

2027 - 2028

MUNDELEIN HIGH SCHOOL

EST.1961

COURSE GUIDE

WELCOME TO THE 2027-2028 COURSE GUIDE

Dear Students and Families,

High school is a time for students to discover their interests, challenge themselves, develop new skills, and begin thinking intentionally about what comes next. At Mundelein High School, we want every student to have access to meaningful learning experiences that prepare them not only for graduation, but for the opportunities they choose to pursue beyond MHS.

Course selection is an important part of that journey. Each year, students have an opportunity to reflect on their interests and goals, explore new possibilities, and choose courses that appropriately challenge and support them. This Course Guide provides information about graduation requirements, course offerings, prerequisites, and the many academic opportunities available at MHS.

I encourage students and families to explore these opportunities together. Build on something you already enjoy, consider something new, and think about how the choices you make today can open doors for tomorrow.

Our counselors, teachers, and staff are here to help throughout the process. Beginning in November, counselors will meet individually with students to review graduation progress, discuss postsecondary goals, and select courses for the coming year.

We are proud of the breadth of experiences available at MHS and look forward to helping each student build a high school experience that challenges them, connects them to our community, and prepares them for what comes next.

Sincerely,
Stevee Libert, Principal



To keep up-to-date on our current and upcoming events, be sure to check out our **EVENTS** page (https://www.d120.org/events/).

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MHS COURSE SELECTION GUIDE

COURSE GUIDE FEATURES:

- Prerequisites
- Grade level criteria
- Number of semesters
- Number of credits
- Course description
- 6 units of elective credits

COURSE SELECTION PROCESS FOR 9TH-11TH GRADERS

Review the following links to become familiar with the course selection process for your incoming 9th grade student. Additional links are also provided for future planning.



PATHWAYS

WHAT ARE PATHWAYS?

A Pathway comprises courses within one's area of interest, bridging high school to college or career. It serves as an educational roadmap, guiding students to relevant high school courses and postsecondary options aligned with their career goals. Pathways facilitate the acquisition of knowledge and skills essential for specific postsecondary programs and careers.

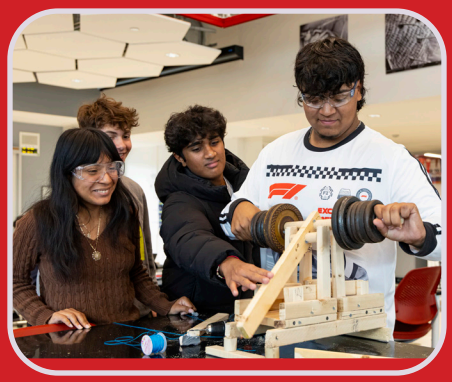
WHY A PATHWAY?

Mundelein High School emphasize the importance of finding a career that ignites passion. Real-world skill acquisition in school aids in achieving this goal. Pathways offer a blend of curriculum, real-world learning, industry skills, and qualifications necessary for postsecondary success. Research indicates that students and families engaged in Pathways feel they gain a head start on their future careers. Pathway students also have opportunities to earn college credit in high school through Dual Credit programs. Historically, Pathway students surpass expectations, with nearly every state reporting higher graduation rates for them compared to all students.

WHAT IS REQUIRED FOR A STUDENT TO EARN A PATHWAY ENDORSEMENT?

To earn a College and Career Pathway Endorsement, a student must:

- Develop and maintain a postsecondary education or career plan, including a resume and personal statement, from grades 9-12.
- Participate in career exploration activities, team-based challenges, and supervised career development experiences totaling at least 60 hours.
- Demonstrate readiness for reading and math by high school graduation.








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ENGLISH

The English Division offers the English courses required for graduation and a variety of electives in literature, writing, film, and other areas of interest. Students strengthen their reading and writing skills, analyze texts and media, and synthesize information from multiple sources to develop and support their ideas. Through discussion and original work, they learn to communicate clearly for different purposes and audiences.

COURSE	CREDIT	OPEN TO	PREREQUISITE
English 1*	1.0	9	None
English 2	1.0	10	English 1
Honors English 2	1.0	10	English 1
English 3	1.0	11	English 2
Honors English 3	1.0	11	English 2
English 4	1.0	12	English 3
Honors English 4	1.0	12	English 3, Honors English 3, or AP English Language
Transitional English 4	1.0	12	English 3
Dual Credit English Composition	1.0	12	English 3, Honors English 3, or AP English Language
AP English Language	1.0	11-12	English 2 or Honors English 2
AP English Literature	1.0	12	English 3, Honors English 3 or AP English Language & Composition
Science Fiction & Fantasy	0.5	9-12	None
Creative Writing	0.5	9-12	None
Mythology	0.5	9-12	None
Speech	0.5	9-12	None
Film as Literature	0.5	9-12	None

ENGLISH 1

Prerequisite: None
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading, writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on gathering and assessing relevant information from multiple authoritative print and digital sources.

***All students will have the ability to earn honors credit in this course. The teacher will review these requirements at the start of the school year**.

ENGLISH 2

Prerequisite: English 1
Open to: Grade 10
Length: 2 semesters
Credits: 1.0

Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading, writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on synthesizing relevant sources to answer research questions.

HONORS ENGLISH 2

Prerequisite: English 1
Open to: Grade 10
Length: 2 semesters
Credits: 1.0

Honors English 2 students complete work with rigor that encourages further depth of learning. Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading, writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on synthesizing relevant sources to answer the research questions.

ENGLISH 3

Prerequisite: English 2
Open to: Grade 11
Length: 2 semesters
Credits: 1.0

Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading, writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on writing arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

HONORS ENGLISH 3

Prerequisite: English 2 or Honors English 2
Open to: Grade 11
Length: 2 semesters
Credits: 1.0

Honors English 3 students complete work with rigor that encourages further depth of learning. Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading, writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on writing arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.



ENGLISH 4

Prerequisite: English 3
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
Students will use an inquiry-based approach to interact with a wide range of thematic units. Building from a variety of fiction and non-fiction texts, students will further develop critical thinking while reading , writing, speaking/listening, and researching unit topics. Writing will be emphasized in narrative, expository, and argumentative works. Research will focus on writing arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

TRANSITIONAL ENGLISH 4

Prerequisite: English 3, Honors English 3, or AP Language
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
Students will engage with reading strategies to help develop their reader identities and metacognitive conversational skills. Students will study and respond to both fiction and nonfiction texts as they prepare for college reading readiness. In addition, this course provides transitional instruction for students to handle the reading demands of their first year of college as well as avoid student placement into remedial reading and communications courses.

HONORS ENGLISH 4

Prerequisite: English 3, Honors English 3, AP Language
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
Honors English 4 students complete work with rigor that encourages further depth of learning. Students will explore how authors create effective arguments and craft meaning for their readers through the study of various fiction and nonfiction texts. Students will write narrative, expository, and argumentative pieces with a primary focus on argumentation and the synthesis of ideas.

DUAL CREDIT ENGLISH COMPOSITION

Dual-Credit: 6 Credit hours at College of Lake County for ENG 121: English Composition 1, and ENG 122: English Composition 2.
Prerequisite: English 3, Honors English 3, or AP English Language
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
This college-level course is designed to help students develop their competence in college-level writing and in the analysis of texts so they can enter the dialogue of the academic community. This course includes the analysis and practice of argument and the use of critical thinking to read, analyze, and produce college-level texts.

Students who earn an A, B, or C receive additional GPA weight that will factor into the overall MHS GPA. To earn college credit through the College of Lake County, students must have a minimum ACT English and reading score of 17, SAT English and reading score of 470, a 3.0 cumulative GPA, top one-third rank in high school after at least 5 semesters, **OR** a passing score on the College of Lake County English/Reading placement exam. We encourage all students to take this rigorous course, even if they do not qualify for college credit, to build confidence, expand their thinking, and prepare for post-high school educational experiences.

AP ENGLISH LANGUAGE

Prerequisite: English 2 or Honors English 2
Open to: Grade 11-12
Length: 2 semesters
Credits: 1.0
AP English Language is designed for students who are ready to explore how authors create effective arguments and introduce new perspectives to others. This involves the study of mostly nonfiction articles, essays, speeches, and other arguments that play a central role in society. Rhetorical analysis, synthesis of ideas, and argumentation are emphasized in this college-level course.
It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

AP ENGLISH LITERATURE

Prerequisite: English 3, Honors English 3 or AP English Language and Composition
Open to: Grade 12
Length: 2 semesters
Credits: 1.0

AP English Literature is designed as a college-level class for students wishing to explore how the author's craft creates meaning for the reader. This involves the study of novels, poems, short stories, and other literature. Extensive written analysis and a sophisticated understanding of the readings are required.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

SCIENCE FICTION AND FANTASY

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Science Fiction and Fantasy involves the study of the messages and methods of science fiction and fantasy authors. This course explores the essential questions: "What constitutes quality science fiction/fantasy literature?" and "How does a specific text represent the author's day and time?" Building from a variety of fiction and non-fiction texts, students will further develop critical thinking through reading, writing, speaking/listening, and researching unit topics.

This course meets ½ of the senior year English requirement when taken during senior year.



CREATIVE WRITING

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

****This is a Broadcast Media & Journalism Media Pathway Course.****

Creative writing is designed to teach students to use the tools of great creative authors in their own writing. This course explores the essential question: "How can I find meaning from a creative piece?" Students will read and write extensively as they develop their writing skills.

This course meets ½ of the senior year English requirement when taken during senior year.

MYTHOLOGY

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Mythology involves the study of the messages and methods of myths in human societies. This course explores the essential questions: "Is the study of mythology necessary for a modern individual?" and "Do modern myths, tales, and legends accomplish the same purpose as ancient myths, stories, and legends?" Building from a variety of fiction and non-fiction texts, students will further develop critical thinking through reading, writing, speaking/listening, and researching unit topics.
This course meets ½ of the senior year English requirement when taken during senior year.



SPEECH

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

****This is a Broadcast Media & Journalism Media Pathway Course.****

Speech is designed to familiarize students with the tools of effective public and group speaking. It emphasizes preparation and clarity strategies beneficial for all students, regardless of their beginning comfort with speaking in front of a group. This course explores the essential questions: "What factors contribute to the effective sending and receiving of messages?" and "What does a communicator need to know about his/her audience in order to communicate effectively?" Students will need to plan extensively, write speech outlines, and deliver speeches during this course. Students will be audio and video recorded as part of the curriculum.

This course meets ½ of the senior year English requirement when taken during senior year.

FILM AS LITERATURE

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Film as Literature involves the study of artistry and trends in the world of film. This course explores the essential questions: "Is film truly art?" and "Does film make a difference in society?" Building from a variety of texts and movies, students will further develop critical thinking through reading, writing, speaking/listening, and researching unit topics. This course meets ½ of the senior year English requirement when taken during senior year.



Career Pathway	Journalism Media
D120 Course Requirements	Journalism: News in the 21st Century
	Choose 2 Classes below for Endorsement
	Speech
	Digital Photo/Design I
	Creative Writing
	Dual Credit - Student Internship*
	Recommended: • Film as Literature

BROADCAST MEDIA

COURSE	CREDIT	OPEN TO	PREREQUISITE
Dual Credit - Beginning Media	0.5	9-12	None
Dual Credit - Advanced Media 1	0.5	9-12	Dual Credit - Beginning Media
Advanced Media 2	0.5	9-12	Dual Credit - Advanced Media 1

DUAL CREDIT - BEGINNING MEDIA

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Dual-Credit Opportunity
3 Credit Hours at CLC in DMD 233 Digital Video Editing
This is a Broadcast Media Pathway Course.
This course introduces students to the basics of postproduction non-linear digital video editing for multimedia, video and web capabilities. Students will produce, edit, and optimize video using industry relevant editing software. Upon completion of the course students will be able to create and produce digital videos and incorporated compressed and rendered projects into CD ROMs, DVD and Web technologies. In addition to learning the technical capabilities of the software, students will discuss digital video theory, concepts of video art and design, and the role digital video plays in the world of film, animation, animation and Web interactivity.



DUAL CREDIT - ADVANCED MEDIA 1

Prerequisite: Dual Credit
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Dual-Credit Opportunity
3 Credit Hours at CLC in DMD 170 Introduction to Video Production
This is a Broadcast Media Pathway Course.
This is an introductory course in digital video filmmaking and production. Students will be introduced to video filmmaking and production principles, terminology, theory, industry-relevant software and hardware. Students will gain hands-on experience working with video cameras, lenses, audio recording and lighting equipment. All phases of planning and producing digital video filmmaking will be emphasized involving directing visual storytelling and narrative communication. This course lays the foundation for more advanced digital video production and editing courses.

ADVANCED MEDIA 2

Prerequisite: Dual Credit - Advanced Media 1
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5 (Advanced level credit)
Course can be repeated for advanced course credit
This is a Broadcast Media Pathway Course.
This course is for the student who is serious about further investigating/pursuing an education/career in film, journalism, video production, and marketing. The projects they work on will replicate real, authentic industry, as they plan out interviews, organize people together for video shoots, and create a message that will reach targeted audiences.

