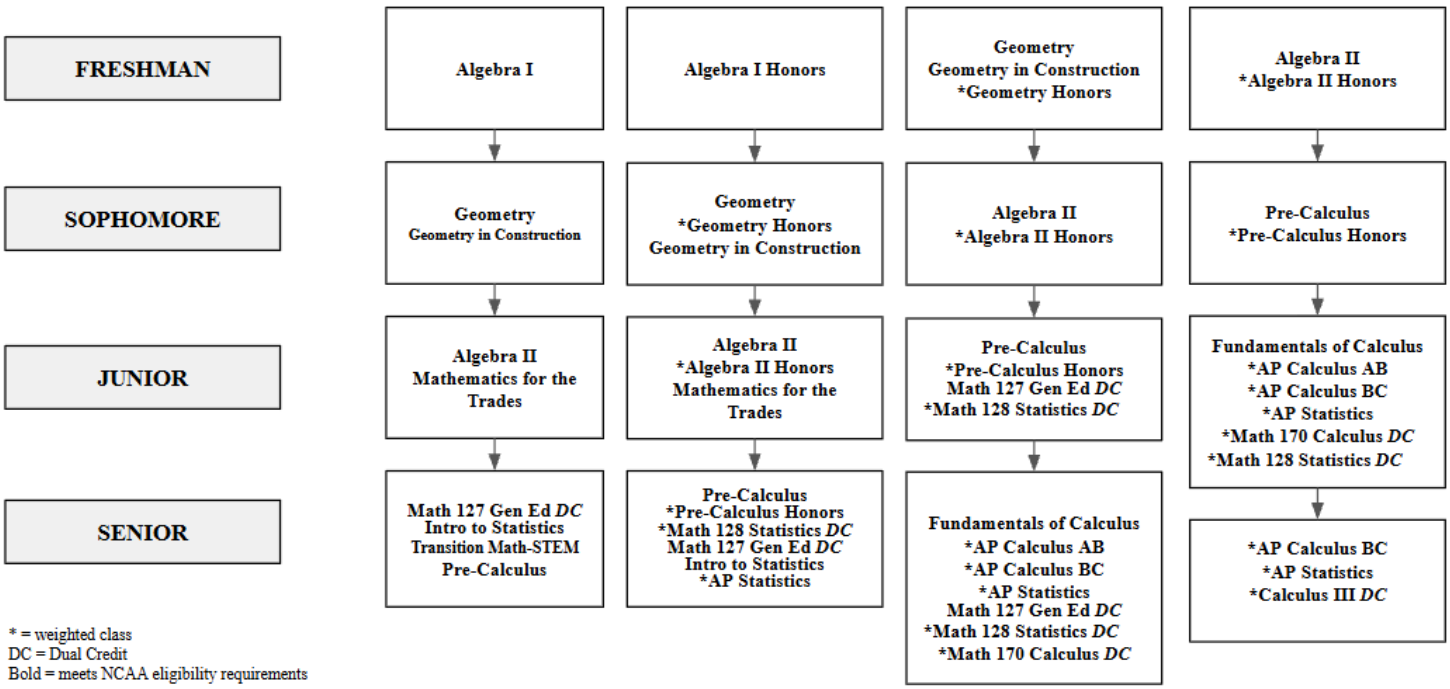
### INTRODUCTION

The Minooka Community High School Mathematics Department offers a variety of courses at different levels to satisfy the needs of all students at Minooka Community High School. We offer courses to prepare students for college, junior college, vocational, and technical schools. In addition, the Mathematics Department offers students the opportunity to earn high school and college credit in Calculus and Statistics.

### COURSE OFFERINGS

*AP Calculus AB
*AP Calculus BC
*AP Statistics
Algebra I
*Algebra I Honors
Algebra II
*Algebra II Honors
Algebra II Resource
*Calculus III (Loyola) *DC*
Fundamentals of Calculus
Geometry
*Geometry Honors
Geometry in Construction
Mathematics for the Trades
Introduction to Statistics (2nd Semester)
Math 127 Math for General Education (JJC) *DC*
*Math 128 Elementary Statistics (JJC) *DC*
*Math 170 Calculus I (JJC) *DC*
Pre-Calculus
*Pre-Calculus Honors
Transition Math-STEM

### SUGGESTED MATHEMATICS COURSE SEQUENCES




* = weighted class
DC = Dual Credit
Bold = meets NCAA eligibility requirements

**ALGEBRA I HONORS** ***weighted course*** **2 CREDITS** **GRADE: 9** **1 YEAR**
***Meets NCAA eligibility requirements Prerequisite:*** *Teacher recommendation*
***Note:*** *Students who earn an "A" or "B" in this class along with a teacher recommendation will be recommended for Honors Geometry as a sophomore. Required: TI-84+ (any edition).*

Algebra I Honors includes solving equations of various degrees, simplifying polynomials, factoring, solving systems of equations, and graphing linear and quadratic functions. The course also includes various types of word problems. Expansion of some topics for enrichment purposes is included. Students will be required to complete a summer assignment prior to the start of the class.

**AP CALCULUS AB** ***weighted course*** **1 CREDIT** **GRADES: 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous math course and teacher recommendation.*
Required: TI-84+ (any edition)

The first semester includes a solid calculus program that will provide an in-depth study of functions in general, limits, as well as differentiations of functions. The second semester will cover integration of functions and the application of the definite integral. Students will integrate transcendental functions and other methods of integration. The student will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class.

**AP CALCULUS BC** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous math course and teacher recommendation.*

Required: TI-84+ (any edition)

AP Calculus BC is a college level course, which includes topics covered in AP Calculus AB. Additional topics include sequence and series, vectors, polar and parametric functions, all developed within the themes of calculus. This course is equivalent to the traditional college level Calculus I and II. Students will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class.

**AP STATISTICS** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Algebra 2 or higher and teacher recommendation.*
Required: TI-84+ (any edition)

AP Statistics is an introductory course equivalent to a one-semester college statistics course. The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The student will be required to take the Advanced Placement Exam in May. There is a fee associated with the AP Exam.

**ALGEBRA I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
Meets NCAA eligibility requirements
**Required: TI-84+ (any edition)**

The Algebra I Common Core instructional time will focus on four critical areas. The course will deepen and extend understanding of linear and exponential relationships. It will contrast linear and exponential relationships and engage in methods for analyzing, solving, and using quadratic functions. The focus will also include application of linear models to data that exhibit a linear trend.

**ALGEBRA II** **2 CREDITS** **GRADES: 10 or 11-12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite: Successful completion of Algebra I and Geometry***
Required: TI-84+ (any edition)

The Algebra II course covers solving and graphing quadratic equations, solving and graphing linear inequalities, functions, solving systems of equations, operations of polynomials and factoring, operations of rational expressions, operations of radical expressions, logarithmic functions, arithmetic/geometric sequence and series, probability and statistics.

**ALGEBRA II HONORS weighted course** **2 CREDITS** **GRADES: 9 - 10 or 11** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous math course and teacher recommendation.*
Required: TI-84+ (any edition)

The Algebra II Honors class consists of the basic areas covered in the regular Algebra II class, such as solving equations and inequalities, graphing, and the use of rational and irrational numbers. The honors curriculum also covers logarithms, exponents, conic sections, matrices, probability and statistics. These topics are dealt with in greater depth and detail. Students will be required to complete a summer assignment prior to the start of the class.

**ALGEBRA II RESOURCE** **1 CREDIT** **GRADES: 11 - 12** **1 YEAR**
Credit: 1 Elective credit
***Prerequisite:*** *Successful completion of Geometry and teacher recommendation*

This class provides academic support through reinforcement and clarification of concepts presented in Algebra II. During this resource time students can work on assignments for other courses, attend other content labs, or visit the library. Students will receive a grade of P (pass) or F (fail).

**FUNDAMENTALS OF CALCULUS** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Pre-Calculus/Pre-Calculus Honors and teacher recommendation.*
Required: TI-84+ (any edition)

This calculus course reviews Pre-Calculus concepts and introduces a study of limits, derivatives, integrals, and functions including trigonometric, exponential, and logarithmic functions.

**GEOMETRY** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite***: *Successful completion of Algebra I.* ***If you are an incoming freshman, you must have a teacher recommendation.***
Required: TI-84+ (any edition)

The Geometry course interrelates geometric concepts with algebraic skill. The year-long course covers geometric terms, proofs, congruency, construction, similarity, right triangles and trigonometry. It will also include circles, expressing geometric properties with equations, geometric measurement, dimension and modeling.

**GEOMETRY IN CONSTRUCTION** **2 CREDITS** **GRADES: 9 – 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite***: *Algebra I*
Required: TI-84+ (any edition)

The common core aligned geometry curriculum is taught in the context of construction. The course is team taught by a math teacher and a technology teacher. The concepts within the course are organized to complement the skills and the knowledge needed in the building process starting with foundational concepts. The students in this course will have math and build days on each scheduled school day, however times may be flexible depending on the class time that is needed that day, some may be more focused on math concepts other days may be more heavily weighted toward building. On the build days, the students will be working together to build a tiny house, shed, chicken coop or other project. This course will provide students the opportunity to immediately apply what they are learning in the classroom to what they are doing on the project site. Students will receive two credits for this year long, blocked course; one elective credit, one math credit.

**GEOMETRY HONORS *weighted course*** **2 CREDITS** **GRADES: 9 - 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous math course and teacher recommendation.*
**Required: TI-84+ (any edition)**

Geometry Honors is an integrated study of the elements of the plane, solid, and coordinate geometry. Beyond the concepts of geometry, Geometry Honors also covers proofs, trigonometric functions, and transformation geometry. There will tend to be less repetition and more challenging exercises. Many exercises will interrelate geometric concepts with algebraic skills. Students who have shown exceptional ability in algebra may be considered for enrollment in this course. Students will be required to complete a summer assignment prior to the start of the class.

**MATHEMATICS FOR THE TRADES** **2 CREDITS** **GRADES: 11-12** **1 YEAR**
***Prerequisite:Successful completion of Algebra I and Geometry with teacher recommendation and a concurrent enrollment in a CTE course for trades or program.***

Trades Math is a career-focused mathematics course designed for students interested in skilled trades, apprenticeships, technical programs, and other workforce pathways. Students apply algebra, geometry, measurement, proportional reasoning, statistics, and trigonometry to authentic problems encountered in construction, electrical, plumbing, HVAC, automotive, manufacturing, welding, and other technical fields. Topics include measurement, estimation, blueprint reading, scale drawings, material calculations, technical formulas, financial mathematics, and job-based problem solving. Students will complete hands-on projects and performance tasks that connect mathematical concepts to real-world career applications. Course will not be NCAA Approved.

**INTRODUCTION TO STATISTICS** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Algebra II with teacher recommendation*
Required: TI-84+ (any edition)

This class is designed for students who plan to attend college, but do not plan to major in a math or science related field. The students will be introduced to the real-life data driven world. They will be introduced to the concepts and tools for collecting, analyzing and drawing conclusions from data. This course includes study in both descriptive and inferential statistics.

**PRE-CALCULUS** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Algebra II ("C" average recommended) and teacher recommendation*
Required: TI-84+ (any edition)

This course is designed to provide the students with a fourth-year math course in preparation for college. **The first portion of this course covers trigonometric** concepts including the unit circle, graphing trig functions, and working with trig identities and formulas. **The second portion of this course covers college algebra** concepts including linear functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations, matrices, vectors, and conics. Pre-Calculus Honors or Trigonometry may not be taken after this course.

**PRE-CALCULUS HONORS *weighted course*** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous math course and teacher recommendation.*

Required: TI-84+ (any edition)

This course takes an intensified look at theoretical and applied trigonometry. It also goes into a deeper study of college algebra, which includes the solving of high-degree equations and the approximation of roots as well as a study of vectors. The course also introduces analytical geometry and calculus through an introduction to limits. Students will be required to complete a summer assignment prior to the start of class. This course is intended to prepare students for AP Calculus AB and BC or a college level calculus course.

**TRANSITION MATH - STEM** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Algebra II and teacher recommendation*
Required: TI-84+ (any edition)

Transition math will increase college readiness for high school seniors. Its key feature is the guaranteed placement a student receives upon successful completion at all Illinois community colleges and accepting Illinois universities with a grade of C or better for both semesters. This course requires students to apply mathematics in the context of real-life authentic tasks. A major focus of this course is incorporating problem-based learning.

## JOLIET JUNIOR COLLEGE MATHEMATICS COURSES

**MATH 127 MATH FOR GENERAL EDUCATION *DC*** **1 H.S. CREDIT** **GRADE 11-12** **1 SEMESTER**
**3 COLLEGE CREDITS**

Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion (C or better each semester) of Algebra 2 or Algebra 2 Honors, and a score of 22 or better on the Mathematics section of the ACT or 530 or better on the mathematics section of the SAT.*

This course is designed for college-bound students who do not intend to study Calculus. Mathematical topics are integrated into the physical and social sciences through a focus on mathematical reasoning and mathematical modeling. An emphasis is placed on the application of mathematics to real-life problems. Topics may include finance, social choice theory, cryptography, graph theory, mathematics of nature and probability. Transferable college credit is given upon successful completion of the course. Students will be responsible for paying a credit fee directly to JJC.This course is a participating course of the Illinois Articulation Initiative (IAI) and is fully transferable to more than 100 Illinois higher education institutions.

**MATH 128 ELEMENTARY STATISTICS *DC weighted course*** **2 H. S. CREDITS** **GRADES: 11 - 12** **1 YEAR**
**4 COLLEGE CREDITS**

Meets NCAA eligibility requirements
***Prerequisite:*** *Completed JJC application online through www.jjc.edu. Completed ALEKS math test at JJC with a score of 40-100. If a student receives a 530 math score on the SAT or a 22 or better on the Mathematics section of the ACT, he or she will not require the ALEKS test. A student must have a "C" or better in Algebra 2.*
Required: TI-84+ (any edition)

This is a first course in statistics focusing on mathematical reasoning and the solving of real life problems. Included are: frequency distributions, measures of position and variation, basic probability theory, probability distributions and the normal curve, statistical inference, correlation and regression, and hypothesis testing. Both a TI-83 Plus or 84 Plus graphing calculator and statistical software will be used. ALEKS test results must be brought to your counselor no later than February 2, 2027. Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a credit fee directly to JJC. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.

**MATH 170 CALCULUS I *DC weighted course*** **2 H.S. CREDITS** **GRADES: 11 - 12** **1 YEAR**
**4 COLLEGE CREDITS**

Meets NCAA eligibility requirements
***Prerequisite:*** *Completed JJC application online through www.jjc.edu. Completed ALEKS math test at JJC with a score of 76-100. Student must have a "C" or better in high school geometry.*
Required: TI-84+ (any edition)

This is the first course in the calculus sequence. It includes an introduction to both the differentiation and the integration of function. Included are several applications of both techniques, such as the determination of area, volumes, and optimization of functions. Also included are considerations of the calculus of transcendental functions, such as trigonometric, exponential, and logarithmic functions. ALEKS test results must be brought to your counselor no later than February 2, 2027. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a credit fee directly to JJC. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

## LOYOLA UNIVERSITY MATHEMATICS COURSES

**MATH 263 CALCULUS III *DC weighted course*** **2 H.S. CREDITS** **GRADES: 11 - 12** **1 YEAR**
**4 COLLEGE CREDITS**

Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of AP Calculus BC and a score of 4 or 5 on Calculus BC AP Exam.*
Required: TI-84+ (any edition)

This mathematics course offered by the department, this is the third course in calculus and analytic geometry, and is the equivalent of a one-semester course offered at the college level. Major units of study include functions of several variables, partial derivatives, parametric plotting, vectors, perpendicularity, 2D integration, gradients, trajectories, 2D and 3D measurements, sources and sinks, transforming 2D and 3D integrals, spherical coordinates and 3D flow. Only those students who intend to take college-level mathematics courses and have shown a high degree of aptitude in previous mathematics courses should enroll. Students will be considered Loyola University students and have all the same benefits and access to their resources (except the recreation facilities). This will be a weighted course. Senior students will be provided the opportunity to receive College Credit through Loyola University, in addition to high school credit. Students will be responsible for paying a course fee to Loyola University (last year it was $65 per credit hour, $260 total). Dual Credit is subject to change based upon revisions made from Loyola University. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this Loyola University course will be accepted as a required or elective credit.