Career Pathway	Broadcasting Media
D120 Course Requirements	Dual Credit - Beginning Media*
	Dual Credit - Advanced Media 1*
	Choose 2 Classes below for Endorsement
	Speech
	Creative Writing
	Graphic Design 1
	Dual Credit - Student Internship*
	Recommended: • Film as Literature



MATHEMATICS AND COMPUTER SCIENCE

The MHS math department offers a variety of courses aimed at developing students' mathematical reasoning, critical thinking, and problem-solving skills. Whether students wish to meet basic graduation requirements, challenge themselves in higher-level math, or pursue Advanced Placement courses, our experienced math teachers utilize innovative teaching techniques to engage various learning styles. Classes span foundational topics like Algebra and Geometry to advanced concepts in Trigonometry, Probability, Statistics, Pre-Calculus, and Calculus. Through real-world applications, hands-on projects, and collaborative work, students' mathematical comprehension, quantitative skills, and logical reasoning will be enhanced to help create analytical thinkers prepared to excel in future studies and 21st-century careers.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Principles of Math	1.0	9-10	Case manager recommendation
Introduction to Algebra	1.0	9-12	Case manager recommendation
Consumer Math*	1.0	10-12	Case manager recommendation
Algebra 1	1.0	9-12	Department recommendation
Geometry Seminar	1.0	9	Department recommendation
Geometry	1.0	9-12	Algebra 1
Geometry in Construction**	1.0	9-10	Algebra 1
Honors Geometry	1.0	9-10	Algebra 1
Algebra 2	1.0	10-12	Geometry and Department recommendation
Algebra 2/Trig.	1.0	10-12	Geometry
Honors Algebra 2/Trig.	1.0	9-11	Geometry
Transitional Math***	1.0	12	Algebra 2
Precalculus	1.0	11-12	Algebra 2/Trig. or department recommendation
AP Precalculus	1.0	10-12	Algebra 2/Trig.
Probability and Statistics	1.0	11-12	Geometry
AP Statistics	1.0	11-12	Probability and Statistics or Algebra 2/Trig
AP Calculus AB	1.0	10-12	Precalculus
AP Calculus BC	1.0	10-12	AP Precalculus
AP Computer Science Principles	1.0	10-12	Algebra 1
AP Computer Science A	1.0	10-12	AP Computer Science Principles and/or App Development and Coding
App Development and Coding	.5	9-12	None

*This course satisfies the Consumer Education Graduation requirement.

**All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.

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

Math Course Sequence

Find your ninth-grade starting course and read across for a possible four-year sequence.

Grade 9	Grade 10	Grade 11	Grade 12
Geometry Seminar	Algebra 1	Algebra 2	Transitional Math or Statistics
		Algebra 2/Trig.	Transitional Math, Statistics, or Precalculus
Algebra 1	Geometry of Honors Geometry	Algebra 2/Trig., or Honors Algebra 2/Trig.	Transitional Math, Statistics, AP Statistics, Precalculus, AP Precalculus
Geometry of Honors Geometry	Honors Algebra 2/Trig.	Precalculus or AP Precalculus	AP Calculus AB or BC AP Statistics or other eligible math courses
Honors Algebra 2/Trig.	AP Precalculus	AP Calculus AB or BC	AP Statistics

ADDITIONAL CONSIDERATIONS

- Flexible pathways. These are examples. Students may choose honors and AP courses when they meet the prerequisites.
- Geometry Seminar. This course fulfills the geometry requirement for graduation and is followed by Algebra 1.
- Students who want to accelerate their math course sequence can take Geometry in summer school. Note: Summer School Geometry is NOT for honors credit.
- With department approval, students who take Algebra 1 in 9th grade may choose to take Honors Geometry **AND** Honors Algebra 2/Trig concurrently during their 10th grade year to access AP Calculus in their 11th grade year.
- Plan for four years. A fourth year of math is not required for graduation, but is strongly encouraged for postsecondary education.

Math Elective Statistics Courses***		Math Elective Computer Science Courses***	
Probability & Statistics	AP Statistics	AP Computer Science Principles	AP Computer Science A

MATHEMATICS

PRINCIPLES OF MATH

Prerequisite: Case Manager recommendation
Open to: Grades 9-10
Length: 2 semesters
Credits: 1.0

This class is designed for students who need to build numerical understanding and reasoning skills. It will focus on key foundation concepts that enable students to make connections while learning to think algebraically. Techniques will be learned to help multiply and divide one-digit, two-digit, and three-digit numbers. An introduction to fractions will be presented, including adding and subtracting fractions and/or mixed numbers with different denominators. Students will then use many of the same skills (addition, multiplication, etc.) with decimals. A calculator is recommended for the course.

INTRODUCTION TO ALGEBRA

Prerequisite: Case Manager recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

This class is designed to build pre-algebra skills through learning strategies, not memorizing. Students will have the ability to solve rate and ratio problems through the demonstration of visual representations. When exploring percentages, students will use additional visual representations to compare the percentage to the whole. This class is designed to build pre-algebra skills through the use of variables and graphing. By graphing, the students will build visual representations when solving for functions and linear relationships. Additionally, alternate strategies will be used to help students solve multi-step equations. The equation-solving process will be vital as students continue through their algebra and geometry classes. A calculator is recommended for the course.

CONSUMER MATH

Prerequisite: Case Manager recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

This course satisfies the Consumer Education Graduation requirement.

Consumer Math is designed to meet the needs of students to develop abilities to make rational and informed decisions to lead successful lives in an independent world. It explains how to use mathematics in everyday situations involving money: salaries, purchases, credit, loans, household and personal expenses, car buying, insurance, savings, investments, retirement, etc. Whether it's balancing a checkbook, figuring sales commissions, or calculating how much extra it really costs to buy on credit. The concepts covered in this course can help anyone make the calculations quickly, easily, and accurately. This class satisfies the state requirement for Consumer Education.

ALGEBRA 1

Prerequisite: Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Algebra 1 is a first year algebra course designed for students to develop the basic terminology, skills, and concepts of algebra. Students will learn about linear, quadratic, and exponential functions by manipulating expressions, solving equations, and graphing. Inequalities, systems of equations, word problems, and applications will also be studied throughout the course. This course is aligned to the Common Core State Standards for Math. A graphing calculator is suggested. This course is also offered in a bilingual (Spanish) format.

GEOMETRY SEMINAR

Prerequisite: Department recommendation
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

This class is designed to build pre-algebra skills through transformational geometry topics. Students will develop the ability to solve rate, ratio, and percentage problems through the demonstration of visual representations. This class will continue to build pre-algebra skills through the use of variables, graphing, and various geometry concepts. Through graphing, the students will build visual representations when solving for functions and other linear relationships. Other topics such as congruence, similarity, and circles will be studied. A graphing calculator is suggested.

GEOMETRY

Prerequisite: Algebra 1
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

In this course, students will study transformational geometry to extend their knowledge of the geometry skills introduced in previous courses. Topics such as congruence, similarity, circles, and trigonometry will be studied. Deductive or logical reasoning, basic constructions and investigations will be used to prove ideas about the shapes and figures in the world. This course is aligned to the Common Core State Standards for Math. A graphing calculator is suggested. This course is also offered in a bilingual (Spanish) format.

GEOMETRY IN CONSTRUCTION*

Prerequisite: Algebra 1
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

**This course has an earned honors option for all students. The instructor will review these requirements at the start of the course.*

Geometry in Construction is an alternative, experiential-learning model approach to teaching/learning Geometry. This interdisciplinary course integrates geometry and construction topics through the building of significant construction projects. The objectives of this course are the same as the objectives in the traditional geometry course; the difference is the order of the objectives, and the contextualized nature of the lesson plans. Students will gain hands-on, real-world experience in different areas of construction and industrial technology. Students experience putting geometry into action by building real-world construction projects. Additional emphasis is given to teamwork, problem-solving, and the promotion of employable attributes.

HONORS GEOMETRY

Prerequisite: Algebra 1
Open to: Grades 9-10
Length: 2 semesters
Credits: 1.0

Students in Honors Geometry will study all of the major topics from the Geometry curriculum at an accelerated pace. Extensions to the content will be made to include advanced constructions, transformations, and proofs. Advanced algebra topics will be infused throughout the course. This course is aligned to the Common Core State Standards for Math. A graphing calculator is suggested.

ALGEBRA 2

Prerequisite: Geometry & Department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

In Algebra 2, basic algebra concepts are reviewed and expanded to include such topics as complex numbers, advanced polynomial equations, rational functions, powers, roots, and radicals. This course is aligned to the Common Core State Standards for Math. A graphing calculator is suggested.



ALGEBRA 2/TRIG.

Prerequisite: Geometry
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
Course Number: MA2300
In Algebra 2/Trig. students will take a more in-depth look at the topics learned in Algebra 1. Students will investigate such topics as complex numbers, polynomial functions, rational functions, roots, radicals, inverses, and logarithms. as well as an introduction to trigonometric functions, equations and their graphs. This course is aligned with the Common Core State Standards for Math. A graphing calculator is suggested.

HONORS ALGEBRA 2/TRIG.

Prerequisite: Geometry
Open to: Grades 9-11
Length: 2 semesters
Credits: 1.0
In Honors Algebra 2/Trig., advanced topics in algebra and trigonometry will be studied at an accelerated pace. Students will investigate such topics as complex numbers, advanced polynomial equations, rational functions, powers, roots, radicals, logarithms, conics, sequences, and series. Trigonometric topics will include identities, solving equations, graphing, and oblique triangles. This course is aligned with the Common Core State Standards for Math. A graphing calculator is required.

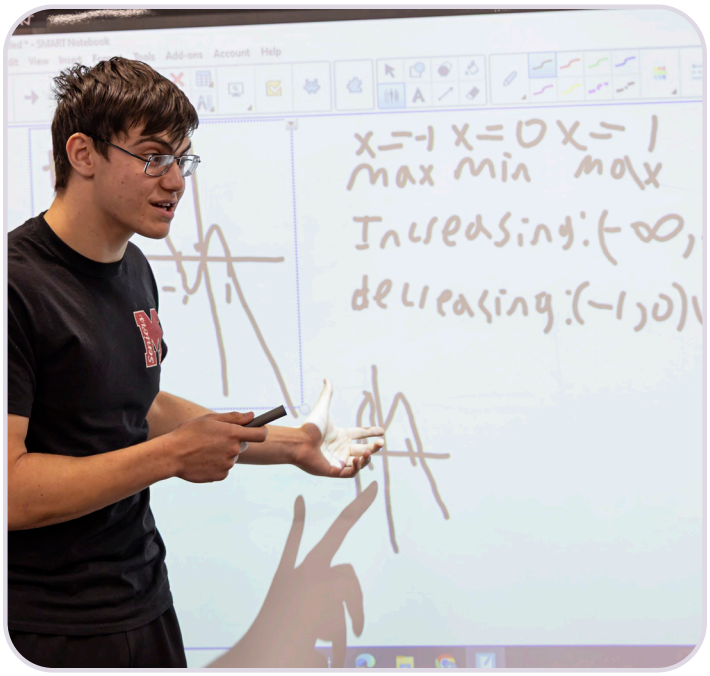
TRANSITIONAL MATH

Prerequisite: Algebra 2
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
**Fulfills Transitional Math credit as defined by the PWR-ACT.*
This two-semester course is designed to prepare and transition students directly into college and career pathways requiring general education college-level mathematics. Upon completion, students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical, conceptual understanding and critical thinking skills.

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

PRECALCULUS

Prerequisite: Algebra 2/Trig. or department recommendation
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
Precalculus is designed as a typical fourth course to prepare students for other college-level mathematics and science courses. A heavy emphasis is placed on the analysis of functions which includes polynomial, rational, piecewise, exponential, logarithmic, and trigonometric. Other topics include matrices, graphing of functions, sequences, series, and additional applications of Trigonometry. A graphing calculator is suggested.



AP PRECALCULUS

Prerequisite: Algebra 2/Trig.
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

AP Precalculus is the preparatory course for Calculus, and other college-level mathematics and science courses. In this course, students will explore everyday situations using mathematical tools and lenses. Students will enhance their algebraic skills of manipulating functions, equations, and expressions. They will also continue building their communication skills, using precise language and providing rationales for conclusions. A graphing calculator is required.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

PROBABILITY AND STATISTICS

Prerequisite: Geometry
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

This course may be taken concurrently with other math courses.
This is an Economics & Pre-Law/Legal Aide Pathway Course.
Probability and Statistics is an introductory course with an emphasis on science, social science, and leisure applications. Major topics include basic probability, summarizing data with descriptive statistics, and using sample statistics to make inferences about a larger population. This course will be useful for students planning to study disciplines relying heavily on statistical data analysis, such as mathematics, science, medicine, sociology, psychology, education, economics, political science, and business. A graphing calculator is required.

AP STATISTICS

Prerequisite: Probability and Statistics or Algebra 2/Trig.
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

This course may be taken concurrently with other math courses.
This is an Economics & Pre-Law/Legal Aide Pathway Course.
AP Statistics introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to exploring data, sampling and experimentation, anticipating patterns, and statistical inference. A graphing calculator is required.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

AP CALCULUS AB

Prerequisite: Precalculus
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

AP Calculus AB includes the following curriculum the development of limits, derivatives, integrals of all functions, curve sketching, related rates, continuity, areas under curves, volumes, maximums, minimums, optimizations, and mean value theorem. A graphing calculator is required.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

AP CALCULUS BC

Prerequisite: AP Precalculus
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

AP Calculus BC includes all the topics of AP Calculus AB, as well as the following topics: vectors, Taylor Polynomials, convergence, divergence, Taylor and MacLaurin Series, rotations, parametric equations, polar equations for conics, slope fields, and differential equations. A graphing calculator is required.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

COMPUTER SCIENCE

AP COMPUTER SCIENCE A

Prerequisite: Algebra 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
****This is a Computer Programming Pathway Course.****
This course offers a Math or Applied Arts credit.
This course may be taken concurrently with other math courses.
This course is part of the Amazon Future Engineer Program. How does the Internet actually work? How can cybersecurity protect me? How do I create an online app? The AP Computer Science Principles class introduces computer science by studying the internet, big data, cryptography and building apps. This class can be a first course for students to explore computer science.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement exam offered each May by the College Board.

AP COMPUTER SCIENCE PRINCIPLES

Prerequisite: AP Computer Science Principles recommended and/or App Development and Coding
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
****This is a Computer Programming Pathway Course.****
This course offers a Math or Applied Arts credit.
This course may be taken concurrently with other math courses.
This course is part of the Amazon Future Engineer Program. Students will learn a powerful object-oriented programming language called Java. When students learn one programming language in detail, they usually understand other programming languages because they are all very similar. This course prepares students for future coursework in Engineering or Computer Science, and is highly recommended if students plan on studying computer science or engineering at college.
It is highly recommended that all students in an Advanced Placement course take the Advanced Placement exam offered each May by the College Board.

APP DEVELOPMENT AND CODING

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This course is part of the Amazon Future Engineer Program. Do you want to learn coding by creating online games? App Development and Coding is an introduction to coding that gives you the foundation for future success in computer science. Game development is a major focus of the course to learn how to code, and students will also learn about artificial intelligence and web design. Students will attend a virtual tour of an Amazon Fulfillment Center, and compete in the Amazon Cyber Robotics challenge.





SCIENCE AND ENGINEERING

The science department at Mundelein High School offers various courses to spark students' curiosity about the natural world and prepare them for life after high school whether attending college, joining the military, or entering the workforce. If you are interested in the organisms of our planet, the chemical reactions happening all around us, the forces that govern the physical world, or any other scientific topic, our science curriculum has a course for you. Our classes emphasize hands-on lab work, critical thinking skills, and real-world applications of scientific concepts. We encourage all students, regardless of future academic and career plans, to explore the many avenues of science offered through our science courses during their high school career.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Biology*	1.0	9	None
AP Biology	1.0	11-12	Biology and Honors Chemistry or Chemistry
Dual Credit Biology	1.0	11-12	Biology and Chemistry
Physical Science	1.0	10-12	Biology
Chemistry	1.0	10-12	Biology and Algebra 1
Honors Chemistry	1.0	10-12	Biology and Algebra 1
AP Chemistry	1.0	11-12	Algebra 2/Trig., Honors Chemistry or Chemistry or department recommendation for 10th grade students
Dual Credit Chemistry	1.0	11-12	Biology
Earth Science	1.0	10-11	Biology
Physics	1.0	10-12	Biology and Algebra 1
Honors Physics	1.0	10-12	Algebra 2/Trig., and Biology or department recommendation
AP Physics C	1.0	11-12	Algebra 2/Trig., and Physics, or department recommendation
AP Physics 2	1.0	11-12	Algebra 2/Trig., and Physics, or department recommendation
Zoology	0.5	9-12	None
Honors Anatomy/Physiology	1.0	11-12	Biology and Chemistry
Astronomy	0.5	10-12	None
AP Environmental Science	1.0	11-12	Biology & Honors Chemistry, Chemistry, Physical Science or department recommendation
Applied Scientific Methods*	1.0	11-12	2 Credits of Science

*All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.

SCIENCE

BIOLOGY*

Prerequisite: None
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

Biology emphasizes the investigation and understanding of biological phenomena through the use of science and engineering practices with a specific focus on questioning, modeling, data analysis, and engaging in argument from evidence. Overall areas of study include ecology, genetics, and evolution, with many sub-topics covered. This course is also offered in a bilingual (Spanish) format. **All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.*

AP BIOLOGY

Prerequisite: Biology and Chemistry
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

AP Biology is a college-level class that focuses upon how both the Earth and the organisms that live on it have changed over time, as well as on the basic facts and ideas necessary to answer that question. Topics of study include cellular biology, energetics, evolution, ecology, genetics, genetic technology, animal structure and function, plant structure and function. These concepts will be taught utilizing a lecture/discussion-based curriculum which includes advanced lab techniques, independent projects, directed practice, and student research. Additional assignments over the summer and during the first term may be required.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

DUAL CREDIT BIOLOGY

Dual Credit: 4 credit hours at College of Lake County for *Bio 120* Principles of Biology
Prerequisite: Biology and Chemistry
Open to: Grades 11-12
Length: 2 semesters

This course introduces basic biological principles of life processes common to all organisms. Topics covered in this course include the chemical and physical basis of life, cell structure and function, concepts of heredity, population genetics, and evolution. This course will provide a foundation for those students potentially entering health programs.

Students who earn an A, B, or C receive additional GPA weight that will factor into the overall MHS GPA. To earn college credit through the College of Lake County, students must have a minimum ACT Math score of 20, SAT Math score of 510, OR a passing score on the College of Lake County math placement exam. Students also need to be proficient in English/Reading. We encourage all students to take this rigorous course, even if they do not qualify for college credit, to build confidence, expand their thinking, and prepare for post-high school educational experiences.

PHYSICAL SCIENCE

Prerequisite: Biology
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Physical Science is a lab science course designed to give students an introduction to fundamental principles of energy through the perspective of chemistry and physics. An emphasis on experimental design, scientific inquiry, and data analysis allows students to improve lab techniques and problem-solving skills. Connections to relevant societal and technological issues are explored. The course is aligned to the Next Generation Science Standards.

CHEMISTRY

Prerequisite: Biology and Algebra 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Chemistry focuses on experimental design, scientific inquiry, data analysis, mathematical calculation, and scientific reading. These skills are developed through creating models to explain physical observations. These models are developed as a class and evolve as more evidence is collected. Topics include; properties of matter, atomic structure, chemical formulas, chemical reactions, periodic properties of elements, chemical bonding, and the behavior of atomic particles in accordance with Kinetic Theory of Matter. Students write formal lab reports. Connections to relevant societal and technological issues are emphasized. This course is aligned to the Next Generation Science Standards. It is also offered in a bilingual (Spanish) format.

HONORS CHEMISTRY

Prerequisite: Algebra 1 and Biology, or department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Honors Chemistry focuses on experimental design, scientific inquiry, data analysis, mathematical calculation, and scientific reading. These skills are developed through the study of energy, properties of matter, atomic structure, chemical formulas, chemical reactions, periodic properties of elements, chemical bonding, acid/base chemistry, behaviors of solutions, cause/effect relationships of chemical equilibrium, and the behavior of atomic particles in accordance with Kinetic Theory of Matter. Students write formal lab reports. Connections to relevant societal and technological issues are emphasized. This course addresses topics in more depth than in Chemistry. This course is aligned to the Next Generation Science Standards.

AP CHEMISTRY

Prerequisite: Algebra 2/Trig,, Honors Chemistry or Chemistry or department recommendation for 10th grade students
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

AP Chemistry is the equivalent to a yearlong college-level class. Students will be provided ample opportunity to attain a depth of understanding of fundamentals and some competence in solving chemical problems. As with any of the science department's courses, skills such as science reasoning, experimental design, laboratory procedures and problem-solving are integrated and developed through a study of chemistry. However, the emphasis lies in preparation for the AP Chemistry test where the knowledge and skills are taken to a higher level of application. Among the topics are atomic structure, chemical bonding, gas laws, solids and liquids, solutions, reaction types, stoichiometry, equilibrium, chemical kinetics, thermodynamics, descriptive chemistry, and laboratory skills. There is an emphasis on chemical calculations throughout the content, including attention to significant figures, precision, and critical analysis of results.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*



DUAL CREDIT CHEMISTRY

Dual Credit: 4 Credit hours at College of Lake County *for CHEM120* Principles of Chemistry
Prerequisite: Biology
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
Students who earn an A, B, or C receive additional GPA weight that will factor into the overall MHS GPA. To earn college credit through the College of Lake County, students must have a minimum ACT Math score of 20, SAT Math score of 510, OR a 30 on the CLC math placement exam. Students also need to be proficient in English/Reading. We encourage all students to take this rigorous course, even if they do not qualify for college credit, to build confidence, expand their thinking, and prepare for post-high school educational experiences.

Students who earn an A, B, or C receive additional GPA weight that will factor into the overall MHS GPA. To earn college credit through the College of Lake County, students must have a minimum ACT Math score of 20, SAT Math score of 510, OR a passing score on the College of Lake County math placement exam. Students also need to be proficient in English/Reading. We encourage all students to take this rigorous course, even if they do not qualify for college credit, to build confidence, expand their thinking, and prepare for post-high school educational experiences.

EARTH SCIENCE

Prerequisite: Biology
Open to: Grades 10-11
Length: 2 semesters
Credits: 1.0
Earth Science is a lab oriented course that introduces the basics of the core areas of Earth Science which includes several different sub sciences within Earth Science.. Over the course of this one year course, students will explore units on the history of Earth, plate tectonics, the atmosphere, the usage of Earth's resources by humans, and look at severe weather. While exploring the content within these units, students will also work on developing their science skills. This course is aligned to the Next Generation Science Standards.

PHYSICS

Prerequisite: Biology and Algebra 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
Physics focuses on the attainment of knowledge and understanding of fundamental physics principles. Skills in science reasoning, experimental design, laboratory procedures, and problem solving are integrated and developed through a study of physics topics, including linear and rotational mechanics, waves, electricity, and magnetism. This course is aligned to the Next Generation Science. It is also offered in a bilingual (Spanish) format.

HONORS PHYSICS

Prerequisite: Algebra 2/Trig and Biology or department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
Honors Physics focuses on the attainment of knowledge and understanding of fundamental physics principles and their mathematical descriptions. Skills in science reasoning, experimental design, laboratory procedures and problem solving are integrated and developed through a study of physics topics. The topics include linear and rotational mechanics, waves, electricity, and magnetism. Basic trigonometry is applied in this course. This course is aligned to the Next Generation Science Standards.



AP PHYSICS C

Prerequisite: Physics and Algebra 2/Trig, or department recommendation
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
This is an Engineering Design Pathway Course.
AP Physics C is equivalent to a first semester college course in calculus based physics that is more in depth than in previous physics courses. Skills in science reasoning, experimental design, laboratory procedures, and problem solving are integrated and developed through a study of physics topics. This course covers kinematics; Newton's laws of motion, work, energy, and power; systems of particles and linear momentum; rotation; oscillations; and gravitation. Strong Algebra and basic trigonometry skills are recommended as prerequisites. Basic calculus skills will be reviewed/introduced as needed.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

AP PHYSICS 2

Prerequisite: Physics and Algebra 2/Trig, or department recommendation
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
This is an Engineering Design Pathway Course.
AP Physics 2 is equivalent to a second semester college course in algebra based physics that is broader and more highly specialized than in previous physics courses. Skills in science reasoning, experimental design, laboratory procedures, and problem solving are integrated and developed through a study of physics topics. Students are challenged to extend what they learn to solve problems of various levels of structure and depth. This course covers fluid dynamics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Strong Algebra and basic trigonometry skills are recommended as prerequisites.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

ZOOLOGY

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Pre-Veterinary Pathway Course.
Zoology focuses on animal taxonomy, animal anatomy/physiology, animal development, and animal behavior. The course will emphasize basic life science laboratory skills and techniques. It can be taken concurrently with or after Biology. **Animal dissection is a required part of the laboratory experience**. This course is a science elective and does not fulfill the Science graduation requirement.

HONORS ANATOMY AND PHYSIOLOGY

Prerequisite: Biology and Chemistry
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
This is a Pre-Medicine & Medical Technician Pathway Course.
Honors Anatomy and Physiology is designed for the student who has a special interest in human anatomy and physiology. Honors Anatomy and Physiology emphasizes problem-solving, laboratory dissection, and research skills that are integrated and developed through a study of human body systems. This course is fast-paced and intensive. The integumentary, skeletal, muscular, circulatory, respiratory, digestive, and excretory systems are examined in detail. Lab reports, dissection write-ups, term projects, and portfolio entries are an integral part of the student's experience. **Dissections are required**.



ASTRONOMY

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

Astronomy focuses on researching the historical developments in astronomy, examining the possible ways astronomy will change the world. Students will evaluate the forces that shaped our solar system, proper use of a star chart and telescope, and research space exploration. This course is aligned to the Next Generation Science Standards. This course is a science elective and does not fulfill the Science graduation requirement.

AP ENVIRONMENTAL SCIENCE

Prerequisite: Biology and Chemistry, or Physical Science, or department recommendation
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

AP Environmental Science is equivalent to one semester of a college course. AP Environmental Science provides students with the scientific principles, concepts, and methodologies required to do the following: understand the interrelationships of the natural world, identify and analyze environmental problems both natural and human-made, evaluate the relative risks associated with these problems both natural and human-made, and examine alternative solutions for resolving and/or preventing them.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

APPLIED SCIENTIFIC METHODS*

Prerequisite: 2 Credits of Science
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

This dynamic, lab-based course is focused on hands-on, experiential learning. Drawing from key principles in biology, chemistry, earth science, and physics, students will tackle real-world challenges by designing their own investigations and engineering innovative solutions. Throughout this class, students will deepen their understanding of scientific concepts by formulating questions, engaging in research, conducting experiments, and collaborating with their peers as they apply their knowledge in practical, meaningful ways. This approach equips learners with the skills to think scientifically and communicate ideas effectively. *All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.

MHS SCIENCE CAREER PATHWAY

Career Pathway	Pre-Medicine	Medical Technician	Pre-Veterinary
D120 Course Requirements	Honors Chemistry	Regular/Honors Chemistry	Honors Chemistry
	Honors Anatomy/Physiology	Honors Anatomy/Physiology	Zoology
	AP Biology or Dual Credit	Psychology/AP Psychology	AP Biology
	AP or Dual Credit Chemistry	Dual Credit - Student Internship*	AP or Dual Credit Chemistry
	Dual Credit - Student Internship*	**Recommended**: Psychology or AP Psychology Probability & Stats/AP Stats	Dual Credit - Student Internship*
	Recommended: Psychology or AP Psychology Probability & Stats/AP Stats		**Recommended**: Psychology or AP Psychology Probability & Stats/AP Stats

ENGINEERING

COURSE	CREDIT	OPEN TO	PREREQUISITE
Introduction to Engineering Design (IED)	1.0	9-12	None
Advanced Principles of Engineering (POE)	1.0	10-12	IED, A2/Trig. (taken either prior or concurrently with the course), or department recommendation
Advanced Computer Integrated Manufacturing (CIM)	1.0	10-12	IED, or department recommendation
Technical Design and Drafting 1	0.5	9-12	None
Technical Design and Drafting 2	1.0	10-12	Technical Design and Drafting 1
Construction 1	0.5	9-12	None
Construction 2	1.0	10-12	Construction I

INTRODUCTION TO ENGINEERING DESIGN (IED)

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
This is an Engineering Design, Automated Manufacturing, Digital Electronics & Nanosystems Pathway Course.
Using industry-standard computer-aided design software, discover the role of an engineer in taking an idea from the design process. Learn and use the Engineering Design Process to solve problems and innovate products by hand, on the computer (CAD) and with physical models. Produce an incredible, working prototype of your project with a 3D printer and a laser cutter. You will work on projects, activities, and problems not only of interest to you, but that have global and human impacts. Work in teams to design and improve products, document your solutions, and communicate them to others. Students can earn an Autodesk Certified User Certification.