# MUSIC COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mr. Jeff Easthon

### INTRODUCTION

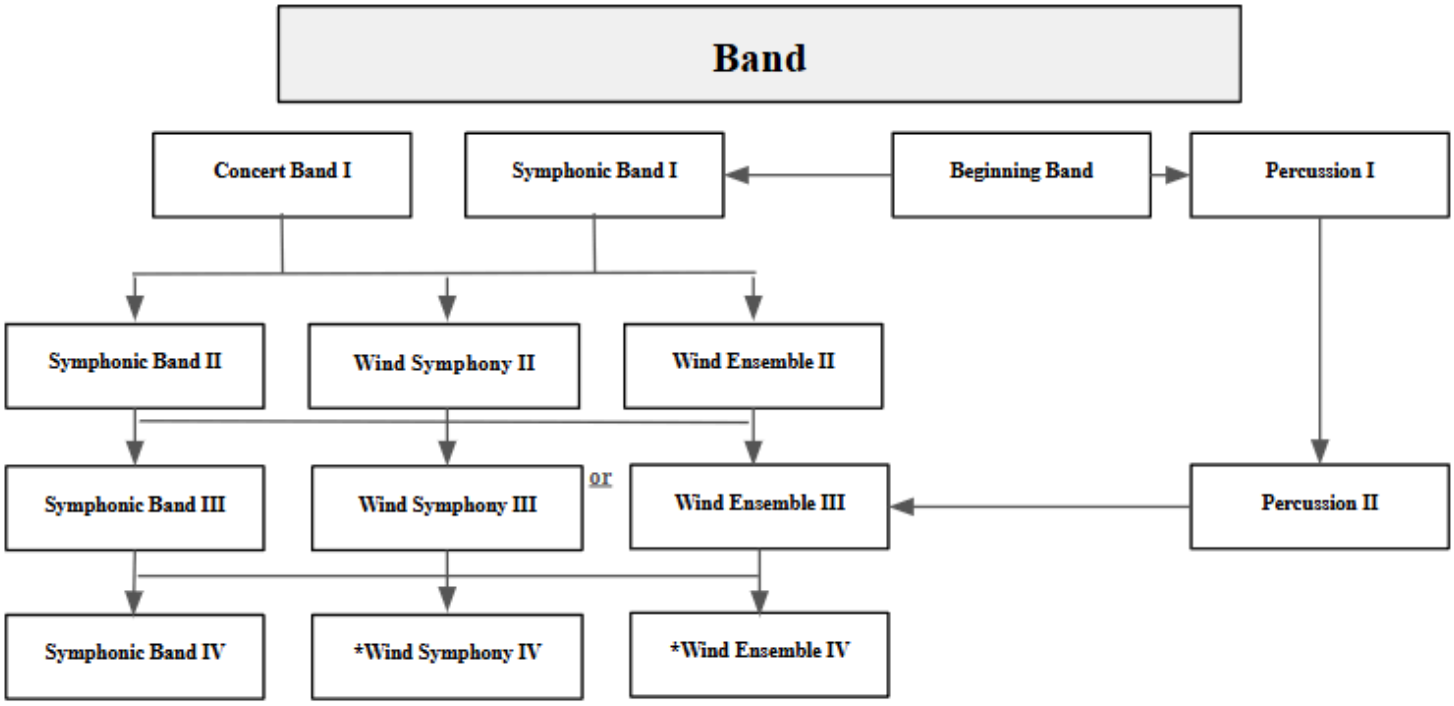
The Minooka Community High School Music Department is dedicated to providing each student with the opportunity to explore and develop his or her own capabilities through a well-rounded curriculum incorporating music performance, history, theory, composition, and aesthetic awareness.

### COURSE OFFERINGS

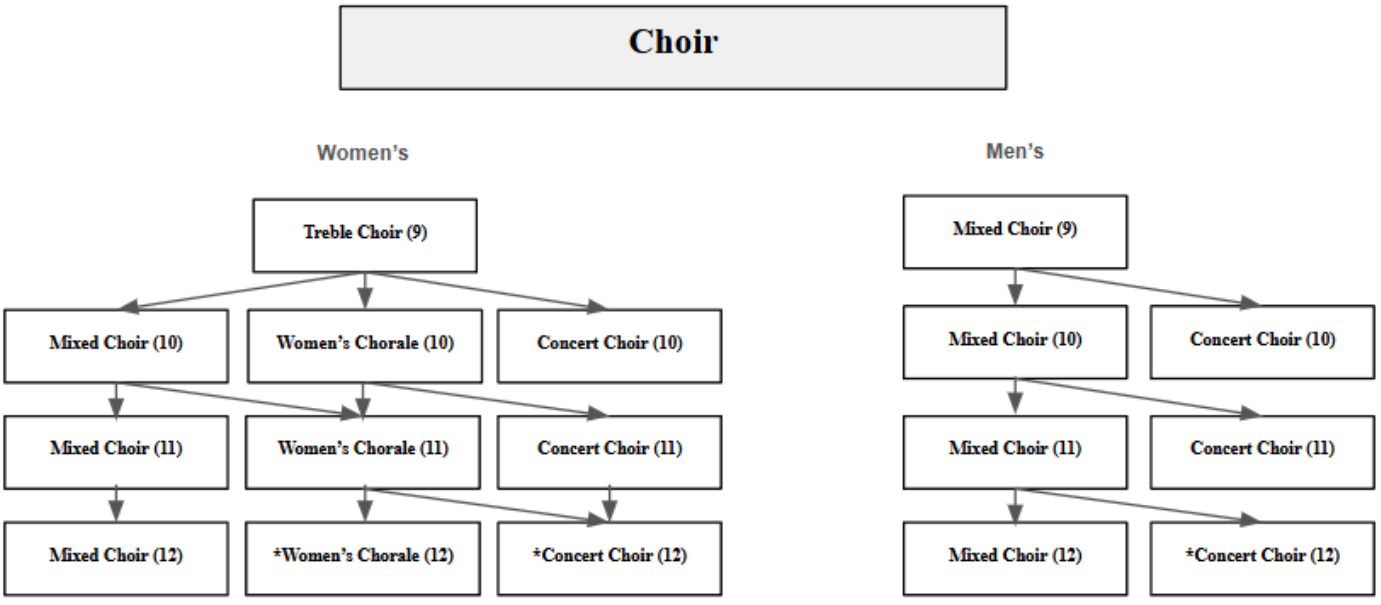
**BAND COURSES**
Beginning Band
Concert Band
Percussion I/II
Symphonic Band
* Wind Ensemble
* Wind Symphony

**CHOIR COURSES**
* Concert Choir
Mixed Choir
Treble Choir
* Women's Chorale

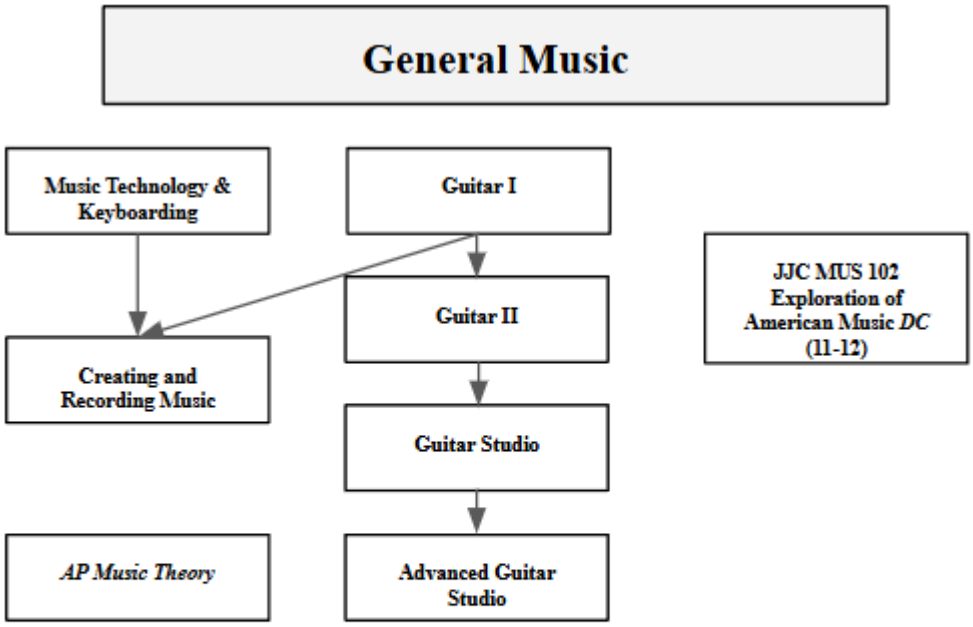
**GENERAL MUSIC COURSES**
Advanced Guitar Studio
*AP Music Theory
Guitar I
Guitar II
Guitar Studio
Music Technology & Keyboarding
Creating and Recording Music
JJC MUS 102 - Exploration of American Music




*DC* = Dual Credit for Juniors and Seniors only
*= Seniors enrolled in this course may apply for honors credit
*Italicized*=Two year member of music ensembles or previous music training and instructor approval




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## BAND

**BEGINNING BAND** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**

***This course fulfills the following needs***: *a) Students with no prior instrumental experience who wish to prepare for enrollment in high school band should select this course. b) Incoming or current band students with limited skills may be required to enroll (recommendation of instructor). c) This course is also open to current band students who desire to learn a secondary instrument. Beginning Band does not qualify current band students for marching/jazz band participation. To be eligible for participation in extracurricular ensembles, student must also be enrolled in a regular curricular band class.*

Beginning band is designed for students with little to no previous instrumental experience. On the first day of class students will select a woodwind, brass, or percussion instrument. Percussion includes learning concert snare, timpani, and mallets. Performances are given throughout the year. Upon completion of the course, students will be eligible to enroll in one of the performance oriented instrumental ensembles the following school year (i.e. band and percussion classes). If students do not own their own instruments, rental opportunities will be made available.

**CONCERT BAND** **2 CREDITS** **GRADE: 9** **1 YEAR**

**P*rerequisite:*** *Previous junior high band experience or private band instrument training. No audition required. Marching Band is required for all first year band students.*

This ensemble is open to all 9th grade students with previous band experience. Focus is on development of individual and ensemble skills through exposure to high school level band repertoire. Public performances such as concerts, contests, field show competitions, and parades take place each semester.

**PERCUSSION I/II** **2 - 4 CREDITS** **GRADES: 9 - 10** **1 - 2 YEARS**

***Prerequisite:*** *Freshman and sophomore percussion students with previous band experience. Marching Band is required for all first year band students.*

This course provides freshman and sophomore percussion students with an opportunity to focus exclusively on percussion studies. Drums, mallets, and auxiliary percussion will all be covered, as well as various performance styles (concert, marching, world, etc). Students will learn the full band repertoire being played by Concert Band and Symphonic Band, as well as working on supplementary percussion material. Focus is on development of individual and ensemble percussion skills. Percussion students will perform with Concert and Symphonic Band on all concerts, contests, parades, and other public performances.

**SYMPHONIC BAND** **2 - 8 CREDITS** **GRADES: 9 - 12** **1 - 4 YEARS**

***Prerequisite:*** *Freshman through senior students by audition. Marching Band is required for all first year band students.*

This ensemble is for advanced freshman instrumentalists (by audition) and sophomore through senior instrumentalists with intermediate individual and ensemble skills. Focus is on continued development of individual and ensemble skills through more challenging band repertoire. Public performances such as concerts and contests take place each semester.

**WIND ENSEMBLE** **2 - 6 CREDITS** **GRADES: 10 or 11 - 12** **1 - 3 YEARS**

***Prerequisite:*** *Sophomore through senior students by audition.*
***Senior Honors Credit Prerequisite:*** *Director's approval via application/audition and participation in band/choir as a junior.*

This ensemble is for sophomore through senior wind and percussion students with advanced individual and ensemble skills and a willingness to devote considerable outside class time to skill development. Focus is on development of individual and ensemble skills through advanced high school and college level band repertoire. Public performances such as concerts and contests take place each semester.

**Honors Band/Choir Credit:** Seniors enrolled in this course may elect to take the class for honors credit. (Students must also have participated in band/choir their junior year). This option is intended for students who possess a high level of interest and strong work ethic in their respective ensembles and are looking for increased rigor. Interested students must complete the Honors Music application and audition process and receive approval from the band/choir director. Approved students will complete all normal requirements for the class as well as additional Honors work each quarter. Honors coursework includes participation in ILMEA auditions, solo performance with accompaniment at Solo & Ensemble Contest, solo performance in an end-of-year Honors Recital, and various writing and music theory assignments.

**WIND SYMPHONY** **2 - 6 CREDITS** **GRADES: 10 or 11-12** **1 - 3 YEARS**

***Prerequisite: Sophomore through senior students by audition.***

***Senior Honors Credit Prerequisite:*** *Director's approval via application/audition and participation in band/choir as a junior.*

This ensemble is for sophomore through senior wind and percussion students with above average individual and ensemble skills and a willingness to devote outside class time to skill development. Focus is on development of individual and ensemble skills through intermediate band repertoire. Public performances such as concerts and contests take place each semester.

**Honors Band/Choir Credit:** Seniors enrolled in this course may elect to take the class for honors credit. (Students must also have participated in band/choir their junior year). This option is intended for students who possess a high level of interest and strong work ethic in their respective ensembles and are looking for increased rigor. Interested students must complete the Honors Music application and audition process and receive approval from the band/choir director. Approved students will complete all normal requirements for the class as well as additional Honors work each quarter. Honors coursework includes participation in ILMEA auditions, solo performance with accompaniment at Solo & Ensemble Contest, solo performance in an end-of-year Honors Recital, and various writing and music theory assignments.

## CHOIR

**CONCERT CHOIR** **2 - 6 CREDITS** **GRADE: 10 Boys (by audition)** **1 - 3 YEARS**

**GRADES: 11 - 12 Both (by audition)** ***Prerequisite:*** *For girls: At least one year in Women's Chorale or Mixed Choir and/or audition and selection by choir director. For boys: At least one year in Mixed Choir and/or audition and selection by choral director.*

***Senior Honors Credit Prerequisite:*** *Director's approval via application/audition and participation in band/choir as a junior.*

Concert Choir is an upper-level choral group that provides students with the opportunity to improve their vocal skills and expand their knowledge of music through rehearsals, written assignments, and computer technology. Membership is determined by maturity of the student's tone, rehearsal discipline, musical competency, and balancing of voice parts. Special emphasis will be placed on harmonization and musical analysis. Varied 4, 5, and 6 part repertoire, advanced sight reading, and advanced ear training are integrated into the rehearsal experience. Music is selected from all styles and periods. Attendance at all 4 school concerts, Madrigal Dinner, state contests, and conference festivals is required.

**Honors Band/Choir Credit:** Seniors enrolled in this course may elect to take the class for honors credit. (Students must have also participated in band/choir their junior year). This option is intended for students who possess a high level of interest and strong work ethic in their respective ensembles and are looking for increased rigor. Interested students must complete the Honors Music application and audition process and receive approval from the band/choir director. Approved students will complete all normal requirements for the class as well as additional Honors work each quarter. Honors coursework includes participation in ILMEA auditions, solo performance with accompaniment at Solo & Ensemble Contest, solo performance in an end-of-year Honors Recital, and various writing and music theory assignments.

**MIXED CHOIR** **2 - 8 CREDITS** **GRADES: 9 - 12** **1 - 4 YEARS**

Mixed Choir is a full-year course that provides the initial choral experience for boys and initial or continued choral experience for sophomore through senior girls. This course provides for continued development of voice production and technique, as well as basic music literacy through rehearsals, written assignments and computer technology. Mixed and SAB repertoire, as well as ladies and men's repertoire, is the focus of this course with the choral music being selected from various styles and time periods. Sight reading and basic ear training are also integrated into the rehearsal experience. Attendance at all 4 school concerts, Madrigal Dinner, and state contests is required. This course provides opportunity for students to audition and be placed into Concert Choir or Women's Chorale the following year.

**TREBLE CHOIR** **2 CREDITS** **GRADE: 9** **1 YEAR**

Treble Choir is a full-year course that provides the initial choral experience for any high school girl. This course provides the opportunity to learn the fundamentals of voice production and technique and basic music literacy through rehearsals, written assignments, and computer technology. Varied 2 and 3 part repertoire, sight reading, and basic ear training are integrated into the rehearsal experience. Music is selected from all styles and periods. Attendance at all 4 school concerts, Madrigal Dinner, and state contests is required. This course provides the opportunity for students to be in Mixed Choir or Women's Chorale the following year.

**WOMEN'S CHORALE** **2 - 6 CREDITS** **GRADES: 10 or 11 - 12** **1 - 3 YEARS**
***Prerequisite:*** *One year of Treble Choir or Mixed Choir or one year of high school choral experience and audition and selection by choral director.*
***Senior Honors Credit Prerequisite:*** *Director's approval via application/audition and participation in band/choir as a junior.*

Women's Chorale is a full-year course that is offered to high school girls who have had at least one year of high school choral experience. This course provides more opportunity for more in-depth study of the fundamentals of voice production and technique, music literacy through rehearsals, written assignments, and computer technology. Varied 3 and 4 part repertoire, advanced sight reading, and advanced ear training are integrated into the rehearsal experience. Music is selected from all styles and periods. Attendance at all 4 school concerts, Madrigal Dinner, and state contests is required. This course provides the opportunity for students to audition and be placed in Concert Choir the following year.

**Honors Band/Choir Credit:** Seniors enrolled in this course may elect to take the class for honors credit. (Students must have also participated in band/choir their junior year). This option is intended for students who possess a high level of interest and strong work ethic in their respective ensembles and are looking for increased rigor. Interested students must complete the Honors Music application and audition process and receive approval from the band/choir director. Approved students will complete all normal requirements for the class as well as additional Honors work each quarter. Honors coursework includes participation in ILMEA auditions, solo performance with accompaniment at Solo & Ensemble Contest, solo performance in an end-of-year Honors Recital, and various writing and music theory assignments.

## GENERAL MUSIC

**ADVANCED GUITAR STUDIO** **1 CREDIT** **GRADES: 11 – 12** **1 SEMESTER**
***Prerequisite:*** *Audition for instructor upon completion of Guitar II or successful completion of guitar studio (repeatable)*

Advanced Guitar Studio is open to students who have successfully completed Guitar Studio and wish to advance their individual and ensemble skills. Students will have the opportunity to select, study, rehearse, and perform advanced guitar solo and ensemble literature, increase their music and guitar theory skills, and deepen their understanding of the role of guitar in various musical styles. Students will participate in a concert at the conclusion of the semester. This course may be repeated, as new repertoire will be learned each semester.

**AP MUSIC THEORY** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
***Prerequisite:*** *Two year member of music ensembles or previous music training and instructor approval.*

AP Music Theory is a course that provides the advanced music student with a thorough introduction to the fundamentals of music. Students who are aspiring in some career in the music field should seriously consider taking this course. Students will learn aspects of melody and harmony, rhythm, notation, scales and tonality, keys and chord structure. The course includes ear training, melodic and rhythmic dictation, and listening to a variety of styles of music. Music compositions and arranging integrated with music technology are also integral components of the class. The course prepares students to take the required AP Exam in Music Theory in May and students
who take college/university placement tests in music. There is a fee associated with the AP Exam. Students
must have successfully completed the first semester of this course in order to take it second semester.

**CREATING AND RECORDING MUSIC** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Music Technology & Keyboarding or Guitar I or AP Music Theory or instructor approval (if seeking instructor approval, talk to your counselor)*

Creating and Recording Music welcomes students however they approach music creation. Are you a singer/songwriter? Rapper? Electronic musician? Ukulele master? Rock band? In this class, students will continue to develop and expand their musical skills through student-driven, collaborative, project-based learning. Recording technology will be covered as it relates to both electronic and live-instrument recording. By the end of the semester, all students will create and record a polished musical product they can be proud of.

**GUITAR I** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

This course is designed to teach students the basics of playing guitar. Students will develop basic guitar skills, including music reading, scales, chords, tone productions, and rhythm, and apply these to rhythm guitar and guitar ensemble songs in a variety of pop, rock, and classical styles. After completion of Guitar I, students may advance to Guitar II (can be paired S1 and S2 to create a yearlong course sequence).

**GUITAR II** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Audition with Instructor or successful completion of Guitar I, ("C" average recommended).*

This course is designed for students who have completed Guitar I. Students will continue to develop guitar skills, including music reading, tablature, scales, chords, tone production, rhythm, and melody playing in a variety of positions. Students will continue to apply their skills to rhythm guitar, solo, and guitar ensemble songs in a variety of pop, rock, and classical styles.

**GUITAR STUDIO** **1 - 2 CREDITS** **GRADES: 10 or 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Guitar Two or by successful audition with instructor.*
***(repeatable)***

Guitar Studio is open to students who have successfully completed Guitar I and Guitar II**.** Students will select, study, rehearse, and perform intermediate to advanced guitar solo and ensemble literature with correct technique and expression. Students will have the opportunity to participate in a concert at the conclusion of the semester. After completion of Guitar Studio, students may advance to Advanced Guitar Studio (can be paired S1 and S2 to create a yearlong course sequence).

**MUSIC TECHNOLOGY & KEYBOARDING** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

Designed for students of all musical abilities and backgrounds, Music Technology & Keyboarding develops students' skills in both piano and music composition using a variety of real-world music technology applications. Students will gain experience with synthesizer keyboards, web-based music composition programs such as Soundtrap and Noteflight, and MIDI applications, ultimately combining these skills to create their own original music. This class also explores how the music technology hardware and software applications we use can be applied to students' lives outside of class, whether as a hobby or part of a variety of music-related and non-music-related careers. **This class fulfills one semester of the "technology-intensive" graduation requirement.**

## JOLIET JUNIOR COLLEGE MUSIC COURSES

**MUS 102 EXPLORATION OF AMERICAN MUSIC *DC*** **1 H. S. CREDIT** **GRADES: 11 or 12** **1 SEMESTER**
**3 COLLEGE CREDITS**

***Prerequisite:*** *Completed JJC application online through www.jjc.edu.*

A survey course dealing with important people and trends in the evolution and development of American musical culture from colonial times to the present. Per the Joliet Junior College Department of Fine Arts' policy, excessive absences (5 or more), whether excused or unexcused, from class may result in a reduction of the student's final grade. Space in this course is limited and will be contingent on timely completion of the Joliet Junior College registration process. *Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.*

# PHYSICAL EDUCATION, HEALTH, AND DRIVER'S EDUCATION
# COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mr. Matthew Smith

### INTRODUCTION

The mission of Minooka Community High School's Physical Education, Health, and Driver's Education Department is to educate minds, develop healthy bodies, and promote positive attitudes towards a lifetime of physical activity, fitness, and sports skills. With a quality physical education program in place, each student will be empowered with the knowledge and skills necessary to make responsible lifestyle choices that directly impact his/her health and wellness. Each physical education course includes a daily physical fitness component including cardiovascular activities; pre- and post-cardiovascular, strength, and flexibility assessments; and development of a personal fitness plan. Students are required to dress in a Minooka Physical Education uniform and use a school-issued Master Lock (blue face) combination lock.

### MEDICAL EXCUSES OR EXCUSED ABSENCES

Participation is an integral component of every physical education class. Consequently, if a student cannot participate in a physical education class or classes, they must have a note signed by a physician. A note from home, signed by a parent, is good for one day only. Students are expected to make up missed class time. Common activities for excused absences include article summaries, participating in another physical education class during the student's resource or attending after school weight room or fitness center training sessions.

### COURSE OFFERINGS

Advanced Strength Training
Athletic Fitness
Cardio Kickboxing
Dance I
Dance II
Driver's Education
Fall/Spring Individual Sports
Fall/Spring Physical Education
Fall/Spring Team Sports
Fitness Fusion
Health
Outdoor Education
Peer Leadership in Adapted Physical Ed
P.E. Leadership in Physical Education
Senior Leadership in Physical Education
Strength Training
Wellness Physical Education

## PHYSICAL EDUCATION, HEALTH, AND DRIVER'S EDUCATION
## COURSE SEQUENCE

**FRESHMAN**

Health *(required)*
Fall/Spring PE
Athletic Fitness
Dance I
Fitness Fusion
Strength Training
Driver Education - 2nd semester*

*In order for Freshmen to take Driver education second semester the following requirements must be met:

- Turn 15 years of age by 12/31
- Space available per sectioning
- Pass 7 courses in previous 2 semesters
- Must opt in to replace elective with driver education.

**SOPHOMORE**

Fall/Spring PE
Athletic Fitness
Strength Training
Advanced Strength Training
Dance I
Fitness Fusion
Driver Education- one semester

Strength Training/Athletic Fitness

↓

Advanced Strength Training

**JUNIOR**

Athletic Fitness
Cardio Kickboxing
Dance I
Dance II
Individual Sports-Fall
Team Sports
Fitness Fusion
PE Leadership
Peer Leadership in Adapted Physical Education
Officiating
Outdoor Education-Spring
Individual Sports-Spring
Team Sports
Strength Training
Advanced Strength Training
Wellness Physical Education

In order to take Advanced Strength Training, a student must have had a semester of a weight room based class: Strength Training/Athletic Fitness.

Athletic Fitness students can continue to take Athletic Fitness each semester. Non-IHSA athletes can move from Athletic Fitness to Advanced S.T.

**SENIOR**

*Same Choices as Junior year*
including
Senior Leadership in Physical Education

**ADVANCED STRENGTH TRAINING** **1 CREDIT** **GRADES 10-12** **1 SEMESTER**
***Prerequisite: Strength Training or Athletic Fitness***

Advanced strength training focuses on building upon previous knowledge of the core lifts of strength training. Additionally, this course will apply basic training principles and programming techniques to help students personalize their own training plans to meet their strength training goals.

**ATHLETIC FITNESS** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:*** *Participation in an IHSA sponsored sport.* *(repeatable)*

The central focus of this course will be the development of proper safety, technique, and the application of current principles of free weight training. Specific lifts that will be focused on include: bench press, squats, and hang cleans. Enrollment is limited to MCHS student athletes with some sections including only males and some sections including only females in the class.

**CARDIO KICKBOXING** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite: None***

This is an advanced aerobic class that utilizes kickboxing strategies to raise student heart rate. Exercises designed to improve core and muscular strength are also part of the daily curriculum. The goal of this course is to encourage and prepare students to develop and implement personal lifetime fitness goals.

**DANCE I** **1 CREDIT** **GRADES: 9- 12** **1 SEMESTER**
***Prerequisite: None***

The content of this class is designed for students to explore basic dance skills, terminology, and principles of choreography. The course places emphasis on movement technique in Ballet, Jazz, Modern, Lyrical, and Hip Hop dance styles. Students will enhance their flexibility, muscular endurance, muscular strength, and movement coordination through the practice of pilates, yoga, cardio floor patterns, and body balancing techniques. Social and team building skills are also incorporated throughout the dance curriculum.

**DANCE II** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Successful completion of Dance I.*

This course builds on the fundamental dance skills, terminology, and choreography principles provided in Dance I. Emphasis is placed on engaging the student in the development of more technical skills of dance, choreography, and cultural appreciation. Students learn the skills needed to prepare for a mini dance performance.

**DRIVER'S EDUCATION** **1 CREDIT** **GRADE: 10** **1 SEMESTER**
***Prerequisite:*** *Students will not be allowed to enroll in the course until they have passed at least 8 courses in the two semesters prior to enrollment.*

This course consists of two phases: 30 hours of classroom instruction and 6 hours of behind-the-wheel. The successful completion of both phases qualifies the student to take the driver's test if 16 years of age. Students will be scheduled into the class based on age, with the oldest students being placed first. It is recommended to register for a resource class to meet the behind-the-wheel component. The current fee for Driver's Education is $175.00. Students electing to take Driver's Education with a state-certified commercial driving school must still complete 7 credits of Physical Education. Students must pass 8 courses in their previous two semesters and be at least 15 years of age to be eligible for the Driver's Education course.

*Freshmen who wish to take Driver's Education during their second semester of Freshmen year will be eligible based on birthdate. A freshman that turns age fifteen before December 31st of the current school year may be eligible for the class based on enrollment numbers and available classroom space. Students will be selected based on birthdate and meeting all eligibility requirements to be able to enroll in the course. Parents and students must opt-in for potential placement during registration for freshmen students to be eligible.*

**FALL PHYSICAL EDUCATION** **1 CREDIT** **GRADES: 9 - 10** **1 SEMESTER**
***Prerequisite: None***

Fall Physical Education will focus on developing students' skills, teamwork, communication, and sportsmanship through participation in a variety of team sports. Students will engage in activities that promote collaboration, strategy, and active participation. The course will also incorporate the use of the Wellness Room for cardio days, allowing students to improve cardiovascular endurance, build fitness, and develop healthy exercise habits.Fall Physical Education will emphasize team sports, while Spring Physical Education will focus on individual sports and personal skill development. Offering different areas of emphasis each semester will provide students with varied physical education experiences and opportunities to develop a broader range of skills, whether they take PE for one semester or both semesters.

**FALL AND SPRING INDIVIDUAL SPORTS** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Recommendation:*** *Students enroll only once in each course during their high school career.*

These courses will introduce/reintroduce students to lifelong activities. These activities are designed to develop hand/eye coordination, skill development, and lifetime fitness.

Instructional units include:

**Fall Individual Sports:** Frisbee Golf, Golf, Cornhole, Bocce Ball, Ladder Ball, Badminton, Bowling
**Spring Individual Sports:** Bowling, Pickleball, Cornhold, Bocce Ball, Ladder Ball, Archery, Tennis

**FALL AND SPRING COMPETITIVE TEAM SPORTS** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:*** *Students enroll only once in each course during their high school career.*

This course is designed to offer students a chance to compete in team and organized sports. Each course will introduce students to new and old, competitive activities used to develop skills, teamwork, and cardio-related fitness.
*Instructional units include:*

**Fall Team Sports:** Soccer, Sand Volleyball, Ultimate Frisbee, Basketball, Lacrosse
**Spring Team Sports:** Indoor Volleyball, Floor Hockey, Indoor Soccer, Softball, Flag Football

**FITNESS FUSION** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite: None***

The purpose of this course is to tone, sculpt and strengthen the body, utilizing basic training strategies and body weight exercises, with heart pumping circuit style workouts and interval training. The course is designed to provide cardio, muscle conditioning, and balance/ flexibility movements to give you a total body workout. These workouts may include the use of hand weights, weighted bars, bosu balls, medicine balls, kettlebells, steps, and other fitness equipment. The class will focus on step aerobics, circuit training, interval training, basic strengthening exercises, power walking, yoga, etc. Topics of discussion will include body composition, basic fitness terminology, nutrition, and diet. The focus of this class is FITNESS. The aim is to help each student meet their personal fitness goals; therefore, feedback from each student is essential. In order to facilitate feedback, each student will be required to keep a personal fitness/nutrition journal.

**FRESHMAN ATHLETIC FITNESS** **1 CREDIT** **GRADE: 9** **1 SEMESTER**
***Prerequisite:*** *Participation in an IHSA sponsored sport.*

This is the freshman version of Athletic Fitness. The focus of this course is the development of safe and proper free weight training techniques, along with the application of current principles in weight training, speed development, and flexibility. Specific lifts include bench press, squat and hang clean. This course is designed as an in-season weight training session for MCHS athletes.

**HEALTH EDUCATION** **1 CREDIT** **GRADE: 9** **1 SEMESTER**
***Prerequisite: None***

This course is required to meet the state graduation requirements. Current, accurate, and scientific knowledge related to health issues and problems will be presented. Course content will include the following areas: choices and responsibility for physical, mental, and social health; nutrition; diseases; alcohol, tobacco, and other drugs; and other related subjects.

**OFFICIATING** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite: None***

This course is designed for students interested in officiating high school sports. Students will be introduced to the rules and techniques of officiating team sports including all IHSA sports. All sports that our students show interest in will be covered. Students will also learn important characteristics of becoming an official. In addition to learning the rules and mechanics of officiating, students will have the opportunity to demonstrate these learned skills. Students enrolled in this course will be required to officiate a variety of team sports within other physical education classes offered at Minooka Community High School. Students will learn from IHSA officials and also be given contact information to assist them in finding officiating jobs within the area. Limited one time enrollment.

**OUTDOOR EDUCATION** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite: None***

Students will increase their knowledge and physical skill in a variety of outdoor activities that may be continued throughout life while maintaining and improving an individual's overall health. These activities include rock climbing, hiking, rollerblading, roller hockey, kayaking, canoeing, survival skills, fishing, and camp cooking. Students are expected to participate fully in each of the activities. Limited two time enrollment.

**PE LEADERSHIP IN PHYSICAL EDUCATION** **1 CREDIT** **GRADE: 11-12** **1 SEMESTER**
**Prerequisite:** Students must have an "A" in their previous physical education course. In addition, teacher recommendation and department chair approval is required.

The purpose of the course is to expose students to a variety of leadership strategies and career opportunities in the fields of physical education, health and fitness, along with related professions. Students will be exposed to officiating, fitness assessment, exercise cueing, data collection, and equipment. Students will be expected to complete district expectations in fitness assessments and fitness plan development. After successful completion of the course, students will interview to become student leaders in the Physical Education Department and to enroll in Senior Leadership in Physical Education.

**PEER LEADERSHIP IN ADAPTED PHYSICAL EDUCATION** **1 CREDIT** **GRADE: 11 - 12** **1 SEMESTER**
**Prerequisite:** Teacher recommendation and department chair approval.

Students will demonstrate leadership to assist their peers with special needs through participation in team building and physical education activities. Students will have the opportunity to assist in demonstrations, lead group activities, participate and teach one-on-one or in small group activities.

**SENIOR LEADERSHIP IN PHYSICAL EDUCATION** **1 CREDIT** **GRADE: 12** **1 SEMESTER**
**Prerequisite:** Successful completion of PE Leadership in Physical Education class. In addition, teacher recommendation and department chair approval is required.