ADVANCED PRINCIPLES OF ENGINEERING (POE)

Prerequisite: Introduction to Engineering Design (IED) or department recommendation, Algebra 2 trig must be taken prior or concurrently
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0 (Advanced Level credit)
This is an Engineering Design Pathway Course.
In the second course in the PLTW series, through problems that engage and challenge, students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students will develop skills in problem-solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

HONORS DIGITAL ELECTRONICS (DE)

Prerequisite: Introduction to Engineering Design (IED) or department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0 (Honors credit)
This is a Digital Electronics Pathway Course.
From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

The major focus of Digital Electronics is to expose students to the design process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

ADVANCED COMPUTER INTEGRATED MANUFACTURING (CIM)

Prerequisite: Introduction to Engineering Design (IED) or department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0 (Advanced Level credit)
This is an Automated Manufacturing Pathway Course.
Manufactured items are part of your everyday life, yet most people have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. You will learn about manufacturing processes, product design, robotics, and automation. Students can earn a HAAS Mill User Certification.

TECHNICAL DESIGN AND DRAFTING 1

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Construction Skills Pathway Course.
Introduce students to how computers are used in Computer Aided Design. This course will cover the basic functions of Windows operating system, as well as computer hardware and software and how the operating system relates to the use of both. Extensive use of the internet will be used to download software and information. CAD software will be introduced including AutoCAD (for 2D drawings), Inventor (for 3D mechanical parts), and Revit (for 3D architectural models).

TECHNICAL DESIGN AND DRAFTING 2

Prerequisite: Technical Design and Drafting 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
This is a Construction Skills Pathway Course.
Introduce students to how computers are used in Computer Aided Design. This course will cover the basic functions of Windows operating system, as well as computer hardware and software and how the operating system relates to the use of both. Extensive use of the internet will be used to download software and information. CAD software will be introduced including AutoCAD (for 2D drawings), Inventor (for 3D mechanical parts), and Revit (for 3D architectural models).

CONSTRUCTION I

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

This is a Construction Skills Pathway Course.Construction I will expose students to a variety of power hand tools and floor machinery geared towards woodworking and manufacturing. Students will incorporate math and science in the design process and construction of several required projects. This course is a great start to several Programs of Study: Engineering, Manufacturing, Building Trades, etc.

CONSTRUCTION 2

Prerequisite: Construction I
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

This is a Construction Skills Pathway Course. Construction 1 presents students with the fundamentals of planning, layout, foundations, and rough framing are taught in theory and through the construction of a model home built inside the Shop Lab. Students will also develop their reading, writing, mathematics, and communication skills.

Career Pathway	Engineering Design	Automated Manufacturing	Digital Electronics
D120 Course Requirements	PLTW Intro to Engineering Design	PLTW Intro to Engineering Design	PLTW Intro to Engineering Design
	PLTW - Principles of Engineering	PLTW - Computer Integrated Manufacturing	PLTW - Digital Electronics
	OR 1 credit from the following choices:	Dual Credit - Student Internship*	Dual Credit - Student Internship*
	AP Physics	**Recommended**: · PLTW - Digital Electronics · PLTW - Principles of Engineering	
	AP Calculus AB or BC		
	Dual Credit - Student Internship*		
	Recommended: · PLTW - Digital Electronics · PLTW - Computer Integrated Manufacturing		



SOCIAL STUDIES AND BUSINESS

Our Social Studies department offers a wide array of engaging and rigorous courses for students. Whether you are looking for a required history or social science credit or considering an Advanced Placement option, our enthusiastic teachers strive to make these courses spark student interest. We currently provide numerous elective options, including classes focused on history, psychology, sociology, economics, and law. Our Social Studies department provides students with a deeper understanding of history and the social sciences that will aid them in becoming engaged citizens who can critically assess and thoughtfully contribute to local, national, and world affairs. Our dedicated teachers strive to ignite student interest, passion, and debate. We encourage all students to explore our course offerings to uncover how the past continues to shape the present and future.

COURSE	CREDIT	OPEN TO	PREREQUISITE
World Studies*	1.0	9	None
United States History	1.0	10-12	World Studies
AP United States History	1.0	10-12	World Studies
United States Government & Politics	0.5	11-12	U.S. History or AP U.S. History
AP United States Government & Politics	0.5	11-12	U.S. History or AP U.S. History
ELECTIVES			
Civil Law	0.5	9-12	None
Criminal Law	0.5	9-12	None
AP European History	1.0	10-12	World Studies
AP Human Geography	1.0	9-12	None
Psychology	0.5	11-12	None
AP Psychology	1.0	11-12	None
Sociology	0.5	11-12	None
Economics**	0.5	10-12	None
AP Micro & Macro Economics**	1.0	10-12	Algebra 2 or Algebra 2 concurrently
AP Comparative Government & Politics	.5	11-12	U.S. History or AP U.S. History

*All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.

** Students will meet the state requirement for Consumer Education by successfully completing this course.

SOCIAL STUDIES

WORLD STUDIES

Prerequisite: None
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

World Studies is designed to help students develop an understanding of past events in order to comprehend present issues. Students will explore other cultures in order to understand their role in an interconnected global community. Students will also analyze the motivations and consequences of human behavior. This course will help students develop their reading, writing, research, and analysis skills.

All students will have the ability to earn honors in this course. The teacher will review these requirements at the start of the school year.

UNITED STATES HISTORY

Prerequisite: World Studies
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

United States History offers a thematic investigation into the foundational events, ideas, and diverse perspectives that have shaped the nation. Rather than relying solely on a chronological sequence, students examine overarching historical themes to identify patterns, make connections across eras, and evaluate how past decisions continue to impact contemporary society. Throughout the course, students actively build critical literacy and analytical skills by evaluating primary and secondary sources, conducting research, assessing competing claims, and crafting clear, evidence-based arguments.

AP UNITED STATES HISTORY

Prerequisite: World Studies
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

AP United States History is designed to provide students with the skills and factual knowledge necessary to critically analyze the events, trends, and issues in United States history. Students will analyze primary and secondary sources and emphasis will be placed on historical writing through free response and document-based question essays.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

UNITED STATES GOVERNMENT & POLITICS

Prerequisite: U.S. History or AP U.S. History
Open to: Grades 11-12
Length: 1 semester
Credits: 0.5

American Government and Politics provides an introduction to the American political system. The major goal is to provide students with the factual knowledge and analytical skills necessary to be an educated and participatory member of our democratic system. Students will examine how local, state and national governments provide for the common defense and maintain social order while still securing liberty and ensuring justice. Students will also analyze the roles and influences of individuals, groups, and the media in shaping public policy at the state and national level. This course will also help students develop their reading, writing, research, and analysis skills.

Students must pass the Constitution test in order to pass this class.



AP UNITED STATES GOVERNMENT & POLITICS

Prerequisite: U.S. History or AP U.S. History
Open to: Grades 11-12
Length: 1 semester
Credits: 0.5

American Government and Politics explores AP how Congress, the Presidency, and the Supreme Court work to make public policy. Students will focus on political parties, campaigns and elections, the media and interest groups, as well as civil rights and civil liberties. This course is designed for students who have an interest in current events, as well as the study of the structure and function of our government. AP American Government and Politics prepares students to become more responsible citizens and more informed voters.

Students must pass the Constitution test in order to pass this class.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

CIVIL LAW

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

This is a Pre-Law/Legal Aide Pathway Course.
Explore how the legal system regulates everyday relationships and protects individual rights in Civil Law. Students examine Small Claims Court, Discrimination & the Law, Torts, and Family Law through active, hands-on learning. Stepping into the roles of attorneys, witnesses, and judges, students litigate small claims cases, present oral arguments in moot Supreme Court hearings, and conduct civil mock trials. This course builds real-world confidence in public speaking and legal advocacy, and may be taken concurrently with other law electives.

CRIMINAL LAW

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

This is a Pre-Law/Legal Aide Pathway Course.
Criminal Law is designed for students who have an interest in the Criminal Justice System. Topics of study include understanding various crimes and their causes, the rights of the accused, such as the right to privacy, and an overview of the judicial process. Students will participate in a moot court to examine the impact of the U.S. Supreme Court on our individual rights, as well as mock trials of criminal court cases. This course may be taken concurrently with other law courses.

AP EUROPEAN HISTORY

Prerequisite: World Studies
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

AP European History involves the study of the development of western civilization from the late Middle Ages through the post-Cold War era. Social, political, and economic issues and trends are examined to help students develop their historical perspective. Students strengthen their reading, writing, historical interpretation, and analysis skills.
**It is recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*



AP HUMAN GEOGRAPHY

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the study of patterns and trends that have shaped human understanding. How have humans adapted and adjusted to their environments will be a question examined throughout the course. Students will analyze data regarding where and how people live to better understand the consequences on the environment. They also learn about methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geographic Standards (2012). Incoming 9th graders should have strong reading and writing skills.

**It is recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

PSYCHOLOGY

Prerequisite: None
Open to: Grades 11-12
Length: 1 semester
Credits: 0.5

Psychology is an introductory course designed to provide an overview of human thinking and behavior. Topics of study include research methods in psychological study, the biological bases of behavior, personality, states of consciousness/ sleep, how the brain learns and creates memories, abnormal psychological disorders, psychological development, and how social interactions affect behavior.

**It is recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

AP PSYCHOLOGY

Prerequisite: None
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

This is an ASPIRE Education Pathway Course.
AP Psychology is the scientific study of everything we do and think about. Topics of study include brain anatomy and function, research techniques, development, motivation, consciousness, learning, thinking and memory, personality, abnormal thoughts and behaviors, psychiatric medicine, among others. It is an excellent preparation for future study in Psychology, neuroscience, or medicine.

**It is recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

SOCIOLOGY

Prerequisite: None
Open to: Grades 11-12
Length: 1 semester
Credits: 0.5

Sociology emphasizes the study of human interaction within groups and cultures. Students will explore how families, schools, and peer groups influence behavior. Focus will also be given to the factors that influence the development of one's personality. General topics of study include families, peer groups, adolescence, deviance, countercultures, and socialization.

ECONOMICS

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

Economics focuses on topics such as personal budgets, credit, investment, economic systems, the business cycle, and inflation. Students will engage in discussions, simulations, and research on economic topics of interest. This course will also help students develop their reading, writing, research, and analysis skills. Students will meet the state requirement for Consumer Education by successfully completing this course.

AP MICRO AND MACRO ECONOMICS

Prerequisite: Algebra 2 completed or concurrent
Open to: Grades *10-12
Length: 2 semesters
Credits: 1.0

This is an Economics Pathway Course.
This course provides an accelerated study in the field of economics. Students acquire understandings equivalent to those gained in a college level introductory course. The course of study will prepare students to take both the AP Microeconomics and AP Macroeconomics Tests and also fulfills the consumer education requirement for graduation. The course will examine both broad economic theory and principles such as supply and demand, the profit maximizing production level for firms, decisions regarding the use of labor and other resources, the role of government in economics, and allow for applied research into focused areas of student interest.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

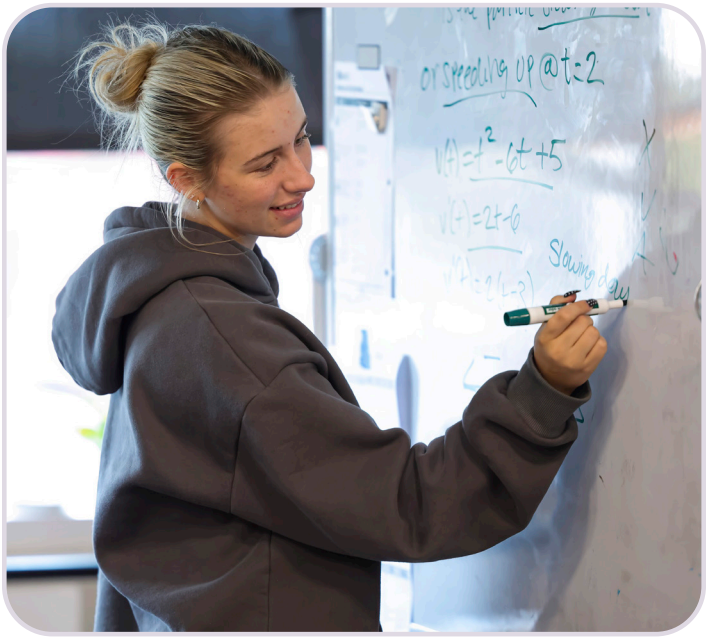
AP COMPARATIVE GOVERNMENT AND POLITICS

Prerequisite: U.S. History or AP U.S. History
Open to: Grades 11-12
Length: 1 semester
Credits: .5

This course will focus on providing students with a basic understanding of the world's diverse political structures. The course is designed for students who have an interest in international current events. AP Comparative Government and Politics prepares students to become more responsible citizens and more informed voters, as well as more knowledgeable members of a global community. This Comparative Government course will focus primarily on Great Britain, Russia, Mexico, China, Iran and Nigeria.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

***Does not meet government graduation requirements.*





BUSINESS

COURSE	CREDIT	OPEN TO	PREREQUISITE
Computer Applications	0.5	9-12	None
AP Business with Personal Finance	1.0	11-12	None
Personal Finance*	0.5	9-12	None
Business Law	0.5	9-12	None
Honors Business Incubator	1.0	11-12	None
Marketing	0.5	10-12	None
Accounting	1.0	10-12	None
* This course satisfies the Consumer Education graduation requirement.			

COMPUTER APPLICATIONS

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

In Computer Applications, students will learn powerful software programs that are widely used for schoolwork and in workplaces. Formal instruction in Microsoft Office, which includes Word, Excel, PowerPoint, will allow students to become a skilled user of these popular software programs and improve work productivity. Students will also apply what they learn in Microsoft Office to Google applications such as docs, spreadsheets, and presentations. Software certifications can be achieved to build college and career credentials.

AP BUSINESS WITH PERSONAL FINANCE

Prerequisite: None
Open to: Grades 11-12
Length: 2 semester
Credits: 1.0

This course satisfied the Consumer Education graduation requirement.

AP Business with Personal Finance* is a yearlong high school business and personal finance course. Students will explore how businesses operate, make decisions, market products, manage finances and respond to changing economic conditions, while also developing the knowledge needed to make informed personal financial decisions.