The purpose of the course is to provide MCHS seniors an opportunity to demonstrate and practice leadership skills learned in Junior Leadership in Physical Education class. Senior leaders will be assigned a teacher and course, in which to be active mentors for freshmen and sophomores. Senior leaders will be active mentors for freshman and sophomore students. Seniors will lead and model fitness testing; daily, dynamic warm-ups; and daily, cardio activities. In addition, senior leaders will demonstrate skill development, mentor students, and officiate competitive activities. The completion of a mentoring project and other reflection activities are additional requirements of the course

**SPRING PHYSICAL EDUCATION** **1 CREDIT** **GRADES: 9 - 10** **1 SEMESTER**
***Prerequisite:None***

Spring Physical Education will focus on developing students' individual sport skills, personal fitness, and self-improvement through participation in a variety of individual sports and activities. Students will work to improve their skills, build confidence, set personal goals, and take responsibility for their own progress. The course will also incorporate the use of the Wellness Room for cardio days, allowing students to improve cardiovascular endurance, build fitness, and develop healthy exercise habits.Fall Physical Education will emphasize team sports, while Spring Physical Education will focus on individual sports and personal skill development. Offering different areas of emphasis each semester will provide students with varied physical education experiences and opportunities to develop a broader range of skills, whether they take PE for one semester or both semesters.

**STRENGTH TRAINING** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:None***

The central focus of this course will be on the development of proper safety, technique, and application of current principles of strength training. The students will engage in activities in which they will learn the function, location, and proper means to develop muscle groups in order to improve their overall fitness level. Sophomores will be allowed to enroll in this course on a space-available basis.

**WELLNESS PHYSICAL EDUCATION** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite:None***

Class meets daily in the Fitness Center at Central campus. Students wear sensors that track, record and display daily heart rates during exercise. The course makes use of weight and cardio machines similar to those found in local gyms or fitness facilities. The course also reviews in detail 4 of the 5 components of fitness while working to maintain/improve overall fitness. The training strategies used will provide students with the experiences they need to create their own personalized fitness programs, long after leaving MCHS.

# SCIENCE COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair – Mr. Chris Erickson

### INTRODUCTION

The Minooka Community High School Science Department is committed to a laboratory approach for all classes. Laboratory experiences involve an inquiry approach that encourages logical thought processes during the use of the scientific method and a hands-on approach that strengthens student understanding. Strong emphasis is placed on the use of technology for data collection and manipulation.

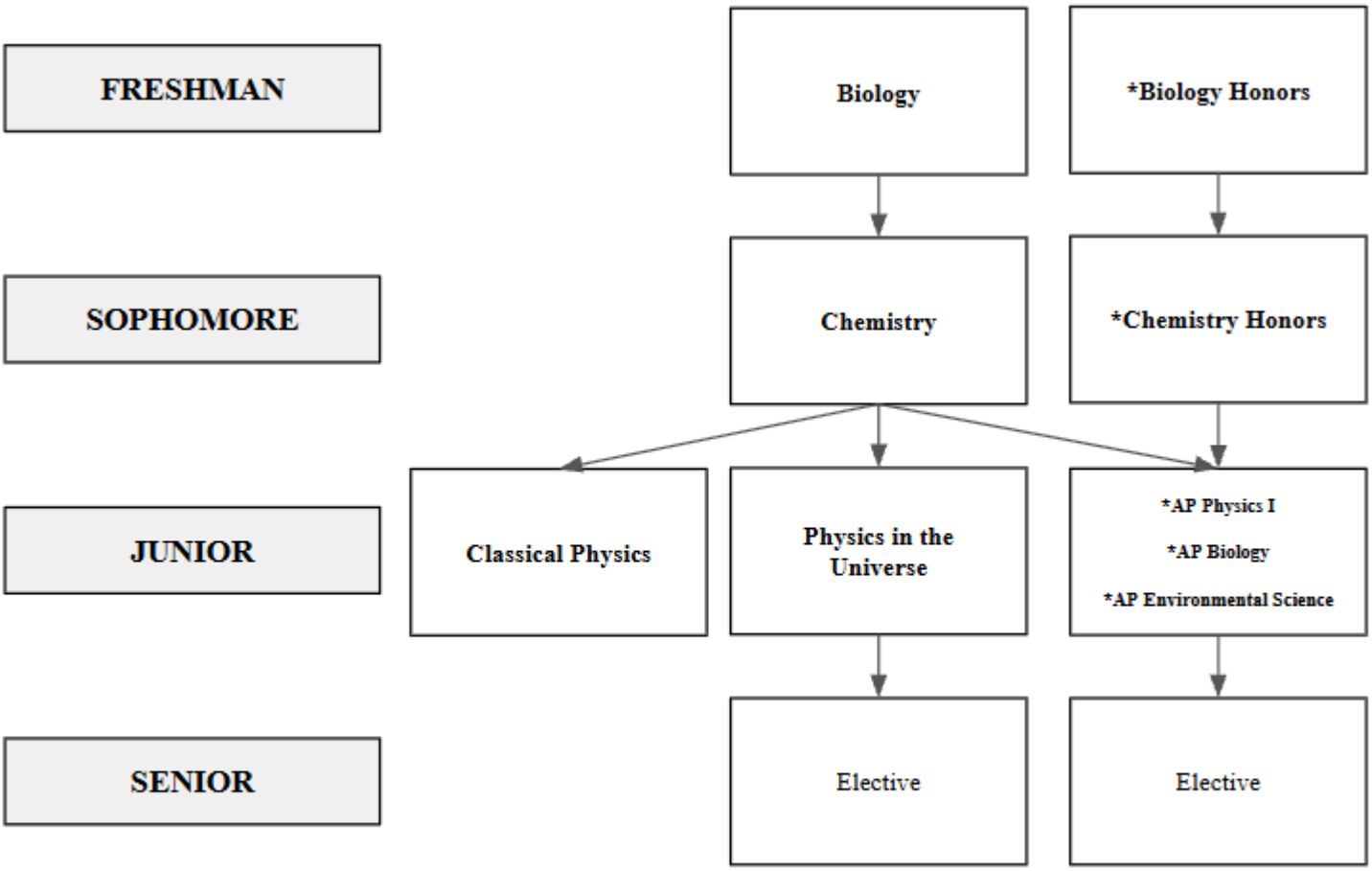
Scientific process skills are emphasized so that application and transfer of knowledge can be accomplished when our students encounter new information in the future. The development of scientific reasoning helps to make the student a better citizen, enabling him/her to make intelligent, mature decisions in our highly technological global society.

Students will follow a sequence that melds biological and physical sciences including the following disciplinary core ideas: chemistry, biology, physics, and earth/space science. Honors students experience a similar array of courses. In addition, all seniors have access to a variety of courses that are suited to specific interests and medical/scientific career aspirations.

### COURSE OFFERINGS

***AP Biology**
***AP Chemistry**
***AP Environmental Science**
***AP Physics I**
***AP Physics C**
**Anatomy and Physiology**
***Anatomy and Physiology Honors**
**Biology**
***Biology Honors**
**Chemistry**
***Chemistry Honors**
**Classical Physics**
**Dynamic Earth Systems**
**Environmental Science**
**Forensic Science**
**Physics in the Universe**
**Science Academy**

## SUGGESTED SCIENCE COURSE SEQUENCE




* = weighted class
Bold = meets NCAA eligibility requirements

**AP BIOLOGY** ***weighted course*** **2 CREDITS** **GRADE: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course.*

AP Biology is designed to meet the objectives of a **first-year college general biology course. College level materials are used and the curriculum is established by the National College Board.** The core topics covered in AP Biology include the following: evolution, cellular processes--energy and communication, genetics, information transfer, ecology, and interactions. Per teacher discretion, preparatory work for this course may be assigned to students to complete during the summer. Laboratory work is an integral and required part of the course and is highly analytical in nature. AP Biology prepares the student to write, in May, a college level Examination of the National Advanced Placement Program (AP Biology). Success on this exam may entitle the student to college credit, advanced college placement, or both. There is a fee associated with the AP Exam.

**AP CHEMISTRY** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course*

The purpose of the AP Chemistry course is to develop advanced inquiry and reasoning skills. 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 content such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. The student will be required to complete the Advanced Placement Examination in May. There is a fee associated with the AP Exam. Successful completion of an individual summer project is a requirement of the course.

**AP ENVIRONMENTAL SCIENCE** ***weighted course*** **2 CREDITS** **GRADE: 10 or 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Two years of high school laboratory science including life science and physical science, along with successful completion of Algebra I*

Explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. You'll take part in laboratory investigations and fieldwork. The following skills will be learned: explaining environmental concepts and processes, analyzing data, visual representations, and writings, applying quantitative methods in solving problems, proposing a solution for an environmental problem and supporting your idea with evidence, and analyzing a research study to identify a hypothesis. As part of their field study, students will conduct plant and pollinator surveys within the pollinator habitat and analyze data in comparison to previous years. The student will be required to complete the Advanced Placement Examination in May. There is a fee associated with the AP Exam. The college course equivalency is a one-semester, introductory college course in environmental science. Meets NCAA eligibility requirements.

**AP PHYSICS I** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course.*

AP Physics I: Algebra-Based is the equivalent of a first-semester college course in algebra-based physics. The course covers the curriculum prescribed by the College Board that includes Kinematics, Dynamics, Energy, and Simple Harmonic Motion along with a few other topics.This course will have an emphasis on mathematical relationships, an in-depth laboratory study/design component, a rigorous conceptual development, and can possibly earn college credit for the student. The student will be required to complete the Advanced Placement Examination in May. There is a fee associated with the AP Exam. Successful completion of an individual summer project is a requirement of the course.

**AP PHYSICS C** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *AP Physics 1, Calculus AB/BC (or concurrent?)*

AP Physics C is a calculus-based, college-level course designed for students who plan to pursue degrees in a science or engineering discipline. Topics in the Mechanics portion include Kinematics, Forces, Energy, Momentum, Torque, and Oscillations. Topics in the Electricity & Magnetism portion will include Electric Charges & Potential, Circuits including Capacitors, Magnetic Fields, and Electromagnetic Induction. The student will be required to complete the Advanced Placement Examination in May. There is a fee associated with the AP Exam.

**ANATOMY AND PHYSIOLOGY** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of three years of science*

This full-year laboratory class is designed for students who are interested in human anatomy and/or intend to pursue a medical certification in a junior college or similar program. The structure and function of tissues and specific organ systems will be studied along with an emphasis on medical terminology. Lab activities will include dissection.

**ANATOMY AND PHYSIOLOGY HONORS** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course*

This full-year honors laboratory class is designed for high-achieving students who intend to pursue a medical career in college. The structure and function of tissues and specific organ systems will be studied in detail. The class will include word-building skills with which to master the extensive vocabulary required. Lab activities will include dissection.

**BIOLOGY** **2 CREDITS** **GRADE: 9** **1 YEAR**
**Meets NCAA eligibility requirements**

Biology is designed to be taken during Freshman year. It is a laboratory course that concentrates on the use of scientific reasoning. The basic life functions will be studied, such as nutrition, respiration, cellular transport, biosynthesis, and reproduction. Genetic principles and the processes by which organisms change over time will be included.

**BIOLOGY HONORS** ***weighted course*** **2 CREDITS** **GRADE: 9** **1 YEAR**
**Meets NCAA eligibility requirements**

This is a full-year laboratory class for high-achieving students that concentrates on the use of scientific reasoning as it applies to biological topics. Ecology, and the basic life functions of nutrition, energy requirements, transport, biosynthesis, and reproduction will be studied. Classical genetics, molecular genetics, and the processes by which organisms change over time will be included. Completion of a summer project is a requirement of this class.

**CHEMISTRY** **2 CREDITS** **GRADE: 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous science course*
***Co-requisite:*** *Concurrent enrollment in Algebra I or higher math course*

Students explore the fundamental principles of chemistry and its relevance to the world in which they live. Both traditional and computer-based laboratories are utilized to develop scientific and engineering skills. This course is designed to prepare students for advanced courses in science. This course emphasizes the composition and structure of matter as it relates to Earth systems, chemical reactions and types of interactions, nuclear processes, equilibrium, and thermodynamics.

**CHEMISTRY HONORS *weighted course*** **2 CREDITS** **GRADE: 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of previous science course.*
***Co-requisite:*** *Concurrent enrollment in Algebra I or higher math course*

This course is designed as an accelerated and in-depth study of the content area of chemistry and its related fields. Students explore the fundamental principles of chemistry and its relevance to the world in which they live. Both traditional and computer-based laboratories are utilized to develop scientific and engineering skills. This course is designed to prepare students for advanced placement courses in science. This course emphasizes the study of composition and structure of matter as it relates to Earth systems, chemical reactions and types of interactions, nuclear processes, equilibrium, and thermodynamics. Completion of a summer project may be a requirement of this class.

**CLASSICAL PHYSICS** **2 CREDITS** **GRADE: 11** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course*
***Co-requisite:*** *Concurrent enrollment in Algebra II*

This is a one-year laboratory course designed for students with a strong foundation in mathematics. The physics curriculum includes the transfer of energy through various mediums, Newtonian mechanics, thermodynamics, momentum, and charge. Students will be asked to think critically of the physical world and offer explanations by solving quantitative word problems.

**DYNAMIC EARTH SYSTEMS** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of previous science course*

This course is a full-year laboratory course, focusing on interactions between geological, oceanographic and meteorological systems. Emphasis is on Earth crust formation (minerals, rocks, plate tectonics, volcanoes) and on erosion (earthquakes, weathering with meteorological/oceanographic influences).

**ENVIRONMENTAL SCIENCE** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course.*

A major component of this class is fieldwork including significant classroom time spent outdoors in a natural setting during both Fall and late Spring. This time will include stewardship activities such as maintaining and creating native prairie habitats. Major areas of study include resource utilization, land-use issues, resource management, alternative energy sources, human interactions with the environment, and water and soil testing. Fieldwork experience will be a major component of this class.

**FORENSIC SCIENCE** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course.*

Forensic Science is an elective course designed for seniors. This class will study the science of solving crimes, focusing on investigative techniques and critical thinking skills. This course will include content in Biology, Chemistry, Physics, and Math. Graphic representations of crime scenes are an essential aspect of the curriculum.

**PHYSICS IN THE UNIVERSE** **2 CREDITS** **GRADE: 11** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of previous science course.*

This is a one-year laboratory course designed for students with a limited foundation in algebra. This physics curriculum focuses primarily on the study of motion through various fundamental concepts such as kinematics, Newton's laws, energy, and momentum. Various aspects of astronomy and space may be included. This course will also include a review of foundational mathematical concepts necessary to study physics. Throughout this course, students will be expected to both conceptually analyze various real-world situations and perform simple calculations using physics equations to predict and explain motion.

**SCIENCE ACADEMY** **.5 CREDIT*** **GRADES: 9 - 12** **1 SEMESTER**

Science Academy is a science intervention designed to provide science support. Students will attend Science Academy during their resource periods. Using data collected from current teachers, targeted skills will be taught and assessed. When students have mastered these skills, they will transition back to their regular resource period. In the meantime, the students will be able to take their next science class.* Students who successfully pass the standard(s) they previously failed will earn semester credit in science.

## JOLIET JUNIOR COLLEGE SCIENCE COURSE

**BIO 146 ENVIRONMENTAL BIOLOGY** **1 H. S. CREDIT** **GRADES: 12** **1 SEMESTER**
**3 COLLEGE CREDITS**

***Prerequisite:*** Placement into ENG 101 (Accuplacer Reading Score of 246-300 and Writing score of 5-8) and placement into MATH 094 or higher (ALEKS score of 14-26)

Course emphasizing scientific inquiry through a breadth of selected concepts focusing on environmental issues. Concepts include ecology, biodiversity, evolution, physiology and health, and human populations. The concept of Sustainability will be an underlying theme of the Ecological Conservation course. Biological issues with personal and social implications will be clearly integrated throughout the course emphasizing current environmental issues and possible solutions or courses of action. Development of scientific literacy will be a foundation of the course to enable students to make informed decisions. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC.*** Disclaimer - Dual Credit is subject to change based upon revisions made by Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.