Through real-world projects, case studies and simulations, students will examine topics such as entrepreneurship, management, marketing, accounting, financial decision-making, banking, investing, budgeting, insurance and taxes.

PERSONAL FINANCE

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

This course satisfies the Consumer Education graduation requirement.

Personal Finance gives students the practical skills and knowledge they need to make smart financial decisions now and in the future. Students will learn how to budget, save, use credit responsibly, manage debt, understand insurance, invest, and build long-term financial security. Through real-world examples and activities, students will explore topics such as compound interest, the stock market, taxes, banking, and the impact of economic factors on their finances. Whether students plan to attend college, enter the workforce, or pursue another path after high school, this course prepares them to confidently manage their money and work toward their financial goals.

BUSINESS LAW

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

This is an Accounting, Economics, Pre-Law/Legal Aide & Business Management & Entrepreneurship Pathway Course.

Business Law gives students a practical understanding of the laws that impact everyday life and the business world. Students will explore the foundations of law and the court system, including trial procedures, criminal law, and types of crimes, along with tort law, contracts, employment law, warranties, business liability, intellectual property, and forms of business ownership. Through real-world cases and interactive activities, students will develop critical-thinking, problem-solving, and communication skills. Students will also take on the roles of attorneys and witnesses in a mock trial, participate in debates, and analyze legal cases and situations.

HONORS BUSINESS INCUBATOR

Prerequisite: None
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

Throughout this hands-on course, students experience what it takes to become an entrepreneur by working collaboratively in teams to create and develop their own product or service. Students move through the entrepreneurial process by developing and testing business ideas, conducting market research, utilizing financial models, developing marketing strategies, and exploring the legal aspects of running a business. Real entrepreneurs and business professionals serve as coaches and mentors, providing guidance, feedback, and real-world insight as students test hypotheses, learn from mistakes, adapt to market needs, and continually improve their businesses. Each semester culminates in a pitch event, where teams present their businesses to a panel of entrepreneurs and business experts. At the end of the school year, the student teams have the opportunity to be selected to participate in our annual pitch night competition.

MARKETING

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

Marketing gives students a hands-on introduction to the basic principles and concepts of marketing and how businesses attract customers, build brands, and promote products and services. Students will explore consumer behavior, market research, branding, pricing, and promotion while developing strategies for real-world business situations. Through team projects and creative activities students will build communication, problem-solving, and decision-making skills. This course is a great fit for students interested in business, advertising, entrepreneurship, or learning how marketing influences the choices consumers make every day.

ACCOUNTING

Prerequisite: None
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Articulated Credit with CLC*

Accounting introduces students to the fundamentals of how businesses track, organize, and use financial information. Students will learn basic accounting principles and procedures, record business transactions, and prepare financial statements such as income statements and balance sheets. The course also develops financial analysis, problem-solving, and decision-making skills that are valuable for future business courses and careers. Microsoft Excel and other technology tools are integrated throughout the course to give students practical experience with real-world accounting applications.



Career Pathway	Accounting	Economics	Business Management & Entrepreneurship
D120 Course Requirements		AP Micro & Macroeconomics	
	Accounting (Articulated CLC credit)	***Choose at least 1.0 Credit below for Endorsement***	Business Incubator
	Business Law	Probability & Stats/AP Statistics	***Choose at least 1.0 Credit below for Endorsement***
	Dual Credit - Student Internship*	Psychology/AP Psychology	Business Law
	Recommended: • Probability & Stats/AP Statistics	Business Law	Marketing
			Psychology/AP Psychology
		Dual Credit - Student Internship*	Probability & Stats/AP Statistics
			Dual Credit - Student Internship*

MULTILINGUAL EDUCATION

Our World Language department offers engaging language learning opportunities for all students. Whether you are looking to fulfill a language requirement, become fluent for travel abroad, prepare for your future career, connect with your heritage, or challenge yourself with an Advanced Placement course, our devoted teachers aim to make studying another language an exciting adventure. We currently provide courses in Spanish, Spanish for Heritage Learners, and French, spanning beginning to advanced levels. Our teachers utilize immersive teaching techniques incorporating conversation, films, literature, music, and more to allow students to thrive in comprehending and communicating in diverse languages. Fluency in other languages and deep cultural awareness create adaptable 21st century thinkers. We urge all students to explore our World Language course selections to uncover how language learning can lead to career opportunities and life-long connections.

COURSE	CREDIT	OPEN TO	PREREQUISITE
French 1	1.0	9-12	None
French 2	1.0	9-12	French 1 or department recommendation
Honors French 3	1.0	10-12	French 2
Honors French 4	1.0	11-12	Honors French 3
AP French	1.0	12	Honors French 4 or department recommendation
Spanish 1	1.0	9-12	None
Spanish 2	1.0	9-12	Middle school Spanish or Spanish 1
Honors Spanish 3	1.0	10-12	Spanish 2
Honors Spanish 4	1.0	11-12	Honors Spanish 3
Honors Spanish 5: Exploration of Latin American Culture	1.0	11-12	Honors Spanish 4, Honors Spanish 4 for Heritage Learners, **OR** Honors Spanish Language Arts 4
AP Spanish Language	1.0	11-12	Honors Spanish 4 or Honors Spanish for Heritage Learners 4 **OR** Honors Spanish Language Arts 4
Spanish for Heritage Learners 1	1.0	9-12	None
Spanish for Heritage Learners 2	1.0	9-12	None
Honors Spanish for Heritage Learners 3	1.0	9-12	None or Spanish for Heritage Learners 2
Honors Spanish for Heritage Learners 4	1.0	10-12	Honors Spanish for Heritage Learners 3 or department recommendation
Honors Spanish Language Arts 3	1.0	9-12	Enrolled in middle school Dual Language program and department recommendation
Honors Spanish Language Arts 4	1.0	9-12	Enrolled in a middle school dual language program, Honors Spanish Language 3, or department recommendation

WORLD LANGUAGE

FRENCH 1

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

French 1 is designed to introduce students to the French language. The emphasis in this course will be on listening and speaking skills with a gradual introduction to reading and writing in the French language. Students' listening and speaking skills are developed through daily use of French in the classroom and the language lab. Through an immersion-based approach, students will gain a basic foundation for communication. Students will also explore the culture, customs, and traditions of French-speaking countries.

FRENCH 2

Prerequisite: French 1 or department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

French 2 helps students advance their study of language structure to become more proficient readers and writers of the French. Through an immersion-based approach, students will further develop their skills in reading, writing, speaking and listening in the French language. Students will conduct a more advanced study of the culture and traditions of French-speaking countries.

HONORS FRENCH 3

Prerequisite: French 2
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Honors French 3 enables students to further develop their speaking and writing proficiency. Students will begin to interpret authentic literature of greater length written by and for native speakers, and to respond to it both orally and in writing. Students will build on their conversational skills and further advance their ability to write in the French language. Through an immersion-based approach, students will improve their communication in French and deepen their understanding of French culture.

HONORS FRENCH 4

Prerequisite: Honors French 3
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

Honors French 4 emphasizes fluency of speech, expansion of vocabulary, interpretation of authentic literature, and further development of writing proficiency. Reading and writing skills will be enhanced as students will read, respond to, and interact with various French fiction and non-fiction texts. Through an immersion-based approach, students will become more fluent in the French language and develop a deeper understanding of French culture.

AP FRENCH

Prerequisite: Honors French 4 or department recommendation
Open to: Grade 12
Length: 2 semesters
Credits: 1.0
Course Number: WL5500

Advanced Placement French is a fifth-year course. Students review structures from the previous four years in anticipation of the AP exam. Students also read and write about authentic literature from French-speaking countries.

**It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.*

SPANISH 1

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Spanish 1 is an immersion-based course where students will learn to read, speak, write, comprehend, and listen to the Spanish language. This course is for students who have not taken Spanish at the middle school level. This course will provide a basic introduction to the language in which students will be required to memorize and retain vocabulary and use it in its appropriate context. Students' listening and speaking skills are developed through an immersion based approach to language learning. Students will also explore the culture and traditions of Spanish-speaking countries.

SPANISH 2

Prerequisite: Completed Middle School Spanish or Spanish 1
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Spanish 2 is designed to help students advance their study of language structure and usage to become more proficient readers and writers. This immersion-based course will further students' skills in speaking, listening, reading, and writing through the daily use of Spanish in the classroom and the language lab. Students will read and interpret authentic literature written by native speakers and explore the culture, customs, and traditions of Spanish-speaking countries.

HONORS SPANISH 3

Prerequisite: Spanish 2 or department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Honors Spanish 3 further develops spoken and written proficiency and advanced grammatical structure through an immersion-based approach. Students interpret authentic literature of greater length written by and for native speakers. Students will improve their fluency in the language through daily use of Spanish in the classroom and language lab. Students will develop an increased awareness of the culture of Spanish-speaking countries.

HONORS SPANISH 4

Prerequisite: Honors Spanish 3
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

Honors Spanish 4 increases appreciation for the Spanish-speaking world through advanced study of literature, geography, current events, popular culture, fine arts, and advanced grammar. Students will further improve their fluency in the language through daily use of Spanish in all activities and conversations. Students will examine specific cultural elements of Spanish speaking countries. This course will help students develop the skills needed to be successful in Advanced Placement Spanish Language.

HONORS SPANISH 5: EXPLORATION OF LATIN AMERICAN CULTURE

Prerequisite: Honors Spanish 4, or Honors Spanish for Heritage Learners, or Honors Spanish Language Arts 4
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

Honors Spanish 5 is designed for students (both native and non- native speakers of Spanish) who are proficient in Spanish and enjoy learning about Latin American culture. Students will examine authentic movies, music, customs, traditions, celebrations, dance, food, theater, and literature of Latin America. Conducted entirely in Spanish, this course will provide students with the opportunity to deepen their understanding of the rich cultural history and contemporary life of those individuals from Central and South America.

AP SPANISH LANGUAGE

Prerequisite: Honors Spanish 4 or Honors Spanish for Heritage Learners 4 or Honors Spanish Language Arts 4
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
AP Spanish is intended to prepare students for the comprehensive AP Exam. Students will review key language structures and an overview of authentic literature by Latino authors. This course follows the curriculum established by the College Board and prepares students to take the AP Spanish Language exam. Students will participate in active and meaningful communication and develop the ability to understand Spanish in a variety of contexts. Students should be able to speak in the Spanish language with reasonable fluency in both spoken and written Spanish.

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SPANISH FOR HERITAGE LEARNERS 1

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Spanish for Heritage Learners 1 is designed for heritage language students who have some familiarity with spoken Spanish and who need to develop foundational reading and writing skills in Spanish. Students will build literacy skills through a focus on reading fluency, comprehension strategies, writing conventions, and academic vocabulary. Students will learn how to read, write, and communicate in Spanish through culturally relevant texts, personal narratives, and exploration of Latin American culture and identity. The course will provide students with a foundation in academic Spanish while strengthening their confidence and ability to access increasingly complex Spanish texts and prepare for Spanish for Heritage Learners 2.

SPANISH FOR HERITAGE LEARNERS 2

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Spanish for Heritage Learners 2 is designed for students who understand some spoken Spanish, and who need strategies to develop their reading and writing abilities in the classroom. Students will learn how to read, write, and communicate in the Spanish language through a focus on authentic literature and culture of Latin America. Students will explore a variety of themes such as immigration and global challenges. They will also focus on "comparing various Spanish-speaking cultures within the Americas". There will also be an in-depth focus on the culture, traditions, and customs of Spanish speaking countries.

HONORS SPANISH FOR HERITAGE LEARNERS 3

Prerequisite: None or Spanish for Heritage Learners 2
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Honors Spanish for Heritage Learners 3 is designed for students who fully understand spoken Spanish, and may need to further develop their reading and writing skills in the language. Students will learn how to more accurately read, write, and communicate in the Spanish language through a focus on authentic literature and culture of Latin America. Students will explore a variety of themes such as immigration, global challenges, and personal and public identities. There will also be an in-depth focus on the culture, traditions, and customs of Spanish speaking countries.



HONORS SPANISH FOR HERITAGE LEARNERS 4

Prerequisite: Honors Spanish for Heritage Learners 3
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Honors Spanish for Heritage Learners 4 is designed for students who fully understand spoken Spanish. It serves as a continuation of Heritage Learners 3. Students who take this course should have moderate proficiency in reading, writing, and speaking in the Spanish language. This course will focus on further enhancing student accuracy in reading, writing, and speaking in Spanish through a focus on authentic literature and current events of Latin America. This course also will prepare students to successfully take AP Spanish Language. Advanced Placement themes such as identity and contemporary life in Spanish-speaking countries will be explored.

HONORS SPANISH LANGUAGE ARTS 3

Prerequisite: Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

***This course is for Dual Language Students**

Spanish Language Arts 3 is designed for students who have completed a Dual Language middle school program and wish to further enhance their proficiency in reading, writing, and critical analysis in Spanish. Aligned with the Spanish Language Arts standards, this course emphasizes advanced grammar, vocabulary, and writing skills through the study of Spanish literature and informational texts. Students will explore a range of literary genres, including poetry, fiction, and essays, with a focus on themes such as cultural identity, social justice, and historical contexts in Spanish-speaking countries. The course fosters critical thinking and academic literacy in Spanish.

HONORS SPANISH LANGUAGE ARTS 4

Prerequisite: Department recommendation or Honors Spanish Language Arts 3
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

***This course is for Dual Language Students**

Spanish Language Arts 4 is a continuation of Spanish Language Arts 3 and is designed for Dual Language students who seek to refine their advanced reading, writing, and critical thinking skills in Spanish. This course, aligned with the Spanish Language Arts standards, focuses on analyzing complex literary works, contemporary texts, and media from Spanish-speaking cultures. Students will engage with themes such as identity, power, and social movements, while enhancing their ability to write sophisticated essays and conduct in-depth literary analysis. Spanish Language Arts 4 prepares students for advanced academic pursuits in Spanish, emphasizing persuasive writing, research skills, and critical interpretation.





ESL

COURSE	CREDIT	OPEN TO	PREREQUISITE
Newcomer ESL Academic Support	1.0	9-12	Department Recommendation
Emerging ESL	1.0	9-12	ACCESS/WAPT placement and department recommendation
Developing ESL	1.0	9-12	Emerging ESL or department recommendation
Bridging ESL	1.0	9-12	Developing ESL or department recommendation
TPI ESL Academic Support	1.0	9-12	Department Recommendation
ESL Academic Support	1.0	9	Department Recommendation

FLOW CHART OF ESL/BILINGUAL COURSE OFFERINGS

ELL SUPPORT	ENGLISH	SOCIAL STUDIES	MATH	SCIENCE
Newcomer ESL Academic Support	Emerging	World Studies*^	Algebra 1*	Biology*^
ESL Academic Support	Developing	U. S. History*^	Geometry*	Chemistry*^
ESL Academic Support	Bridging (Aligned with English 1)	Government & Economics*	Algebra 2*	Physics*
Academic Support	English 2			

All content area courses will address and assess language standards in reading, writing, listening, and speaking.

***Offered as Bilingual class**

^Offered as Sheltered English Instruction/Push-In or Bilingual

NEWCOMER ESL ACADEMIC SUPPORT

Prerequisite: Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Newcomer ESL Academic Support is a support course that accompanies ESL English classes and designed to meet the needs of students who are new to English and the US educational system. The course has three main focuses: support students in completing their grade-level course work, teach executive functioning and self-efficacy skills, and help students understand and navigate the US school system. Students will receive individualized instruction and be placed in flexible groups that are structured to meet their individual needs. Skill and strategy instruction will foster independence in literacy learning that is transferable to content-area classes.

EMERGING ESL

Prerequisite: ACCESS/WAPT Placement and Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

English language learners will process, understand, produce or use:

- general language related to the content areas
- phrases or short sentences
- oral or written language with phonological, syntactic, or semantic errors that often impede the meaning of the communication when presented with one- to multiple-step commands, directions, questions, or a series of statements with sensory, graphic or interactive support.

DEVELOPING ESL

Prerequisite: Emerging ESL or Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

English language learners will process, understand, produce or use:

- general and specific language of the content areas
- expanded sentences in oral interactions or written paragraphs
- oral or written language with phonological, syntactic, or semantic errors that may impede the communication, but retain much of its meaning when presented with oral communication, narrative or expository or expository descriptions with sensory, graphic or interactive support.

BRIDGING ESL

Prerequisite: Developing ESL or Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

English language learners will process, understand, produce or use:

- specialized or technical language of the content area
- a variety of sentence lengths of varying linguistic complexity in extended oral or written discourse, including stories, essays or reports
- oral or written language approaching comparability to that of proficient English peers when presented with grade level material.

The Bridging ESL curriculum is aligned with the English 1 curriculum.

TPI ESL ACADEMIC SUPPORT

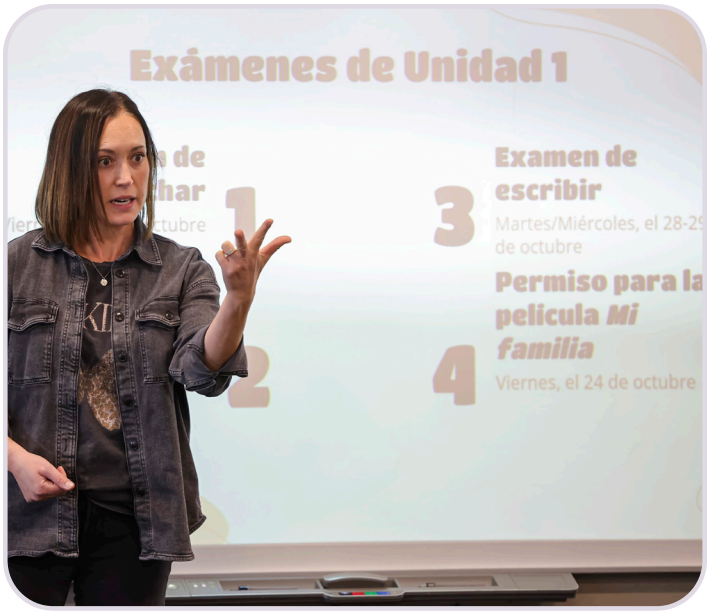
Prerequisite: Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

TPI ESL Academic Support is a support course that accompanies ESL English classes and designed to meet the needs of students who are new to English and the US educational system and who speak a language other than English or Spanish. The course has three main focuses: support students in completing their grade-level course work, teach executive functioning and self-efficacy skills, and help students understand and navigate the US school system. Students will receive individualized instruction and be placed in flexible groups that are structured to meet their individual needs. Skill and strategy instruction will foster independence in literacy learning that is transferable to content-area classes.

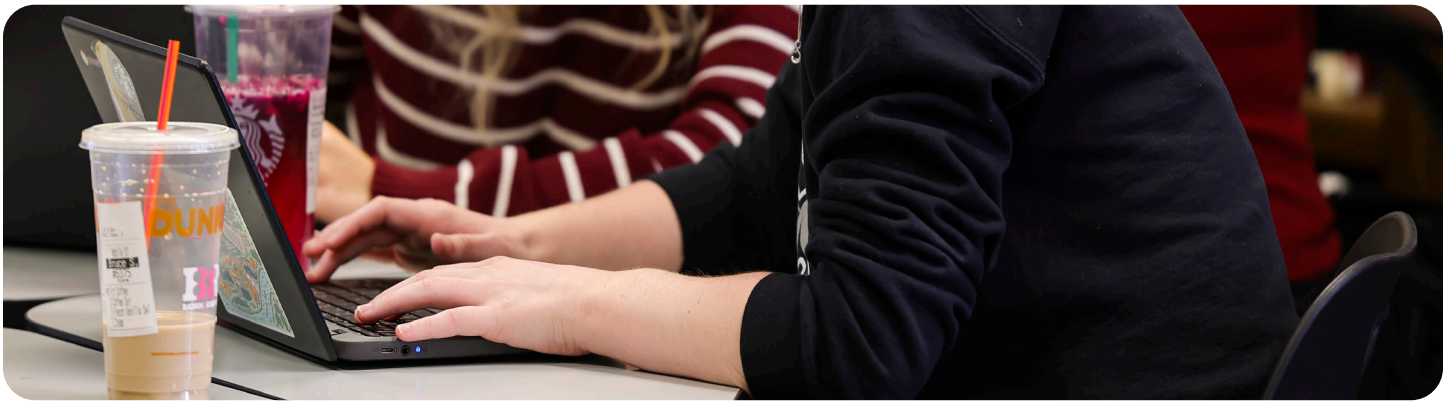
ESL ACADEMIC SUPPORT

Prerequisite: Department recommendation
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

ESL Academic Support is a support course that accompanies ESL English classes. The course has three main focuses: support students in completing their grade-level course work, teach executive functioning and self-efficacy skills, and help students understand and navigate the US school system. Students will receive individualized instruction and be placed in flexible groups that are structured to meet their individual needs. Skill and strategy instruction will foster independence in literacy learning that is transferable to content-area classes.







FINE ARTS AND PHYSICAL WELLNESS

PHYSICAL EDUCATION

The Physical Wellness Department seeks to inspire and empower students to cultivate lifelong habits of physical fitness, health, and emotional well-being. We are committed to providing a dynamic and inclusive learning environment that fosters personal growth, teamwork, and the development of healthy decision-making and essential life skills.

PHYSICAL WELLNESS INFORMATION

1. Freshmen will be required to complete Freshman Health and Freshman PE or Strength 1 course. This will count as their high school health requirements.
2. Sophomores will be assigned 2 semesters of PE each year as mandated by state law. A student enrolled in both phases of Driver Education will earn 1 semester of PE credit.
3. Juniors and Seniors will be assigned 2 semesters of PE each year as mandated by state law.
4. All students will be expected to have a PE t-shirt and a PE lock. PE t-shirts can be purchased from the Mustang Spirit Store at the high school for a reasonable cost.
5. All Physical Wellness courses count toward GPA and honor roll.
6. All Physical Wellness courses may utilize the aquatic center during the semester and heart rate monitors each week.
7. Students may apply for a Physical Education waiver due to one of the following reasons:
8. Medical: The Medical Waiver requires a doctor's statement, which includes limitations and specific dates for the waiver. Students who waiver from PE and are in a PE and will miss more than 37 days of the semester will receive a "P" (passing grade) and 0.5 credit that will not count toward GPA. Students who waiver from the first part of the semester and return for more than 38 days of the class will receive a letter grade and 0.5 credit toward GPA. IF A PHYSICAL EDUCATION STUDENT IS ALSO A STUDENT ATHLETE, ANY MEDICAL RESTRICTIONS IN PHYSICAL EDUCATION WILL ALSO AFFECT THEIR ATHLETIC PARTICIPATION.
9. Athletic: Students who are participating in a MHS athletic program may waive Physical Education only during the season in which they participate. Students who drop from the sport or elect not to participate, unless for medical reasons, will be re-enrolled in the Physical Education class. The regular course change policy will be in effect for all requests. Students who elect this plan will receive a "P" (passing grade) and 0.5 credit that will not count toward GPA.

PHYSICAL WELLNESS ATHLETIC EXEMPTION POLICY

Students in grades 9-12 may request an athletic exemption from Physical Education if they satisfy the following criteria:

- The student-athlete must obtain the Physical Wellness exemption from the counseling office. The form will be returned to the Physical Wellness Division Chair in Room A123. These signatures are required: student, coach, parent, Physical Wellness instructor, counselor, and Physical Wellness Division Chair.
    - State law prohibits a school board from honoring parental excuses based upon a student's participation in athletic training, activities, or competitions conducted outside the auspices of the School District. (BOE Policy 7:260)
- The student-athlete is enrolled in 6 academic and credit bearing courses, leaving them with 5 courses for a total 2.5 credits.
- The student athlete can only exempt out of the competition season of Varsity Cheerleading and Varsity Dance
- The student-athlete has never failed a Physical Wellness class and currently holds a "C" or better
- A student-athlete will be placed in a study hall during the season and will be re-enrolled in his/her physical education class at the end of the regular season.

STUDENT/ATHLETE INFORMATION

The following procedure must be completed by the student. No action will be taken until all steps and signatures have been fulfilled: **THIS IS DUE NO LATER THAN 5 SCHOOL DAYS AFTER THE IHSA OPENING DAY OF THEIR SEASON**.

- The student-athlete must obtain the Physical Wellness exemption form from the counseling office. The form will be returned to the Physical Wellness Division Chair (Located in A123) in order to complete the process. **Signatures required (in order)**: Student, Coach, Parent, Physical Wellness instructor, counselor, and Physical Wellness Division Chair.
- The student/parent must sign the form indicating they understand the rules and regulations of the Athletic Exemption Privilege and the consequences of failing to abide by any part of the regulations.
- Each request will be processed on an individual basis. The request does not guarantee approval. Students will be notified by their Physical Wellness teacher or Division Chair if the waiver was approved. Students should continue to go to class until this approval is communicated.
- The winter athlete must report to their Physical Wellness class at the start of the second semester. They will be exempt beginning the following day.
- If the student is exempt for the entire semester, a grade of "P" will be placed as the semester grade. If the student misses more than 9 weeks of the semester, a grade of "P" will be placed as the semester grade. If a student waives less than 9 weeks, an academic grade will be provided.
- Students are required to be back in class **the day after their last competition**.
- If a student leaves the sport for any reason (resigning, failure to participate, involuntary exit), they are required to report back to class on the day of their exit from the sport. Coaches will notify the Physical Wellness Division Chair upon any unexpected exits.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Health	0.5	9	None
Freshman PE	0.5	9	None
Sports and Fitness	0.5	10-12	None
Lifetime Activities	0.5	10-12	None
Walking for Fitness	0.5	10-12	None
Strength 1	0.5	9-12	None
Strength 2	0.5	9-12	1 Semester of Strength 1
Strength 3	0.5	10-12	1 semesters of Strength 2
Strength 4	1.0	11-12	1 semesters of Strength 3
Early Bird Strength 2	0.5	10-12	1 Semester of Strength 1
Early Bird Strength 3	0.5	10-12	1 semesters of Strength 2
Driver Education	0.5	10-12	Course placement is by birth date

HEALTH

Prerequisite: None
Open to: Grade 9
Length: 1 semester
Credits: 0.5
This course provides a comprehensive overview of health and wellness. The impact of lifestyle choices on all aspects of personal health are discussed including physical, mental, emotional, social, and environmental factors. The course will explore topics related to nutrition, physical fitness, stress management, disease prevention, substance abuse, and healthy relationships. Students will also receive information and skills necessary for making informed and healthful decisions to promote wellness with an emphasis on decision making.

FRESHMAN PE

Prerequisite: None
Open to: Grade 9
Length: 1 semester
Credits: 0.5
This course will provide an introduction to physical fitness concepts, along with safety techniques and exposure to a variety of physical fitness apparatus to provide lifelong knowledge. Students will learn sports related activities in individual and group settings. The students will participate in activities such as but not limited to: tennis, badminton, volleyball, basketball, soccer, and floor hockey. Students will learn and have the opportunity to receive CPR/AED certification. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.

SPORTS AND FITNESS

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Sports and Fitness is designed for the student that enjoys sports and fitness related activities in individual and group settings. The students will participate in activities such as: tennis, badminton, volleyball, basketball, soccer, and floor hockey. The students will also participate in fitness activities such as circuit training, spin classes, running, and swimming. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.

LIFETIME ACTIVITIES

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

This course offers lifelong activities that students can continue to benefit their overall health for the rest of their lives. Students will have the opportunity to experience popular individual and dual sports,aquatics, leisure activities, and lifelong fitness activities. These activities may include; badminton, pickleball, frisbee golf, archery, hiking, backyard barbeque games and heart rate tracking. A Mundelein High School Physical Education shirt is required.