# SOCIAL STUDIES COURSE SEQUENCE AND DESCRIPTIONS
## Department Chair - Mr. Chris Pendergast

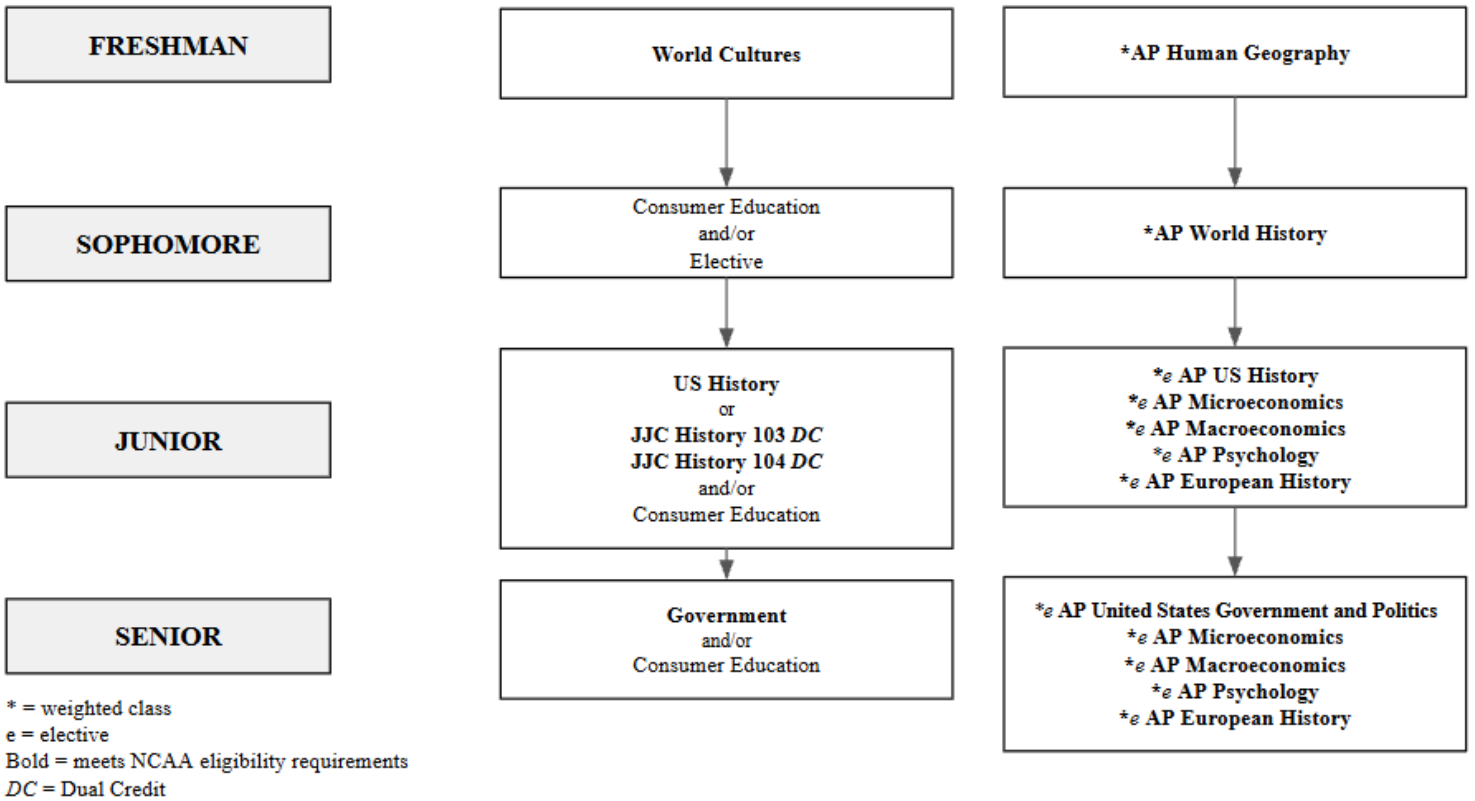
### INTRODUCTION

The Minooka Community High School Social Studies Department recognizes its function to be transmitting knowledge of past events and encouraging students to draw parallels between those events and their own lives to prepare them to live in our complex world. The department is also committed to instructing students about the interrelationships in our global society so that students will be prepared to meet the challenges that the shrinking planet will present in their lifetimes. In addition, the department recognizes the importance of teaching students to be knowledgeable consumers and educating them to take their places as responsibly active citizens within our political system. Finally, the department recognizes its responsibility to instill in students an appreciation and respect for diverse cultures and basic knowledge of the dynamics of our economy and those of other countries in the world. In meeting these goals, the department will be preparing citizens of the highest quality to take their places in our increasingly complicated global community. The department is committed to challenging students to perform to the best of their ability and will stress written and oral communication, critical thinking skills, research, reading, and technology in all courses.

### COURSE OFFERINGS

**AP European History**
**AP Human Geography**
**AP Micro and Macro Economics**
**AP United States Govt. & Politics**
**AP U.S. History**
**AP World History**
**Chicago History**
**Consumer Education**
**Facing History and Ourselves**
**Government**
**AP Psychology**
**AP United States Government & Politics**
**Illinois History**
**Indigenous People's History of the United States**
**JJC History 103**
**JJC History 104**
**JJC History 105**
**JJC History 106**
**Politics & War of the 21st Century**
**Pop Culture in Film**
**Psychology I**
**Psychology II**
**Sociology**
**Introduction to Criminal Law**
**Introduction to Civil & Constitution Law**
**US History**
**World Cultures**
**Ancient/Modern World History**

### SOCIAL STUDIES COURSE SEQUENCE




* = weighted class
e = elective
Bold = meets NCAA eligibility requirements
*DC* = Dual Credit

**AP EUROPEAN HISTORY** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

This course is designed to examine the basic chronology and major events and trends from 1450 to the present. The goals of this class are to develop an understanding of the principal themes in modern European history, an ability to analyze historical evidence, and to express historical understanding in writing. The major themes of the course are intellectual and cultural history, political and diplomatic history, and social and economic history. The integrated nature of the course will parallel current developments in history/literature curriculum at the undergraduate level. This course will prepare students to demonstrate their qualifications to pursue upper-level history studies at college by scoring at a qualifying level on the AP European History exam. The student will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class. This course fulfills one year of the State of Illinois' "writing intensive" requirement.

**AP HUMAN GEOGRAPHY** ***weighted course*** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

The AP Human Geography course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The student will be required to take the Advanced Placement Examination in May. There is a fee associated with the AP Exam.

**AP MACROECONOMICS** ***weighted course*** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

AP Macroeconomics is a college level course that focuses on the entire economic system. Students in Macroeconomics will explore principles and models to describe economic situations and then predict and explain outcomes with charts, graphs, and data. There is a fee associated with the AP Exam.

**AP MICROECONOMICS** ***weighted course*** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

AP Microeconomics is a college level course that focuses on economics impact on individuals and businesses.Microeconomics gives students a thorough understanding of the principles of economics that apply to the functions of decision-makers. It emphasizes the nature and functions of markets. It also covers the role of government in promoting efficiency and equity within the economy There is a fee associated with the AP Exam.

**AP PSYCHOLOGY** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

The AP Psychology course is designed to introduce students to the systemic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major sub-fields within psychology. They also learn about the ethics and methods psychologists use in their science and their practice. Students will be required to take the AP Psychology exam in May and the second semester final exam will be optional for those students who take the AP exam. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class.

**AP UNITED STATES GOVERNMENT AND POLITICS** ***weighted course*** **1 CREDIT** **GRADE: 12** **2nd SEMESTE**R
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

This course, which will be offered second semester only, is designed to prepare students thoroughly for the AP United States Government and Politics Exam which is given in May each year. AP United States and Politics is a college-level course designed to give students an analytical perspective on government and politics in the United States. Students will use knowledge and concepts gained in Honors Government to interpret U.S. politics and analyze specific examples of governmental procedures and political processes and behaviors. They will also analyze and interpret basic data relevant to U.S. government and politics. Students are required to take the AP United States Government and Politics exam. There is a fee associated with the AP Exam. ***This course fulfills one semester of the State of Illinois' "writing intensive" requirement.***

**AP U.S. HISTORY** ***weighted course*** **2 CREDITS** **GRADE: 11** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

Students enrolling in this course can expect to experience a vastly accelerated and thoroughly in-depth approach to the study of the scope of American history from exploration to current world affairs. Students will be challenged to function at the highest skill levels of overall work completed for the class. Work will include reading and analysis of significant works of fiction and nonfiction; synthesis of acquired knowledge into new products; very challenging reading and analysis of a college-level text, as well as primary and secondary source supplements; participation in discussions of historical themes as they relate to the readings; and preparation and completion of class projects and a research paper. Students who enroll in this course will be completing coursework similar to that which will be required of them in college courses and, therefore, students will earn a weighted grade for this course. In view of the weighted grade, students will be required to complete work before the school year begins or participate in additional class sessions in order to be fully prepared for the AP Examination. Students will be required to take the Advanced Placement Examination in May and the second semester final exam will be optional for those students who take the AP exam. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class. ***This course fulfills one year of the State of Illinois' "writing intensive" requirement.***

**AP WORLD HISTORY** ***weighted course*** **2 CREDITS** **GRADE: 10 or 11 - 12** **1 YEAR**
***Meets NCAA eligibility requirements***
***Prerequisite:*** *Successful completion (C or better) of previous social studies course and current social studies teacher recommendation.*

The AP World History course offers motivated students the opportunity to immerse themselves in the processes that, over time, have resulted in the knitting of the world into a tightly integrated whole. AP World History offers an approach that lets students "do history" by guiding them through the steps a historian would take in analyzing historical events and evidence worldwide. The course offers balanced global coverage with Africa, the Americans, Asia, and Europe and Oceania each represented. The student will be required to take the AP World History exam in May. There is a fee associated with the AP Exam. Students will be required to complete a summer assignment prior to the start of the class.

This course will have as its chronological frame the period from approximately 8000 B.C.E. to the present with the period 8000 B.C.E. to 1450 providing a foundation for this course's coverage of 1200 to the present. The course highlights the following five themes: 1. Interactions between humans and the environment: demography and disease, migration, patterns of settlement, and technology 2. Development and interaction of cultures: religions, belief systems, philosophies and ideologies, science and technology, and the arts and architecture. 3. State-building, expansion, and conflict: political structures and forms of governance, empires, nations and nationalism, revolts and revolution, regional, trans-regional, and global structures and organizations 4. Creation, expansion and interaction of economic systems: agricultural and pastoral production, trade and commerce, labor system, industrialization, capitalism and socialism 5. Development and transformation of social structures: gender roles and relations, family and kinship, racial and ethnic constructions, social and economic classes. **This course fulfills one year of the State of Illinois' "writing intensive" requirement.**

**CHICAGO HISTORY** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite: None***

This course will examine all aspects of Chicago history, including a thorough analysis of the social, political, economic, and institutional development of the city. The issues of suburb vs. city, country vs. town, past vs. present, and no growth vs. growth will be looked upon as the axis on which the dialogue of Chicago history takes place. Students should possess superior reading comprehension and writing skills. Work in this course will include reading and analyzing documents and significant works of fiction and nonfiction, weekly expository and analytical writing, responsibility for preparing and conducting class discussions on historical themes as they relate to readings, comprehension of general historical knowledge, and the preparation and completion of numerous class projects which incorporate various technologies, including the Internet. This course also includes several field-trip experiences to local destinations as well as Oak Park and Chicago.

**CONSUMER EDUCATION** **1 CREDIT** **GRADES:10 or 11 - 12** **1 SEMESTER**
***Prerequisite**: None*

The consumer education course is designed to meet the state mandate in consumer proficiency. This course emphasizes the systematic decision-making process, consumers' rights and responsibilities, the market economy, career choices, supply-demand forces affecting prices, the role of government affecting decisions, saving, credit, and shopping for food, clothing, financial services, transportation, housing, and investments. This course is not open to students who have completed two or more social studies honors courses. These students are to enroll in the weighted Economics course.

**FACING HISTORY AND OURSELVES** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite**: None*

This semester course will explore the reasons why prejudice exists in our society and will challenge students to examine their own values as they relate to the values held by people who were responsible for massive acts of prejudice in the past, such as the Holocaust. The core curriculum will focus on the reasons why the Holocaust occurred, and students will relate those facts to other examples of such prejudice in the years since the Holocaust. A wide range of historical, literary, sociological, and psychological curriculum material will assist students in identifying the nature of prejudice and developing reasonable alternatives.

**GOVERNMENT** **1 CREDIT** **GRADE: 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite**: None*

This course is designed to meet the state requirement of adequate comprehension of the U.S. and Illinois Constitutions and protocol concerning respect for and display of the U.S. flag. Beyond this, the desire of the department is to help students understand how the constitution and all levels of government impact their lives and encourage them to fully participate in the democratic process which includes discussion of current and controversial issues and service learning. The government course itself is a one-semester required course that covers the structure and function of national, state, and local government.

**ILLINOIS HISTORY** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite**: None*

This course will examine all aspects of Illinois history including a thorough analysis of the social, political, economic, and institutional development of the state. The course will also focus on the urban experience in Illinois. Students should possess superior reading comprehension and writing skills. Work in this course will include reading and analyzing documents and significant works of fiction and nonfiction, weekly expository and analytical writing, responsibility for preparing and conducting class discussions on historical themes as they relate to readings, comprehension of general historical knowledge, and the preparation and completion of numerous class projects which incorporate various technologies, including the Internet. This course also includes several field trip experiences to local destinations including Joliet, Channahon, Minooka, Princeton and LaSalle.

**INDIGENOUS PEOPLE'S HISTORY OF THE UNITED STATES** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite**: None*

The course is designed to provide students with diverse narratives from the first peoples who inhabited North America. Through various primary sources, online databases, and academic resources, students will be immersed in the culture and histories of these people spoken in their own voices. Students will have the opportunity to explore the various tribes and nations who made up this land and continue to hold rich traditions and a prominent place in American society. Major historical developments including first contact with Europeans, resettlement, and assimilation into American culture will be explored through the lens of such groups as the Iroquois, Cherokee, Lakota, and locally, the Potawatomi.

**POLITICS AND WAR OF THE 21ST CENTURY** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
**Meets NCAA eligibility requirements**
***Prerequisite**: None*

This course will focus on current events and issues in which the United States is involved. The course would enhance students' media savvy and critical thinking by having them research beyond current headlines to understand cause-and-effect relationships in our world. Emphasis will be placed on debating thoroughly researched topics in a professional manner in order to provide a model of civil discourse. Debates will take several forms: one-on-one, group vs group, and class-wide debates. Each debate will involve a written component that asks students to articulate their arguments. A quarter project involving the creation of a political issue ad will be created using iMovie, or other current software.

**POP-CULTURE IN FILM** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite**: None*

This class will examine how motion picture film is a telling historical document. As a topic of the U.S. Pop-culture in Hollywood Films, it will follow the methodology of the historian to explore the internal and external evolution of film in the United States from its primitive origins at the turn of the century to its development as a powerful social force by the 1970s. The internal history of film involves its technology, studios, directors, performers, and most importantly, its narrative structure. The external history of film involves its relationship with the culture that surrounds it, shapes it, and responds to it. Such a historical inquiry of a mass medium like film will reveal many subtle and often unexpected meanings. By the end of the course, students will be able to examine movies that are based upon the pop culture that exists in the American 20th century. Students will also be able to determine through the films and classroom analysis what is factual and what is fiction by utilizing higher order critical thinking skills. Students in the class will be expected to keep a film journal for each film and produce written critiques that examine the role of popular culture in the film.

**PSYCHOLOGY I** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite**: None*

Psychology I is the scientific study of human and animal behaviors and mental processes. This class will analyze and apply the six modern approaches to psychology (biological, psychoanalytic, behavioral, cognitive, humanistic and cross-cultural). The class will also emphasize major learning theories, formation of personality, and psychological disorders. Current events will be presented to highlight the current and ongoing research in psychology.

**PSYCHOLOGY II** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite:** Successful completion of Psychology I*

Psychology II is a continuation of Psychology I. Completion of both courses will expose students to the majority of information in an introductory college psychology class. Current events will continue to be utilized to present the current findings of psychologists. The content of the class will cover additional disorders, therapeutic methodologies and approaches, social psychology, sensation, perception, consciousness and human development.

**SOCIOLOGY** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite**: None*

Sociology is the study of humans and their behavior within groups. In this course, students will be scientifically examining the similarities and differences in culture, changes in society, group organization, and interaction. A special focus is placed on the influence of social class as it relates to the individual in terms of attitudes, beliefs, and behaviors. The course concludes with the study of deviance and the opportunity to apply the lessons of the semester at a local level with a field trip to the Will County Courthouse, Will County Adult Correctional Center, and the Will County Juvenile Detention Center.

**INTRODUCTION TO CRIMINAL LAW** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements
***Prerequisite**: None*

In this course, students will explore the foundations of the American criminal justice system, including the history of law enforcement, the structure and function of the courts, the correctional system, and juvenile justice. Through case studies, class discussions, and interactive activities, students will gain a deeper understanding of how these components work together to uphold the law and protect society. Students will also examine current issues and challenges facing the justice system, encouraging critical thinking about fairness, equity, and reform.

**INTRODUCTION TO CIVIL & CONSTITUTIONAL LAW** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**
***Prerequisite:** None*

In this course, students will explore the foundations of civil and constitutional law, including negligence, intentional torts, liability,individual rights,and the limits of government power. Through landmark court cases, case studies, class discussions, and interactive activities, students will gain a deeper understanding of how the legal system resolves disputes and protects individual rights. Students will also examine current legal issues and challenges involving civil liability and constitutional protections, encouraging critical thinking about justice, individual rights, and the role of law in American society.

**U.S. HISTORY** **2 CREDITS** **GRADE: 11** **1 YEAR**

**Meets NCAA eligibility requirements**

***Prerequisite:*** *Earning two World Cultures credits prior to enrolling in U.S. History. 11th grade transfer students will be allowed to concurrently enroll in a course to earn World Cultures credit and be enrolled in U.S. History.*

This course covers the scope of American history from Native American origins to current world events, giving historical and diverse perspectives to the unique development of the United States and a thorough understanding of our democratic heritage. The course will stress the processing and utilizing of information in a variety of skills involving cognitive and analytical ability, as well as critical thinking skills. Skills necessary for success in college will be stressed in the course. Students' ability to express themselves logically and in a structurally sound manner in both verbal and written form will also be stressed. Active student involvement in the learning process will be encouraged.