WALKING FOR FITNESS

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

Walking for Fitness is designed to promote physical fitness, mental health, nutrition, safety and overall well-being among students through the simple yet powerful practice of low impact fitness activities such as walking. Walking anatomy and physiology will be introduced and analyzed to support goal setting and understand physiological changes that can occur with proper form. A fitness tracking and nutrition portfolio will be created to track and monitor individual student progress. The class will take place primarily outside depending on weather. In an event of extreme weather the class will take place indoors, where other cardiovascular aerobic activities may take place. Students will need proper clothing for changing weather conditions. *This course can be repeated for credit.*



STRENGTH 1

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Athletic exemptions not permitted.
This class is designed to introduce students to the world of strength training. Students will be taught basic strength training concepts and techniques, with an emphasis on learning correct movement patterns. Learning how to perform each exercise and movement safely and effectively will be the priority. Students will learn about each of the ten fitness domains (endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy), and how they can be utilized to improve physical fitness.

The class is designed for universal scalability, making it the perfect application for any student regardless of athletic experience or ability level. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.



STRENGTH 2

Prerequisite: 1 Semester of Strength 1
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Athletic exemptions not permitted.
This class is designed for the dedicated student who wants to continue building their knowledge of strength training. This class will now attempt to optimize their physical competence in the ten fitness domains (endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy) they learned in Strength 1. The class is designed for universal scalability, making it the perfect application for any committed student regardless of athletic experience or ability level. Students will continue learning basic strength training concepts and techniques, as well as learn new power and olympic lifts. Other fitness concepts will be discussed, that includes, but is not limited to plyometrics, speed and agility drills, and interval training. Aquatic activities may be used. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.

STRENGTH 3

Prerequisite: 1 Semester of Strength 2
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Athletic exemptions not permitted. Early bird strength 2, you can removed No transportation provided because we have it at the bottom of that paragraph
This class is designed for the student that is also competing in athletics. This Strength class is designed to provide an opportunity for athletes to participate in a structured strength and athletic enhancement program. Every athlete, no matter their sport, will follow a similar program. There will be differentiation between In-Season and Off-Season athletes. Movements are the same for each, difference is with intensity (weight) and volume (# of reps).
Other fitness concepts will be discussed, that includes, but is not limited to plyometrics, speed and agility drills, and interval training. Aquatic activities may be used. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.

EARLY BIRD STRENGTH 2

Prerequisite: 1 Semester of Strength 1
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Athletic exemptions not permitted.
This class is designed for the dedicated student who wants to continue building their knowledge of strength training. This class will now attempt to optimize their physical competence in the ten fitness domains (endurance, stamina, strength, flexibility, power, speed, coordination, agility, balance, and accuracy) they learned in Strength 1. The class is designed for universal scalability, making it the perfect application for any committed student regardless of athletic experience or ability level. Students will continue learning basic strength training concepts and techniques, as well as learn new power and olympic lifts.
Other fitness concepts will be discussed, that includes, but is not limited to plyometrics, speed and agility drills, and interval training. Aquatic activities may be used. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.
Students must provide their own transportation.



EARLY BIRD STRENGTH 3

Prerequisite: 1 Semester of Strength 2
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

This Strength class is designed to provide an opportunity for athletes to participate in a structured strength and athletic enhancement program. Every athlete, no matter their sport, will follow a similar program. There will be differentiation between In-Season and Off-Season athletes. Movements are the same for each, difference is with intensity (weight) and volume (# of reps).

Other fitness concepts will be discussed, that includes, but is not limited to plyometrics, speed and agility drills, and interval training. Aquatic activities may be used. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required. *Students must provide their own transportation.*

STRENGTH 4

Prerequisite: 1 semester of Strength 3
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0

Athletic exemptions not permitted.

This course is designed for students to explore the world of strength training to determine which path is most beneficial for them now, as well as when they are adults. Students will learn the similarities and differences between a variety of different training styles. Bodybuilding, Powerlifting, Olympic lifting, CrossFit, and Sport Specific Training are just a few that will be covered. Students will create an individualized training program based on the training styles. Aquatic activities may be used. The weekly course schedule will change daily. Students will be assessed with a muscular strength and aerobic capacity growth model. Students will perform fitness testing at the beginning and end of the semester. A Mundelein High School Physical Education shirt is required.

PE ADAPTIVE

Prerequisite: Department recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

The Adaptive Physical Education program mirrors the other physical education classes, with the same standards and objectives. The teacher makes adjustments to meet the needs and abilities of the students. Adaptations ensure safe, respectful, and beneficial participation for all students. A Mundelein High School Physical Education shirt is required.





DRIVER EDUCATION

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Note: A course fee of $350 and $20 for an instructional permit are required. The $350 course fee will be waived if there is a current (dated July/August 2026) MHS fee waiver on file.

The $20 instructional permit fee is paid to the Illinois Secretary of State and cannot be waived.

All fees and fines must be paid before the student receives a permit.

Driver Education is a two phase course that emphasizes a philosophy of safety and collision prevention and practical application of driving skills. Each student will receive a minimum of 30 hours of classroom instruction; and 6 hours of behind-the-wheel instruction to meet state requirements. Students are required to participate in both phases of the course and have met the financial obligation by the end of the first week of the semester that they are enrolled in.

Students must have a passing grade in 8 classes of the previous 2 semesters in order to enroll in Driver Education.



MUSIC

Music education cultivates artistic literacy, aesthetic sensitivity, and a lifelong passion for active musical involvement. Student performers who are held to high standards of musicianship learn to view the concert stage as both a gallery for profound artistic expression and a collaborative workspace. In this context, performance is both an end in itself and a means to other ends, including:

- The knowledge and understanding of the structural elements of music and of music as a creative art form;
- The cultivation of habits, attitudes, and appreciations; and

- The development of each student's aesthetic potential, sensitivity, and responsiveness to what is beautiful in music.

Through this balanced approach, students in MHS music classes develop the rigorous technical discipline, emotional maturity, and cultural awareness required to thrive as performers and informed patrons of the arts.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Beginning Guitar	0.5	9-12	None
Intermediate Guitar	0.5	9-12	Beginning Guitar or department recommendation
Concert Band	1.0	9-12	None
Symphonic Band	1.0	10-12	None
Honors Symphonic Winds	1.0	9-12	Audition
Honors Wind Ensemble	1.0	9-12	Audition
Honors Jazz Ensemble	1.0	9-12	Enrollment in HWE/HSW/SB/CB and Audition
Jazz Orchestra	1.0	9-12	Enrollment in HWE/HSW/SB/CB and Audition
Jazz Workshop	0.5	9-12	Enrollment in HWE/HSW/SB/CB and department recommendation
Bella Voce	1.0	9-12	None
Honors Concert Choir	1.0	9-12	Audition
Honors Master Singers	1.0	9-12	Audition
Reverb	1.0	9-12	Audition and enrollment in a concert ensemble
Mundelein Sound	1.0	9-12	Audition and enrollment in a concert ensemble
Dual Credit Music Appreciation	.5	9-12	This course runs alternating years: 27-28 and 29-30 school years
AP Music Theory	1.0	10-12	This course runs alternating years: 28-29 and 30-31 school years

BEGINNING GUITAR

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Beginning Guitar is designed to introduce the basic techniques and musical skills required to perform on guitar in several styles. Students will learn basic chords, strumming patterns, and melodies via music notation.

DUAL CREDIT MUSIC APPRECIATION

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: .5
This course is designed to acquaint students with the elements of music and the primary musical periods of traditional Western European Classical Music. Students will have a brief overview of the major composers and their music through class discussions, listening to musical examples, attending concerts, and completing class presentations based on historical musical content.

CONCERT BAND

Prerequisite: None
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Concert Band is the entry-level band designed to build on the fundamental instrumental skills covered in middle school bands. Students perform wind and percussion literature of an intermediate difficulty level in a standard concert band setting.

INTERMEDIATE GUITAR

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Intermediate Guitar is designed to further develop the basic techniques and reading skills required to perform on guitar in several styles. Students will begin thorough and focused study of scale patterns, movable chord shapes, and improvisation techniques.

SYMPHONIC BAND

Prerequisite: None
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
Symphonic Band is the intermediate level band designed to further develop skills in ensemble performance beyond what is covered in Concert Band. This ensemble performs literature of a moderated to advanced difficulty level.



INSTRUMENTAL ENSEMBLES

All students interested in participating in an instrumental ensemble should register for Band and/or Jazz Band and the counselor and Band Directors will place them in the appropriate group. All instrumental ensembles give regular performances.

- Marching Band will run first semester for all students in Concert Band, Symphonic Band, Honors Symphonic Winds, and Honors Wind Ensemble. Students enrolled in band will be waived from PE for the entire year.
- Required performances occur outside of the school day and include concerts, music festivals, football games, and pep band games.
- Summer Marching Band Camp is required for participation in all bands. Students participating in percussion and color guard will have additional required summer camp.

HONORS SYMPHONIC WINDS

Prerequisite: Audition
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Honors Symphonic Winds is the advanced band designed to further develop skills in ensemble performance. This ensemble performs literature of an advanced difficulty level. Solo/Ensemble festival participation is required for this course. Honors credit is given for this course. Auditions for Honors-level bands are held during February for the following year. Audition information can be found at www.mundeleinband.org.

HONORS WIND ENSEMBLE

Prerequisite: Audition
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Honors Wind Ensemble is the elite band designed to refine instrumental music skills through performance. This ensemble performs literature at a college and professional level. Solo/Ensemble festival participation is required for this course. Honors credit is given for this course. Auditions for Honors-level bands are held during February for the following year. Audition information can be found at www.mundeleinband.org.

HONORS JAZZ ENSEMBLE

Prerequisite: Enrollment in a concert band and Audition
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Honors Jazz Ensemble is the elite jazz band designed to refine instrumental music skills through performance. This ensemble performs literature at a college and professional level.

BELLA VOCE

Prerequisite: None (co-ed)
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Bella Voce is for the foundational level choral student at Mundelein High School. It is a beginning level co-ed ensemble, and students must participate in one year of Bella Voce in order to move on to another choral ensemble, unless they place out of Bella Voce due to their audition and placement exam. Students do not need to have prior knowledge of singing to participate. Three and four part literature, the basics of music theory and sight-singing, as well as the foundations of vocal technique are explored. Students perform at all four choral concerts during the school year as well as other performances as described in the choral syllabus.

JAZZ ORCHESTRA

Prerequisite: Enrollment in a concert band and Audition
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

Jazz Orchestra is the advanced jazz band designed to further develop skills in ensemble performance. This ensemble performs jazz literature of an advanced difficulty level.



CHORAL ENSEMBLES

If you enjoy singing, consider the choral musical opportunities at MHS. No prior music experience is necessary. All interested students should register for choir, and the counselor and Choral Director will place them in the appropriate group. All choirs perform.

Students enrolled in show choir will be waived from P.E. for the entire school year.

Auditions for all choirs except Bella Voce are held in February and March. Please visit the choir website for information: https://www.d120.org/activities/performing-arts/choir/

JAZZ WORKSHOP

Prerequisite: Enrollment in a concert band or department recommendation
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
Jazz Workshop is our intermediate jazz band designed to further develop skills in jazz performance. This ensemble performs jazz literature of an intermediate difficulty level.

HONORS CONCERT CHOIR

Prerequisite: Audition (co-ed)
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Honors Concert Choir is for the intermediate to advanced male or female student who has participated in one year of Chorale, or who has been placed into this ensemble based on their audition and placement exam. Students in Concert Choir will study intermediate to advanced mixed voice literature, vocal technique, music theory, and sight singing. Students sing at all choral concerts during the year as well as graduation and community events as requested. In addition, Concert Choir has a special off-site annual concert with Master Singers in the Spring.

HONORS MASTER SINGERS

Prerequisite: Audition (co-ed)
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Honors Master Singers is for the most advanced male or female choral student. Students will study advanced vocal technique, music theory and literature. Students sing at all choral concerts during the year as well as graduation, Senior Honors Night, and community events as requested. In addition, Master Singers has a special off-site annual concert with the Honors Concert Choir in the Spring.

AP MUSIC THEORY

Prerequisite: Department Recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
Students must have faculty recommendation and approval to be enrolled in this course. They must also be able to fluidly read music notation and rhythms to enroll in this course. The study of music theory includes the study of melody, harmony,rhythm, ear training and analysis and music history. Students will learn to compose original music, as well as analyze compositions from a variety of musical styles.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.

REVERB

Prerequisite: Audition; Enrollment in a Concert Ensemble (Band or Choir)
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Reverb is the prep show choir of MHS. It is an auditioned group of singers who are enrolled in a concert ensemble (choir or band) another period of the day, or have been placed in this group at the directors' discretion. Students in show choir study pop and Broadway music that is then choreographed and performed at competitions around the Midwest from January through March. Besides their daily rehearsals, students in Reverb also rehearse outside of the school day occasionally and on some Saturdays throughout the year. This class fulfills the PE requirement for the year. There is a fee associated with this class.

MUNDELEIN SOUND

Prerequisite: Audition; Enrollment in a Concert Ensemble (Band or Choir)
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Sound is the award winning varsity show choir of MHS. It is an auditioned group of singers who are enrolled in a concert ensemble (choir or band) another period of the day, or have been placed in this group at the directors' discretion. Students in show choir study pop and Broadway music that is then choreographed and performed at competitions around the Midwest from January through March. Besides their daily rehearsals, students in Sound also rehearse outside of the school day occasionally and on some Saturdays throughout the year. This class fulfills the PE requirement for the year. There is a fee associated with this class.

ART

The Mundelein Art Department believes that art is an important part of a well-rounded humanities education. Mundelein art classes provide individualized learning experiences for students through hands-on projects that promote the understanding of techniques and materials. Art curriculum provides an understanding and appreciation of past and contemporary visual culture and promotes reflection and dialog in visual art.

ART 2-D

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Graphic Design Pathway Course.
Art 2-D students will explore and learn the basic concepts in 2-Dimensional art. Students will employ the elements and principles of art and design through a sequential arrangement of lessons. Students will use a variety of media techniques and processes in drawing, painting, graphic design, and product design.

ART 3-D

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Graphic Design Pathway Course.
Art 3-D students will explore and learn the basic concepts in 3-Dimensional art. Students will employ the elements and principles of art and design through a sequential arrangement of lessons. Students will use a variety of media techniques and processes, and product design.