**WORLD CULTURES** **2 CREDITS** **GRADE: 9** **1 YEAR**

**Meets NCAA eligibility requirements**

***Prerequisite****: None*

This is a required freshman course, for students who are not in the honors program, which will provide a people-centered study involving an in-depth look at the world's major cultures. The study of each of these cultures will focus on its history, present-day culture and geography, family life and structure, social organizations, attitude on education, government, religious beliefs and institutions, economic life, political trends, and intellectual and artistic accomplishments of men and women within that culture. The study of each of the cultures will be supplemented by the development of reading, writing, research, geography, critical thinking, and study skills. The goal of the development of these skills will be to provide students with a basis for success in social studies classes and all of their courses. This course is only open to 9th and 10th grade students. 11th and 12th grade students who have not yet earned World Cultures credits will enroll in World History unless a different class is approved by the department instructional leader.

**MODERN WORLD HISTORY** **1 or 2 CREDITS** **GRADES: 10 or 11 – 12** **1 SEMESTER or 1 YEAR**

***Meets NCAA eligibility requirements***

***Prerequisite****: None*

This elective course will focus on topics not covered in the core social studies classes such as the life and human interactions in Europe and the modern western world including Medieval Europe, the Renaissance and Reformation, the Absolutist Kings and Queens of Europe, the Enlightenment, the French Revolution, the Industrial Revolution, and the World Wars. In addition to reinforcing reading and writing skills, students will explore history through research projects, technology, and a variety of hands-on activities.

**ANCIENT WORLD HISTORY** **1 or 2 CREDITS** **GRADES: 10 or 11 – 12** **1 SEMESTER or 1 YEAR**

**Meets NCAA eligibility requirements**

***Prerequisite****: None*

This elective course will focus on topics not covered in the core social studies classes such as life and human interactions in ancient civilizations including the ancient Middle East, Egypt, Greece, Rome, and the Dark Ages. In addition to reinforcing reading and writing skills, students will explore history through research projects, technology, and a variety of hands-on activities.

## JOLIET JUNIOR COLLEGE SOCIAL STUDIES COURSES

**HISTORY 103 (U.S. to 1865) DC** **1 H. S. CREDIT** **GRADE: 11** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

This is a survey course focusing on the history of the United States from exploration to Reconstruction. Superior reading and writing skills will be required because supplemental reading, in addition to the textbook, as well as weekly written work will be expected. A 4- 5 page research paper is also required. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit.* ***Students will be responsible for paying a $12 per credit fee paid directly to JJC****. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this JJC course will be accepted as a required or elective credit. This course fulfills one year of the State of Illinois' "writing intensive" requirement.*

**HISTORY 104 (1865 TO PRESENT) DC** **1 H.S. CREDIT** **GRADE: 11** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

This is a survey course focusing on the history of the United States from Reconstruction to the present. Superior reading and writing skills will be required because supplemental reading, in addition to the textbook, as well as weekly written work will be expected. A 4-5 page research paper is also required. *Students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit.* ***Students will be responsible for paying a $12 per credit fee paid directly to JJC****. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this JJC course will be accepted as a required or elective credit. This course fulfills one year of the State of Illinois' "writing intensive" requirement.JJC does not require a research paper. The course will still be writing intensive and we have collaborated as a PLC team to create new writing assignments that best meet the needs of our students and prepare them for college.*

**HISTORY 105 WESTERN CIVILIZATION I DC** **1 H. S. CREDIT** **GRADE: 12** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

This dual credit class is a survey of western civilization from earliest times to about C.E. 1500. Emphasis is on the evolution of human culture and institutions in order to provide students with an understanding of how and why civilizations develop as they do. The course is designed to make students aware of the contributions of ancient and medieval times to life in the present. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university they are interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

**HISTORY 106 WESTERN CIVILIZATION II DC** **1 H. S. CREDIT** **GRADE: 12** **1 SEMESTER**
Meets NCAA eligibility requirements **3 COLLEGE CREDITS**

This dual credit class is a survey of western civilization from about C.E. 1500 to the present. Emphasis is on the development of forms of social, economic, political, and cultural activities. The purpose is to increase the student's awareness of what it means to be modern and to offer explanations of how and why the national communities of the western world moved toward modernity. The course concludes in the 20th century with the emergence of the world community of national states. ***Senior students will be provided the opportunity to receive College Credit through Joliet Junior College, in addition to high school credit. Students will be responsible for paying a $12 per credit fee paid directly to JJC. Students who qualify for free/reduced lunch will not be required to pay the student fee. Disclaimer - Dual Credit is subject to change based upon revisions made from Joliet Junior College. Minooka Community High School has no control over this entity. Each student is advised to check with the individual college/university s/he is interested in attending to verify if this JJC course will be accepted as a required or elective credit.***

**A note for students registering for any of the JJC courses. Students will receive grade reports from JJC and will be responsible for requesting a JJC transcript to get the 3 hours of college credit per course transferred to the college or university enrolled in after graduation from MCHS. This is not an AP course and no AP honors credit can be earned through it. Students desiring to earn a weighted grade should enroll in AP U.S. History, or AP United States Government and Politics, or AP European History.**

# SPECIAL EDUCATION COURSE DESCRIPTIONS
## Department Chair - Mr. Matt Shanahan

### INTRODUCTION

The Special Education Department at Minooka Community High School offers a continuum of services for students who qualify for an Individualized Education Plan (IEP) based on an identified disability. Individualized Education Plans are reviewed annually, and re-evaluations are conducted every three years. An IEP team may be composed of student, parents, regular education and special education teachers, deans, counselors, nurses, social workers, and school psychologists. The IEP team determines classes, accommodations and academic support for students with disabilities. Students identified with a disability and who have an active IEP are assigned a case manager (special education teacher) who monitors the implementation of the IEP.

### COURSE OFFERINGS

**Biology**
**Chemistry**
**Consumer Education**
**English I**
**English II**
**English III**
**English IV**
**Government**
**SC Pre-Algebra**
**SC Algebra I**
**SC Algebra II**
**SC Geometry**
**Reading I and II**
**Resource**
**Speech**
**Self-Contained Life Skills**
**U.S. History**
**World Cultures**

## SPECIAL EDUCATION - ENGLISH

**ENGLISH I** **2 CREDITS** **GRADE: 9** **1 YEAR**
Meets NCAA eligibility requirements

This class will concentrate on improving writing skills by focusing on basic grammar, parts of speech, punctuation, capitalization and sentence construction. Literary selections may include, but are not limited to, short stories, young adult fiction and nonfiction, and supplemental reading. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**ENGLISH II** **2 CREDITS** **GRADE: 10** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of level 1 English.*

This class will concentrate on continuing the improvement of writing skills, basic grammar, sentence construction and paragraph writing. The focus will be on building students' reading and writing skills through the use of different genres of literature for a variety of purposes. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**ENGLISH III** **2 CREDITS** **GRADE: 11** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of level II English.*

This class will reinforce fundamental writing mechanics and the basic skills of composition. Literary selections will offer a broad, basic understanding of literature through the presentation of various authors, themes, and styles. Further, each student will be offered the opportunity to gain an appreciation and awareness of the values of good literature. Test preparation for SAT will be one component of the course throughout the year. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**ENGLISH IV** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of level III English.*

This class will reinforce the fundamental skills of reading and writing as students strive to improve their writing skills. Reading comprehension is also a major focus of the course. Post-secondary transition will be stressed through a variety of activities and simulations as students progress toward becoming lifetime learners. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**READING I AND II** **2 CREDITS** **GRADES: 9 - 10, 11** **1 YEAR**
***Prerequisite:*** *Test scores and teacher recommendation.*

This course utilizes the Stage C *READ 180* curriculum--an intensive reading intervention program proven to meet the needs of students whose reading achievement is below proficient level. The program directly addresses individual needs through adaptive and instructional software, high-interest literature, and direct instruction in reading comprehension, vocabulary, and writing skills. Students will use Stage C ReaL Book and Stage C *READ 180* topic software. Students enrolled in Reading II will pick up the program where they left off at the end of Reading I. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs**.

**SPEECH COMMUNICATION** **1 CREDIT** **GRADES: 10, 11 - 12** **1 SEMESTER**
Meets NCAA eligibility requirements

Speech communication is a required course that will enable students to improve their communication skills, thus allowing them to gain confidence in their ability to speak meaningfully and easily in various situations. A variety of verbal presentations, such as informative, persuasive, demonstrative, impromptu, special occasion speeches, and oral reports will be required. The course will include attention to organization and researching skills, as well as critical analysis of one's speaking skills. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

## SPECIAL EDUCATION - MATH

**SC PRE-ALGEBRA** **2 CREDITS** **GRADE: 9** **1 YEAR**

This course emphasizes Pre-Algebra skills including integer and fractions rules, equations, and solving inequalities. Other skills include a measure of central tendency, probability, linear equations, proportions, and percentages. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**SC ALGEBRA I** **2 CREDITS** **GRADE: 10** **1 YEAR**
***Prerequisite:*** *Successful completion of level I Math.*

This course goes into greater detail with the concepts covered in Math I. Skills covered include central tendency, solving equations and solving inequalities. Other skills introduced in this course include systems of equations and exponents. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**SC GEOMETRY** **2 CREDITS** **GRADE: 11** **1 YEAR**
***Prerequisite:*** *Successful completion of level II Math.*

This course focuses on Foundational Geometry Skills. The topics of this course include Geometry basics such as points, lines, and planes, distance and midpoint, angles, parallel and perpendicular lines, categories and characteristics of triangles, and area. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**SC ALGEBRA II** **2 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of level III Math.*

This course focuses on Foundational Algebra I and Algebra II skills. Topics include solving equations, exponents, radicals, polynomials, factoring, and quadratics. The curriculum, including assessments and assignments, will be adapted to meet individual student needs. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

## SPECIAL EDUCATION - SCIENCE

**BIOLOGY** **2 CREDITS** **GRADES: 9** **1 YEAR**
***Prerequisite: None***

Self-Contained Biology will consist of a modified Next Generation Science Standards curriculum taught in a self-contained, Special Education setting. The concepts of this course are organized to allow students with IEPs a more individualized pace of instructions that is more suitable for the learning needs of the enrolled students. This lab science course will be fully immersed in scientific practices that are aligned to the general education curriculum. Students will engage in scientific problem solving and reasoning as they learn about topics such as ecology, biodiversity, homeostasis, DNA, genetics, and the processes by which organisms change over time. Both traditional and computer-based labs will be utilized to provide students with the opportunity to develop the scientific skills needed to progress to the next science course. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs**.

**CHEMISTRY** **2 CREDITS** **GRADES: 10** **1 YEAR**
***Prerequisite:*** *Successful completion of SC Biology, determined by IEP Team.*

Self-Contained Chemistry will consist of a Next Generation Science Standards modified curriculum taught in a self-contained, Special Education setting. The concepts of this course are organized to allow students with IEPs a more individualized pace of instructions that is more suitable for the learning needs of the enrolled students. This science course will be fully immersed in scientific practices with the curriculum aligned to the general education curriculum. Students will explore the foundational principles of chemistry while also supporting students with literacy and math computational skills. This course will emphasize the composition of matter to Earth systems, chemical reactions, types of interactions, and nuclear processes. Both traditional and computer-based labs will be utilized to provide students with the opportunity to develop the scientific skills needed to progress to the next science course. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs**.

## SPECIAL EDUCATION – SOCIAL STUDIES

**CONSUMER EDUCATION** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite: None***

Consumer Education is designed to meet the state mandate in consumer proficiency. This modified course emphasizes the systematic decision-making process, consumers' rights, and responsibilities, the market economy, career choices, supply-demand forces affecting prices, the role of the government affecting decisions, saving, and credit. Students will learn skills to help them be prepared for life after high school including job skills, house/car buying, budgeting, taxes, shopping for food and clothing, transportation, and many more. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs**.

**GOVERNMENT** **1 CREDIT** **GRADES: 11 - 12** **1 SEMESTER**
***Prerequisite: None***

This course is designed to meet the state requirement of adequate comprehension of the U.S. and Illinois Constitutions and protocol concerning respect for and display of the U.S. flag. In addition, students will participate in activities that will lead to an understanding of the Declaration of Independence. The government course, a one-semester, required course, which covers the structure and function of national, state, and local government with a focus of individual participation in the democratic process. Students will be given required tests on The Declaration of Independence, Constitution, Flag, and the Illinois Constitution. They will also learn how to become productive citizens of the community. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**U.S. HISTORY** **2 CREDITS** **GRADE: 11** **1 YEAR**
***Prerequisite:*** *Earning two World Cultures credits prior to enrolling in U. S. History. 11th grade transfer students will be allowed to concurrently enroll in a course to earn World Cultures credit and be enrolled in U. S. History.*

This course covers the score of American history from exploration to current world events, giving historical perspective to the unique development of the United States and a thorough understanding of our democratic heritage. The course will stress the processing and utilizing of information in a variety of skills involving cognitive and analytical ability, as well as critical thinking skills. Active student involvement in the learning process will be encouraged. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

**WORLD CULTURES** **2 CREDITS** **GRADE: 9** **1 YEAR**
***Prerequisite: None***

This is a required freshman course, which will provide a people-centered study involving an in-depth look at the world's major cultures. The study of each of these cultures will focus on its history, present-day culture and geography, family life and structure, social organization, attitude on education, government, religious beliefs and institutions, economic life, political trends, and intellectual and artistic accomplishments of men and women within that culture. The study of each of the cultures will be supplemented by the development of reading, writing, research, geography, critical thinking, and study skills. The goal of the development of these skills will be to provide students with a basis of success in social studies classes. **The curriculum, including assessments and assignments, will be adapted to meet individual student needs.**

## SPECIAL EDUCATION - RESOURCE

**RESOURCE** **1 CREDIT** **GRADES: 9 - 12** **1 SEMESTER**

This class provides academic support through reinforcement and clarification of concepts presented in either regular education or special education curriculum. Organization, test preparation, punctuality and on-task behavior are emphasized. Students work on skills needed to make continued progress on individualized goals and objectives.

## SPECIAL EDUCATION - CTE

**SELF-CONTAINED LIFE SKILLS** **1 CREDIT** **GRADE: 11 – 12** **1 SEMESTER**

Self-Contained Life Skills is an elective course designed to cover a variety of vocational and transition-related topics for students with IEPs. This class will provide opportunities for guided practice in order to foster independence to help students with IEPs transition to postsecondary employment or education. The students will be provided with a variety of opportunities to practice real-life skills that include but are not limited to, self-determination, independent living skills, navigating the community, social and emotional skills, how to form positive work habits, and how to seek postsecondary support.

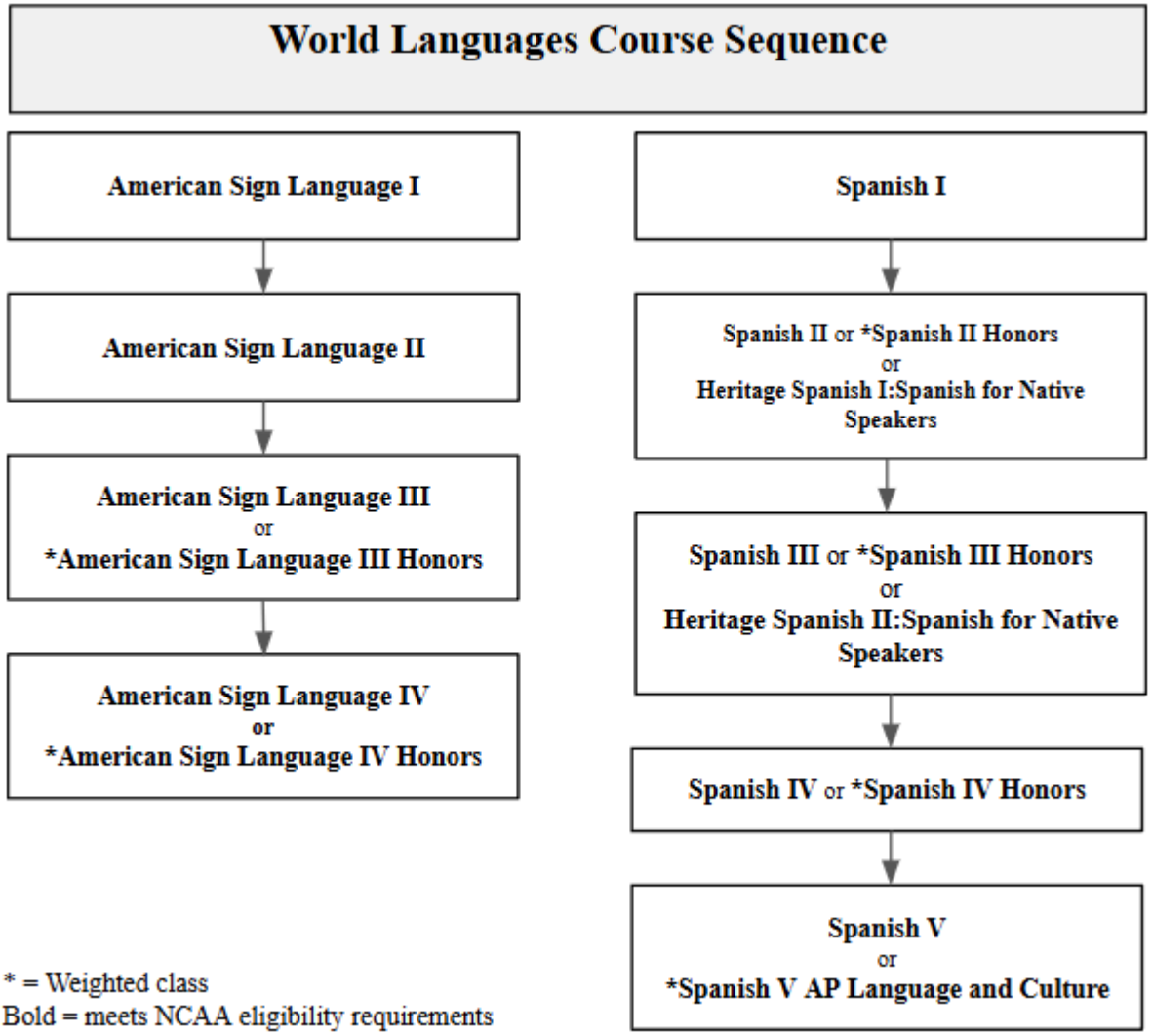
# WORLD LANGUAGES COURSE SEQUENCE AND DESCRIPTION
## Department Chair - Mr. Jeff Easthon

### INTRODUCTION

The Minooka Community High School World Language Department recognizes that the study of a foreign language is important in today's world. It encourages intellectual and cultural growth. It prepares our students to travel, live, and work among people from other cultures and backgrounds. It opens the door to many career possibilities. Language studies also expand the learners' awareness of themselves as people and as members of their own culture. Students can compare and contrast ideas, thereby gaining a different perspective of their own society. This leads to the development of global awareness and understanding.

### COURSE OFFERINGS

**American Sign Language I, II, III, IV**
**Heritage Spanish I: Spanish for Native Speakers**
**Heritage Spanish II: Spanish for Native Speakers**
**ESL Newcomer English I, II**
**English Language Development**
**Spanish I, II, III, IV, V**
***Spanish II, III, IV Honors**
***Spanish V Honors AP Language and Culture**



## WORLD LANGUAGES

**AMERICAN SIGN LANGUAGE I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**

This two-semester course will teach students the basics of American Sign Language (ASL) through the interpretive, interpersonal, and presentational modes of communication. Students will develop both receptive and expressive e-communication skills while learning about Deaf culture, the Deaf community, the ear, and the process of hearing.

**AMERICAN SIGN LANGUAGE II** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *American Sign Language I*

This course is designed for students who have successfully completed American Sign Language I and have an interest in continuing to learn ASL and also learn about deaf culture. Students will continue building upon the basic grammatical, linguistic, communicative, and cultural concepts learned in ASL I, and cultural understanding as well as continue language use through the interpretive, interpersonal, and presentational modes of communication. Students will be expected to produce language at the novice-mid to novice-high level of proficiency according to the Illinois State Standards for World Language and the ACTFL proficiency guidelines.

**AMERICAN SIGN LANGUAGE III** **2 CREDITS** **GRADES: 11, 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *American Sign Language I, II*

This course is designed for students who have successfully completed American Sign Language I and American Sign Language II and for students who have an interest in continuing to learn ASL and about Deaf Culture. Students will continue building upon the grammatical, linguistic, communicative, and cultural concepts learned in ASL II, as well as their cultural understanding. Students will continue language use through the interpretive, interpersonal, and presentational modes of communication with a special emphasis on lexical (vocabulary) and syntactical (grammar) skill development. Through dialogues, role-playing, and presentations students will be expected to produce language at the intermediate low-intermediate high level of proficiency according to the Illinois State Standards for World Language and the ACTFL proficiency guidelines.

**AMERICAN SIGN LANGUAGE III HONORS** **2 CREDITS** **GRADES: 11, 12** **1 YEAR**
**Meets NCAA eligibility requirements**
**Prerequisite**: Successful completion of American Sign Language I and II

ASL III Honors is an upper level course that covers the content of ASL III at an accelerated pace. This course exposes students to a more rigorous exploration of Deaf culture. Students will participate in an increased number of presentational assessments. ASL III Honors is designed for students who have successfully completed American Sign Language I and American Sign Language II and for students who have an interest in continuing to learn ASL and about Deaf Culture. Students will continue building upon the grammatical, linguistic, communicative, and cultural concepts learned in ASL II, as well as their cultural understanding. Students will continue language use through the interpretive, interpersonal, and presentational modes of communication with a special emphasis on lexical (vocabulary) and syntactical (grammar) skill development. Through dialogues, role-playing, and presentations students will be expected to produce language at the intermediate mid-intermediate high level of proficiency according to the Illinois State Standards for World Language and the ACTFL proficiency guidelines.

**AMERICAN SIGN LANGUAGE IV** **2 CREDITS** **GRADES: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
**Prerequisite**: American Sign Language I, II, & III

This course is designed for students who have successfully completed American Sign Language I, American Sign Language II, and American Sign Language III, and for students who have an interest in continuing to learn ASL and about Deaf Culture. Students will continue building upon the grammatical, linguistic, communicative, and cultural concepts learned in ASL III. Students will continue language use through the interpretive, interpersonal, and presentational modes of communication with a special emphasis on lexical (vocabulary) and syntactical (grammar) skill development, as well as expanding their cultural knowledge. Students will begin to apply language to discuss and participate in activities based on the AP World Language Themes. Through a variety of authentic dialogues, story-telling, projects, and presentations students will be expected to produce language at the Intermediate-Mid to Advanced-Low Level of Proficiency according to the Illinois State Standards for World Language and the ACTFL proficiency guidelines.

**AMERICAN SIGN LANGUAGE IV HONORS** **2 CREDITS** **GRADES: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of American Sign Language III Honors*

ASL IV Honors is an upper level course that covers the content of ASL IV at an accelerated pace. This course is a more rigorous exploration of Deaf culture, with a heavy focus on presentational assessments. ASL IV Honors is designed for students who have successfully completed American Sign Language I, American Sign Language II, and American Sign Language III and for students who have an interest in continuing to learn ASL and about Deaf Culture. Students will continue building upon the grammatical, linguistic, communicative, and cultural concepts learned in ASL III. Students will continue language use through the interpretive, interpersonal, and presentational modes of communication with a special emphasis on lexical (vocabulary) and syntactical (grammar) skill development, as well as expanding their cultural knowledge. Students will begin to apply language to discuss and participate in activities based on the AP World Language Themes. Through a variety of authentic dialogues, story-telling, projects, and presentations students will be expected to produce language at the Intermediate-High to Advanced-Low Level of Proficiency according to the Illinois State Standards for World Language and the ACTFL proficiency guidelines.

**ENGLISH LANGUAGE DEVELOPMENT (ELD)** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite: Teacher recommendation***

**This course will help bridge the gap between our current offerings of Newcomer English I/II and the general education English courses. While our Newcomer English courses primarily focus on conversational English and basic vocabulary and grammar structures, this course would focus on more complex vocabulary, grammar, and writing. The goal is to help our students who already have a high beginner-low intermediate level of English proficiency increase their proficiency even further with targeted support tailored to their needs.**

**ESL NEWCOMER ENGLISH I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:*** *WIDA ACCESS or WIDA Screener Level 2.0 and below or teacher recommendation*

This is an English language course designed to prepare English Learner (EL) students for reading, writing, speaking, listening, and critical thinking skills necessary for academic coursework and lifelong success. This course prepares students to use English with increasing accuracy in classroom and social situations and to participate in society as informed students. This course is repeatable for credit.

**ESL NEWCOMER ENGLISH II** **2 CREDITS** **GRADES 9 - 12** **1 YEAR**
***Prerequisite:*** *WIDA ACCESS or WIDA Screener below 3.0 or teacher recommendation*

This is an English language course designed to prepare English Learner (EL) students for reading, writing, speaking, listening, and critical thinking skills necessary for academic coursework and lifelong success. This course prepares students to use English with increasing accuracy in classroom and social situations and to participate in society as informed students. This course builds off of what students new to the English language learned in ESL Newcomer English I. This course is repeatable for credit.

**ESL RESOURCE** **.5 CREDIT** **GRADES: 9 - 12** **1 YEAR**
***Prerequisite:****ACCESS Level 4.7 and below*

This is an English language resource designed to assist students with their coursework in an environment conducive to their individual needs as ESL students. The teacher will monitor student grades and success in their other courses

**SPANISH I** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Jr. High English/Reading grades of "C" or better.*

Spanish I introduces students to basic communication and comprehension skills in reading, writing, speaking and listening. The primary goal of Spanish I is to develop and refine interpretive skills to establish a strong foundation of listening and reading skills. Students will strive to reach the Novice-High level of the ACTFL Proficiency and Performance Guidelines using authentic texts and audio. Students will also begin to develop interpersonal skills (engaging in conversation with others) and presentational skills (giving information in written and spoken modes). Spanish I students will expand their global awareness through cultural appreciation. Classroom instruction will be presented mostly in Spanish.

**HERITAGE SPANISH I: SPANISH FOR NATIVE SPEAKERS** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
Meets NCAA eligibility requirements

This course is designed for students who already speak and comprehend Spanish. This course will help expand their literacy and vocabulary skills in Spanish to allow the student to improve their Spanish writing and reading skills. Students will be refining their skills through interpretive, interpersonal and presentational modes of communication and they will be expected to produce the language using the proficiency levels provided from the ACTFL guidelines. The emphasis of this course will be on enhancing literacy, critical thinking, and analytical skills using authentic texts and audio from students' own culture, history, and pop culture.

**SPANISH II** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of Spanish I, ("C" average recommended).*

While maintaining a focus on interpretive skills, students will progress towards more production of language in spoken and written form in Spanish II. Students will strive to reach the Intermediate-Low level of the ACTFL Proficiency and Performance Guidelines using authentic texts and audio. Students will also advance their interpersonal skills (engaging in conversation with others) and presentational skills (giving information in written and spoken modes). Spanish II students will expand their global awareness through cultural appreciation. Classroom instruction will be presented mostly in Spanish.

**SPANISH II HONORS *weighted course*** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *An "A" average in Spanish I and application/acceptance into World Languages Honors program. Freshmen registration only through successful placement exam process.*

The material covered in this class continues to build upon that of Spanish I. Classroom instruction will be presented mostly in Spanish. The pace and learning emphasis of this class are rigorously aimed at college placement and or entry into AP Spanish Language and Culture as well as continued study of the Spanish language. Acquisition of additional vocabulary and verb tenses are a major portion of this course in as far as they enhance the interpretive, interpersonal, and presentational modes of communication. Students will be exposed to authentic works such as literature, art, film, and music. Students will be expected to produce language at the novice-high to intermediate-low level of proficiency according to the Illinois State Standards for World Language and the ACTFL Proficiency and Performance Guidelines.

**HERITAGE SPANISH II: SPANISH FOR NATIVE SPEAKERS** **2 CREDITS** **GRADES: 9 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
**Prerequisite:** Heritage Spanish I

This course is designed for students who already speak and comprehend Spanish, and have passed Heritage Spanish I. This course will help refine and sophisticate their literacy and vocabulary skills in Spanish to allow the student to improve their Spanish writing and reading skills. While Heritage I created a base for students' writing and reading skills, Heritage II will challenge students to display their knowledge of the nuances of Spanish in presentational writing and speaking tasks. Students will be expected to produce the language using the proficiency levels provided from the ACTFL guidelines. The emphasis of this course will be on enhancing literacy, critical thinking, and analytical skills using authentic texts and audio from students' own culture, history, and pop culture. Students will have the opportunity to take the STAMP test after completing Heritage II.

**SPANISH III** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of Spanish II, ("C" average recommended).*

This course is designed for students who have successfully completed Spanish II or Spanish II Honors and have an interest in continuing to learn the Spanish language as well as Spanish and Latin American culture. Classroom instructions will be presented mostly in Spanish. Students will continue refining and improving their language skills in reading, writing, speaking, listening, and cultural understanding as well as continued language usage through interpretive, interpersonal, and presentational modes of communication. Students will be expected to produce language at the intermediate-low to intermediate-mid level of proficiency according to the ACTFL proficiency and performance guidelines and the ACTFL Can-Do Statements.

**SPANISH III HONORS *weighted course*** **2 CREDITS** **GRADES: 10 or 11 - 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Spanish II Honors with a "C" average of higher, or application and acceptance into the World Languages Honors Program.*

The material covered in this class continues to build upon that of Spanish II Honors. Classroom instruction will be presented mostly in Spanish. The pace and learning emphasis of this class are rigorously aimed at college placement and or entry into AP Spanish Language and Culture as well as continued study of the Spanish language. Review and further acquisition of additional vocabulary and verb tenses are a major portion of this course in as far as they enhance the interpretive, interpersonal, and presentational modes of communication. Students will be exposed to authentic works such as literature, art, film, and music. Emphasis will be placed on student production of language, resulting in proficiency at the intermediate-low to intermediate-mid level, according to the Illinois State Standards for World Language and the ACTFL proficiency and performance guidelines.

**SPANISH IV** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of Spanish III, ("C" average recommended)*

This course is designed for students who have successfully completed Spanish III or Spanish III Honors and have an interest in continuing to learn the Spanish language as well as Spanish and Latin American culture. Students will continue refining and improving their language skills in reading, writing, speaking, listening, and cultural understanding as well as continued language usage through interpretive, interpersonal, and presentational modes of communication. Students will be expected to produce language at the intermediate-mid level of proficiency according to the Illinois State Standards for World Languages and the ACFTL proficiency guidelines. Seniors are eligible to take a Spanish Proficiency Test to have the opportunity to earn the Illinois State Seal of Biliteracy. Classroom instruction will be presented entirely in Spanish.

**SPANISH IV HONORS** ***weighted course*** **2 CREDITS** **GRADES: 11 - 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of Spanish III Honors with a "C" average or higher, or application and acceptance into the World Languages Honors Program.*

The material covered in this class continues to build upon that of Spanish III Honors. Classroom instruction will be presented in Spanish. The pace and learning emphasis of this class are rigorously aimed at college placement and/or entry into AP Spanish Language and Culture and continued study of the Spanish language. Review and further acquisition of additional vocabulary and verb tenses are a major portion of this course in as far as they enhance the interpretive, interpersonal and presentational modes of communication. Students will be exposed to authentic works such as literature, art, film, and music. Seniors are eligible to take the AAPPL test to have the opportunity to earn the Illinois State Seal of Biliteracy.

**SPANISH V** **2 CREDITS** **GRADE: 12** **1 YEAR**
**Meets NCAA eligibility requirements**
***Prerequisite:*** *Successful completion of Spanish IV or Spanish IV Honors.*

This course is designed for students who have successfully completed Spanish IV or Spanish IV Honors and have an interest in continuing to learn the Spanish language as well as Spanish and Latin American culture. Students will continue refining and improving their language skills in reading, writing, speaking, listening, and cultural understanding as well as continued language usage through interpretive, interpersonal, and presentational modes of communication. Students will be expected to produce language at the intermediate-mid to intermediate-high level of proficiency and performance according to the Illinois State Standards for World Languages and the ACTFL proficiency and performance guidelines. Seniors are eligible to take a Spanish proficiency test to have an opportunity to earn the Illinois State Seal of Biliteracy. Classroom instruction will be presented entirely in Spanish.

**SPANISH V AP LANGUAGE AND CULTURE** ***weighted course*** **2 CREDITS** **GRADE: 12** **1 YEAR**
Meets NCAA eligibility requirements
***Prerequisite:*** *Successful completion of Spanish IV Honors with a "C" average of higher, or application and acceptance into the World Languages Honors Program.*

This course is designed for students who have successfully completed Spanish IV Honors. The AP Spanish Language and Culture course is a rigorous course that is taught exclusively in Spanish and approximately equivalent to a 5th or 6th semester university course. The course requires students to improve their proficiency across the three modes of communication (interpretive, interpersonal, and presentational). The course focuses on the integration of authentic resources including online print, audio, and audiovisual resources, as well as traditional print resources that include literature, essays, and magazine and newspaper articles with the goal of providing a rich, diverse learning experience. Students communicate using rich, advanced vocabulary and linguistic structures as they build proficiency in all modes of communication toward the pre-advanced level as defined in the ACTFL Performance Guidelines for K-12 learners. Students are required to take the AP Spanish Language and Culture course exam in early May. There is a fee associated with the AP Exam.

# GRUNDY AREA VOCATIONAL CENTER

All Grundy Area Vocational Center (GAVC) courses are designed as two-year programs. Students can elect to take one year of a program and not return for year two with the exception of cosmetology. Students in this program receive four hours of classroom and practical work experience each day. Due to GAVC schedule students attending GAVC might not be able to attend all assemblies. All students who elect to attend GAVC classes are expected to be familiar with rules that relate to conduct and discipline at the Center and/or cosmetology. Attendance in this program is a privilege not a right. The study hall period prior to and the bus ride to Morris is considered to be part of the GAVC experience. If behavioral infractions occur in either place, discipline will be assigned. If the student accumulates 3 behavioral infractions they will be removed from the GAVC program. Any violation of a safety or security nature may result in the student being immediately removed from GAVC. At that time, they will have their class schedule changed and assigned two (2) resource classes at MCHS and reimbursement of any fees will not be given. Discipline-related incidents will be handled by the Center and referred back to Minooka Community High School. If a student is suspended from Minooka Community High School the student is not allowed to attend classes at GAVC and the absences at GAVC will be unexcused. Students are also reminded that their continued attendance at GAVC is dependent upon their behavior riding the bus to and from GAVC. GAVC students are required to sign a behavioral contract that parents receive a copy of. Copies of this contract are available upon request in the Deans' office. In addition, for sequential courses, such as Building Trades I & II, if a student earns a D for the final semester grade of the course, the student will not be allowed to continue to the next course without teacher recommendation. If a student earns an F for the final semester grade of the course in a sequential course, the student will not be allowed to continue to the next course. **GAVC students will not be sold a parking permit if they still owe previous school fees and/or need to meet any previous school obligations. Students who have been assigned a GAVC class during the early time block, third (3rd) time block, and cosmetology time block, will be issued a parking permit ONLY if all school fees have been paid in full.**

Students attending GAVC during third block will not have transportation home. Students will need to provide their own transportation at the end of the day.

Beginning with the class of 2016, MCHS students must achieve Junior grade-level status by earning 26 credits by the first day of the new academic year in order to maintain enrollment in any GAVC course.

## PHYSICAL EDUCATION WAIVERS

***Juniors and Seniors*** attending Grundy Area Vocational Center may be waived from physical education, provided they are enrolled in four academic courses at MCHS deemed necessary to pursue postsecondary education or to complete any deficiencies accrued in courses during the freshman or sophomore year. Any student, deficit in physical education credits (less than two at the end of sophomore year), will not be eligible for this waiver.

## CREDITS

Six credits a year will be issued for successfully completing a GAVC course.

**JJC BUSINESS/FINANCE ACADEMY** **6 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *None*

This dual enrollment course is offered through a partnership with Joliet Junior College and will take place at the main campus in Joliet, IL. Students are responsible for arranging their own transportation to and from the main campus. They must complete the first course with a grade of 'C' or higher to proceed to the second semester. Good attendance is crucial for college success.

**ACCY 101** - The first college-level course in accounting emphasizes financial accounting. This course covers the accounting cycle, assets, liabilities, and stockholders' equity. Attention is given to providing the student with an understanding of accounting procedures and the ability to use accounting data effectively. Computer applications are included. This course is designed for students who plan to continue with additional courses in the field, as well as for those whose needs are limited to an introductory course.
**ACCY 102** - Continuation of ACCY 101. The emphasis of this second accounting course is on managerial accounting. Included in this course are the fundamentals of job order and process-cost systems, cost-volume-profit analysis, budgeting, variance analysis, and other topics. Computer applications are included. Prerequisite(s): ACCY 101
**ECON 103** - A study of economic forces underlying the economic system with special emphasis on an analytical approach to determining price, national product, saving, consumption, investment, employment, growth, and economic stability, banking system, and international economics.
**ECON 104** - A study of economic relationships at the level of the individual consumer, firm, and industry. This course explores pricing and output in different market settings, regulation and antitrust policy, market failure, and wage determination. Prerequisite(s): ECON 103

**Students are required to provide their own transportation to and from class at Joliet Junior College (JJC) Main Campus, Joliet.** A JJC registration application for the program is required. Dual Credit: Joliet Junior College ACC101, ACC102, ECON103, and ECON104 (14 credit hours) Guidance notes: Senior-only program. Recommended for students with a strong interest in business and accounting. Documentation of a 95% attendance rate, a 3.0 GPA, and a record of good behavior.

GRUNDY AREA VOCATIONAL CENTER

**HEALTH SCIENCE TECHNOLOGY**

**HEALTH OCCUPATIONS** **6 CREDITS** **GRADES: 11 - 12** **1 YEAR**

***Prerequisite:*** *None*

This course includes skills to prepare the health science student for a solid foundation in the healthcare field. The student receives instruction in the basic fundamentals of patient care both in theory and clinical practice. The student will develop basic skills in body mechanics, medical asepsis, ethics, safety and medical terminology, as well as personal care of patients. Participation in clinical practice at local healthcare facilities provides the student with actual hands-on experience in a variety of situations. Students are required to complete a physical and 2 step TB test to participate in clinical practices. Upon successful completion of the course, the student will be prepared to take the State Certified Nursing Assistant exam. Students must maintain an 80% or better throughout the course in order to qualify to take the State Certified Nursing Assistant exam.

**HEALTH OCCUPATIONS II** **6 CREDITS** **GRADE: 12** **1 YEAR**

***Prerequisite:*** *Successful completion of Health Occupations I with an 80% or better. Successful completion of the Certified Nursing Assistant Examination.*

The course includes skills to prepare the health science student for a specific career in the health science and technology field. The student will be exposed to a variety of occupations in both nursing and an allied health field. The first semester will provide reliable and realistic information about health careers with exploratory learning experiences. The student will be exposed to additional knowledge in medical language, medical math, anatomy and physiology, and job skills training. Students will develop a portfolio for working in the healthcare industry, which includes extensive material from their clinical rotation at Morris Hospital. Anatomy and pathology are discussed for interest and background rather than for mastery.

GRUNDY AREA VOCATIONAL CENTER

**TECHNOLOGY & ENGINEERING EDUCATION (INDUSTRIAL ORIENTED)**

**JJC ACE: ARCHITECTURE, CONSTRUCTION MANAGEMENT, ENGINEERING 6 CREDITS GRADE: 12 1 YEAR**

***Prerequisite:*** *None*

The ACE program is designed to provide the student with a broad overview of the skills and knowledge necessary to pursue an exciting career in the architecture/ construction/engineering field. Through relevant and challenging college courses, the student will receive a solid foundation in the introductory and fundamental coursework in the professional tracks of the building industry. The ACE program has been designed for those students interested in the built environment and are considering career pathways in the field of architecture, engineering or construction management. With 12 hours of college credit to be earned, the student will explore each discipline and can apply those credits to the track best suited to their interest for further study.

Each discipline, Architecture, Construction Management, and Engineering, has an introductory course intended to provide the student an insight into the different career alternatives and the educational and professional path available in that discipline. Beyond career exploration, each introductory class also covers the terminology, processes, skills, and industry specific content to give the student a full snapshot of not just that discipline, but how all disciplines in the building industry work together to build our communities. In addition, the ACE program includes a course in Blueprint reading designed to provide the proper knowledge and skills to be able to read a set of blueprints; a fundamental, required skill for all disciplines and individuals in the building industry. The students will also receive their OSHA 10 Construction Safety card, an industry credential, by successfully completing a 1 ½ day weekend training course in the program.

Also included is an introductory course in Sustainability. While the content covers sustainability in the AEC industry, it also introduces the basic fundamentals in sustainability as a societal, global, multi-discipline approach. The course serves as a general education credit in the pursuit of many associate and advanced degrees.

Students will need their own transportation to and from class. They will be dual enrolled earning high school and college credit for ARCH 100, CM 100, EGR 105/AEC 299, AEC 106, OPS 111 and SET 100, a total of 12 credits (see page 2 for course descriptions).

Students will need their own transportation to and from class. They will be dual enrolled earning high school and college credit for the above listed courses. Guidance Notes: Solid math skills needed with a record of good attendance and behavior.
Highlights of the Program:

- Students will attend courses at JJC Main campus, M-F, 12:30p – 2:30p (exact times TBD)
- Schedule to follow JJC calendar including holidays, spring break, etc.
- AttenAttendance requirements to follow JJC course policies: Due to the progression of topical content and hands-on labs, attendance is mandatory in all course sessions unless excused by the instructor.
- Class size limited to 15 students
- Textbooks and supplies provided by JJC
- JJC Program advising available for academic and career planning

**JJC AIM: ADVANCED INTEGRATED MAINTENANCE** **6 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *None*

This senior only program is offered in partnership with Joliet Junior College and will be held at Main Campus on Houbolt Rd, Joliet, IL. Students will participate in four separate college courses building skills and awareness in industrial maintenance, industrial fluid power, basic wiring/circuit design and electrical controls for heating, ventilation, and air conditioning systems. The AIM program will provide students with the core education and technical hands-on skills to further pursue careers in the advanced manufacturing sector. The demand for highly skilled technicians continues to grow everyday right here in our district.

In the Industrial Maintenance Technology courses, students will learn about OSHA safety programs, maintenance physics, hand and power tools, precision measuring, technical diagrams and assembly prints, fastening devices, lubrication, basic pump operation, and basic pipefitting procedures. Building on that knowledge, study will continue on the principles of hydraulics and pneumatics as applied to the basic theory of fluids and typical industrial circuits. Students will build fluid power circuits as applied to industrial applications.

In addition, students will learn the fundamentals of electrical and electronic circuits, including the calculation and measurement of voltage, current, resistance and power with emphasis placed on safe meter usage, print reading and exposure to a variety of electrical technologies currently used in industry including: introductory residential wiring, operation of AC motors, industrial solid-state devices, variable frequency drives, industrial controls, and single-phase/three- phase power distribution. Also included are the skills necessary to safely use electronic test equipment on low- and high-voltage components, and the details of installation, service, troubleshooting, and repairs on various types of electrical controls, circuits and components in the HVAC industry.

Students will need their own transportation to and from class. They will be dual enrolled earning high school and college credit for IMT101, IMT121, HVAC120, and EEAS101, a total of 13 credits.
Guidance Notes: Solid math skills needed with a record of good attendance and behavior. Highlights of the Program:

- Students will attend courses at JJC Main campus, M-F, 7:30a – 9:30a
- Schedule to follow JJC calendar including holidays, spring break, etc. with any minor adjustments as necessary
- Attendance requirements to follow JJC course policies: Due to the progression of topical content and hands-on labs, attendance is mandatory in all course sessions unless excused by the instructor.
- Class size limited to 9-12 students
- Safety and lab equipment provided by JJC
- Participation and invitation to JJC career events and industry visits highlighting advanced manufacturing companies
- Participation in career skills 'boot camps ' including resume, interview skills, etc.
- Potential for summer internship

**JJC AET: APPLIED ENGINEERING TECHNOLOGY:** **6 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *None*

Students in the AET program which is located at **Joliet Junior College Main Campus** will have an opportunity to focus on the application and implementation of design theory. During the first semester, students will participate in both classroom and hands-on shop experience. In the shop, emphasis is placed on exercises and projects that embody the basic processes and operations in using hand tools, layout tools and machine tools such as vertical saw, drill presses, engine lathes, vertical milling machines, and surface grinders. In the classroom, emphasis is placed on the theory related information that is essential to set up and operate machine tools and to perform basic processes and operations in the machine shop. Students will earn 4 credits for MFG101 (Precision Machine Technology I).

During the second semester, students will acquire knowledge and skills in the use of numerical control and computer numerical control milling and turning machines. The course will also include NC and CNC general concepts and programming procedures. Students will have "hands-on" experience in programming, setting-up, and operating an NC milling and drilling machine and a CNC milling and drilling machine. Students will become familiar with Windows NT and the use of the computer program "Notepad." In addition, students will work to develop a high degree of skill in visualizing and interpreting prints. The class work includes the principles of orthographic projection, dimensions and tolerances, the application and interpretation of machining, and welding symbols and specifications. This course also covers the reading of numerical control prints, sheet metal prints, machining prints, welding prints, and instrumentation and control diagrams. Students earn 7 credits for MFG 111 and 115 (Numerical Controls and Blueprint Reading for **Manufacturing and Welding)**.

**AVIATION I** **6 CREDITS** **GRADES 11 - 12** **1 YEAR**

*Prerequisite: None*

This course introduces students to airplane piloting and the navigation field. Instructional units include principles of flight, the flight environment, aircraft systems and performance, meteorology for pilots, interpreting weather data, and basic navigation, instructional units in radio navigation systems, aviation physiology, flight planning and decision making, aviation history, the nature of space, rockets, and space flight, and careers in aviation and aerospace.

**AVIATION II** **6 CREDITS** **GRADE: 12** **1 YEAR**

*Prerequisite: None*

Aviation 2 builds on the foundational knowledge developed in Aviation 1 and introduces students to advanced concepts in pilot operations, aircraft systems, safety, and instrument flight. Students explore cross-country flight planning, fuel requirements, alternates, weight and balance calculations, and aircraft performance for takeoffs and landings. The course also covers aircraft systems, emergency procedures, aeronautical decision-making, Crew Resource Management, and risk assessment. Students are introduced to instrument flight fundamentals, IFR charts, approaches, and airspace, along with introductory commercial pilot knowledge. The course includes comprehensive preparation for the FAA Private Pilot written exam through review, practice exams, and timed test simulations while exploring aviation degree programs and career pathways.

**HEAVY EQUIPMENT TECHNOLOGY** **6 CREDITS** **GRADE: 12** **1 YEAR**

***Prerequisite:*** *Acceptance into program*

This program is designed to train students for careers as heavy equipment mechanics. Heavy equipment includes equipment such as cranes, bulldozers, front-end loaders, rollers, backhoes, and hoists. Emphasis will be on the fundamentals as it relates to diesel engines and fuel systems used in heavy equipment. This program will introduce students to units of measurement, electron theory, wiring diagrams, schematics and symbols, basic principles of hydraulics, basic engine components, intake and exhaust systems, basic principles of hydraulics, basic engine components, intake and exhaust systems, introduction of welding and powertrain functions. Students must have steel toed boots and purchase program shirts at an estimated cost of $43.50.

College credits are earned during the program through Joliet Junior College. Disclaimer – Dual credit is subject to change based upon revisions made from Joliet Junior College. GAVC has no control over this entity.

This off-campus class is available through an application process only. Students will be drug-tested and must meet minimum requirements.
The class is located at ASIP-Local 150 in Wilmington. Students must provide their own transportation for this progra

GRUNDY AREA VOCATIONAL CENTER
**HUMAN AND PUBLIC SERVICES**

**COSMETOLOGY** **6 CREDITS** **GRADES: 11 - 12** **2 YEARS**
***Prerequisite:*** *Basic Math, Science, Reading and Anatomy*

Students will receive training at the Franklin Cosmetology Institute, located in downtown Morris. The goal of the program is to adequately prepare students through training, theory, and practical in order to successfully pass the Illinois state requirements to become a professional, licensed cosmetologist. Students participate in both classroom and practical experiences. Training in this field provides
for career opportunities as a licensed Cosmetologist. Disciplines taught include haircutting, hair coloring, styling, texture services, skin care, waxing, manicuring, and nail enhancements. This Illinois State license would allow the student to specialize in one, or all subject matter taught. To become a professional Cosmetologist, the State of Illinois requires 1500 clock hours of training by a licensed Cosmetology school, and a passing grade of 75% on the State Board licensing exam. Visit franklincosmetology.net for enrollment dates, or email us at franklininstitute100@gmail.com. for more information.

**CRIMINAL JUSTICE I** **6 CREDITS** **GRADES: 11 - 12** **1 YEAR**
***Prerequisite:*** *None*

Students will be educated in a wide range of criminal justice topics such as law enforcement, corrections, parole, probation, court system, security management, current legal issues, terrorism, as well as other related areas of the criminal justice system. The purpose of this course is to provide students with basic information to understand the criminal justice system and/or to pursue a career in the criminal justice field, both public or private. This program is a blend between traditional teaching methods and strategies, as well as hands-on/skill related activities. Local criminal justice professionals give specialized presentations and field trips are taken to local criminal justice facilities.

**CRIMINAL JUSTICE II** **6 CREDITS** **GRADE: 12** **1 YEAR**
***Prerequisite:*** *Successful completion of Criminal Justice I with a "C" or better.*

Criminal Justice 2 will continue to reinforce and enhance the knowledge and skills learned in Criminal Justice 1. In addition, Criminal Law, White Collar Crime, and Drug Use and Abuse in the Criminal Justice System will be studied. Students also may be afforded the opportunity to participate in a job shadow program with a local law enforcement/criminal justice agency. This program is a blend between traditional teaching methods and strategies, as well as hands-on/skill related activities. Local criminal justice professionals give specialized presentations and field trips are taken to local criminal justice facilities.

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