DIGITAL PHOTO/DESIGN 1

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Journalism Media Pathway Course.
In Digital Photo/Design 1, students will be introduced to black and white, and color photography. Students will explore personal imagery and digital imaging manipulation through the use of Photoshop. Students will employ the elements and principles of art and design through a sequential arrangement of lessons. The class will stress composition, lighting, camera use, photo editing and other related processes.

DRAWING/PAINTING 1

Prerequisite: Art 2D or Art 3D
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This course follows a sequential arrangement of units that encourages students to improve in their observational drawing skills, stylized mark-making, value, and color theory. the drawing units provide a solid structure for learning to manipulate various painting media such as acrylics and water colors. Each unit focuses on applicable elements and principles along with specific unit-related vocabulary. Students are encouraged to search for individual approaches to techniques and applications and develop their artistic voice.



GRAPHIC DESIGN 1

Prerequisite: Art 2D and/or Digital Photo/Design 1
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5
This is a Broadcast Media & Graphic Design Pathway Course.
Graphic Design I explores digital art & design and visual communication. Students will use the design process and industry standard software such as Adobe Photoshop and Adobe Illustrator to create 2-D images. This course familiarizes the student with current methods, techniques, and technology employed in the field of advertising to develop a student portfolio. Projects may include posters, logos, patterns, digital imaging, digital painting, digital collage, and typography.

HONORS DRAWING/PAINTING STUDIO

Prerequisite: Drawing/Painting 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
This course encourages students to approach different subject matters and 2D techniques in a way that builds their artistic voice and prepares them for AP Studio Art. Students will employ the elements and principles of art and design through sequential units focused on strengthening concepts and ideas. Students will explore composition, mark-making, painting techniques, and multimedia applications.

DIGITAL PHOTO/DESIGN STUDIO

Prerequisite: Digital Photo Design 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
May be repeated for HONORS CREDIT.
In Digital Photo/Design Studio, students will continue to explore Photoshop and personal imagery and artistic voice through the use of photography. Students will be introduced to Adobe Illustrator and graphic design. Students will employ the elements and principles of art and design through a sequential arrangement of lessons that prepares them for AP Studio Art. Students will explore composition, lighting, camera use, photo editing, digital illustration, graphic design, and digital imagery.

CERAMICS/SCULPTURE STUDIO

Prerequisite: Art 2D and/or Art 3D
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
May be repeated for HONORS CREDIT.
In Ceramics/Sculpture Studio, students are encouraged to search for personal approaches and solutions to creating a visual statement and explore new approaches in design, ceramics, and sculpture. Students will create artwork infused with their own artistic voice and concepts that will prepare them for AP Studio Art.

METALS/JEWELRY STUDIO

Prerequisite: Art 2D and/or Art 3D
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
May be repeated for HONORS CREDIT.
In this course students will continue to develop their skills in 3-Dimensional metal sculpting and jewelry fabrication. Students are encouraged to find unique approaches to techniques and develop a stronger understanding of their artistic voice through the use of the elements and principles of art and design. Students will also be exposed to advanced methods of working with a variety of metals and encouraged to think of multimedia applications. This class will prepare students for AP Studio Art.



HONORS GRAPHIC DESIGN STUDIO

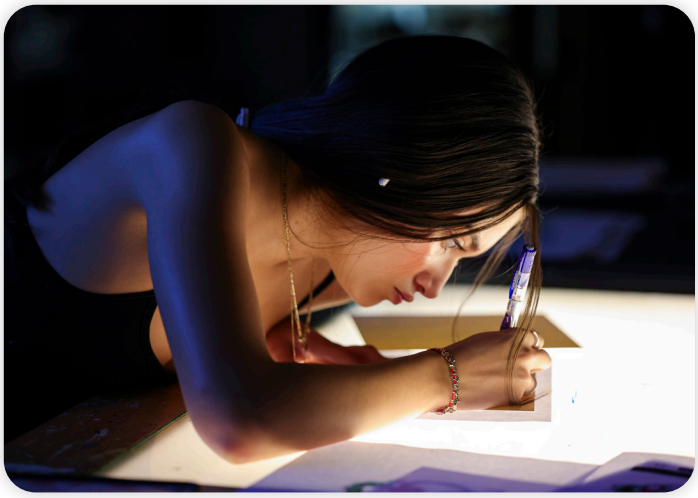
Prerequisite: Graphic Design 1
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0
May be repeated for HONORS CREDIT.
This is a Graphic Design Pathway Course.
In Graphic Design Studio, students will build upon skills learned in GD1 to explore visual communication and artistic voice through the use of design. Students will learn advanced skills within industry standard software, Adobe Photoshop and Adobe Illustrator. The sequencing of lessons and portfolio development in this course will prepare students for AP Studio Art and offer exposure to graphic design-related careers. Students will study the relationship between products, services, and benefits to potential markets, including such topics as branding, packaging, identity development, and self-promotion, through 2D design work.

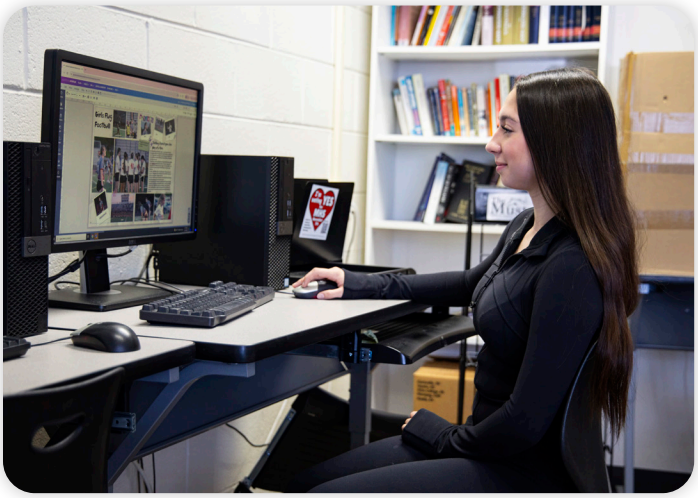
AP STUDIO ART

Prerequisite: Any Studio Level Art Class
Open to: Grades 11-12
Length: 2 semesters
Credits: 1.0
In AP Studio Art, students will use techniques and skills developed in the Studio course (**Drawing/ Painting, Metals/Jewelry, Digital Photo,** and **Ceramics/Sculpture**) to create a body of work for their AP Portfolio. Students will work to develop a cohesive college-level series of work that interprets a major idea or concept while expressing technical ability.

It is highly recommended that all students in an Advanced Placement course take the Advanced Placement Exam offered each May by the College Board.









THEATER

Onstage, backstage, or in the classroom, Mundelein Theatre has a place for everyone. The theatre classes are designed for students who plan on pursuing theatre in college and beyond, as well as students who just wish to build important skills in communication, collaboration, and creativity. *Introduction to Theatre* begins the journey. From there, students can take *Beginning Acting* and/or Technical Theatre. *Theatre Studio* is a year-long advanced acting class for those who wish to further refine their skills. The skills built in theatre classes give the student a distinct advantage when it comes to casting and crew assignments for Mundelein Theatre.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Introduction to Theatre	0.5	9-12	None
Technical Theatre	0.5	9-12	Introduction to Theatre
Beginning Acting	0.5	9-12	Introduction to Theatre
Honors Theatre Studio	1.0	10-12	Beginning Acting or department recommendation

INTRODUCTION TO THEATRE

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Introduction to Theatre gives the students an opportunity to learn about the exciting world of theatre. They learn how a theatre operates and how a play is produced. The students will learn performance techniques using ensemble-building activities, as well as the opportunity to read a play together. The class will attend each Mundelein Theatre production and watch several recorded shows. This is the entry level class for all other theatre classes.

TECHNICAL THEATRE

Prerequisite: Introduction to Theatre
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Technical Theatre introduces students to the basic elements of theatre production and design. Students will learn the ins and outs of set building, scene painting, lighting, sound, costumes, props, and more. Students will put their knowledge into practice as they work in class on each Mundelein Theatre production. The class will attend each Mundelein Theatre production and watch several recorded shows. This class is repeatable.

BEGINNING ACTING

Prerequisite: Introduction to Theatre
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

Beginning Acting is the first of our performance classes, designed for those who have a serious interest in developing their acting skills, as well as those looking to build their confidence and have some fun. The class uses modern plays to help the students build honest, believable characters. Techniques include character development, script analysis, and voice and body training. The class will attend each Mundelein Theatre production and watch a recorded show.

HONORS THEATRE STUDIO

Prerequisite: Beginning Acting or department recommendation
Open to: Grades 11-12
(10th grade with department recommendation)
Length: 2 semesters
Credits: 1.0

Honors Theatre Studio is an advanced acting class that builds on the skills and techniques learned in Beginning Acting. This class is a must for anyone considering participating in college theatre but is also appropriate for those who want to continue building their confidence and having some fun. Audition technique and monologue study in the first semester, and scene study in the second semester. Additionally, a history of the American Musical Theatre is studied throughout the year. Completion of Beginning Acting or teacher permission is required for this class. The class will attend each Mundelein Theatre production. This class is repeatable.









COUNSELING AND CAREERS

COURSE	CREDIT	OPEN TO	PREREQUISITE
Culinary 1	0.5	10-12	None
Clothing	0.5	9-12	None
Child Development	0.5	10-12	None
Dual Credit - ASPIRE Child Development for Educators	0.5	10-12	None
Dual Credit - ASPIRE Introduction to Teaching	0.5	10-12	None
Dual Credit Student Internship	0.5	12	None

CULINARY 1

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

Culinary 1 introduces students to foundational culinary skills and professional kitchen practices through hands-on cooking, baking, and pastry labs. Students develop skills in food safety and sanitation, knife handling, equipment use, measuring, recipe interpretation, and food preparation. Labs emphasize industry standards for kithen organization, teamwork, time management, and product quality. Students apply nutrition principles, while preparing a variety of recipesand evaluating their finished products. This course builds confidence in the kitchen and provides a foundation for advanced culinary coursework and careers in the culinary industry.

CLOTHING

Prerequisite: None
Open to: Grades 9-12
Length: 1 semester
Credits: 0.5

In Clothing, students will investigate the basics of fashion, design and sewing techniques. Fashion studies include an overview of the historical influence on current clothing styles; the effect of the principles of design on personal appearance, and the impact of the global fashion industry on personal clothing choices. Emphasis will be placed on the basic machine and hand sewing skills necessary to design and complete required fashion construction projects.





CHILD DEVELOPMENT

Prerequisite: None
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5

This is an ASPIRE Education Pathway Course.
Child Development explores how children grow and learn from prenatal development through early childhood. Students examine physical, cognitive, social and emotional development while applying developmental theories to everyday situations. Through hands-on projects, collaborative activities, and an infant care simulation, students explore positive guidance and the importance of safe, supportive environments. This course builds skills in communication, problem-solving and understanding others while introducing careers in education and human service.

DUAL CREDIT - ASPIRE - INTRODUCTION TO TEACHING

Prerequisite: Assessed for College Reading and Writing Readiness according to CLC standards
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Dual-Credit Opportunity
3 Credit Hours at CLC in EDU 121 Introduction to Teaching

This is an ASPIRE Education Pathway Course.
This course provides the prospective teacher with an introduction to teaching in United States school systems. Other topics included are history and philosophy of education, school organization and governance, ethical and legal issues, the nature of teaching, curriculum, the social context, diversity, professional leadership, and current issues.
Course also includes observation experience at local preschools and/or elementary schools.
To be eligible for dual credit, students would need one of the following:

- Top ⅓ of class
- 3.0 (unweighted GPA) after at least 3 semesters
- 470 or greater on SAT in Evidence Based Reading and Writing (EBRW)
- 470 or greater on PSAT
- 17 or greater on ACT in Reading & Writing
- CLC English Placement Test or *Directed Self Placement

DUAL CREDIT - ASPIRE - CHILD DEVELOPMENT FOR EDUCATORS

Prerequisite: Assessed for College Reading and Writing Readiness according to CLC standards
Open to: Grades 10-12
Length: 1 semester
Credits: 0.5
Dual-Credit Opportunity
3 Credit Hours at CLC in EDU 124 Child Development for Educators

This is an ASPIRE Education Pathway Course.
This course provides an overview of the theory and principles of human growth and development from conception through adolescence. Content includes an in-depth study of the inter-relatedness of physical, cognitive, social and emotional aspects of development. Development is studied in the context of family, gender, culture, language, ability, socioeconomics, diversity, and society. Special emphasis will be on the theories of Piaget, Vygotsky, Erikson, and Gardner with implications for applied classroom practice.

Course also includes interactive experience at local preschools and/or elementary schools.



DUAL CREDIT STUDENT INTERNSHIP

Open to: Grade 12
Length: 1 semester (may be repeated)
Credits: 1.0
Dual-Credit Opportunity
1 Credit Hour at CLC in EWE 120 Job Readiness Skills. This course is able to be repeated but students can only receive dual credit once.
***This is a capstone course for ALL Pathways.**
Mundelein High School offers internship opportunities for high school students to gain real-world experience in all 7 career pathways through this course. These semester-long, credit-bearing immersive job shadow experiences give students the chance to gain real-world, mentor-guided experience at an approved internship site. Internship activities may include, but are not limited to, observation, age- and training-appropriate tasks, and conversations with professionals about weekly course topics, such as time management, communication, and conflict resolution. Students will be required to keep a journal of observations and reflections, which will be used for a mock interview experience at the end of the semester. The internship class meets during 7th and 8th Periods daily for the first and last three weeks of the semester. In the interim, students complete modules asynchronously through LinkedIn Learning and attend lunch-and-learn check-in sessions during Weeks 6, 9, and 12.
Students will be scheduled for 6th Period lunch, as some internships require an earlier departure from school. Students are required to provide their own transportation and wear mentor-approved attire when on-site.

Students will receive a pass/fail grade through MHS and either an “A”, “C”, or “F” on their CLC transcript. Students will be onboarded to the internship program through the completion of career assessments, interest inventories, and onboarding surveys. Parents and guardians are required to claim their student’s SchooLinks account in order to complete release forms.



Career Pathway	
ASPIRE Education Pathway Early Childhood, Elementary, & Secondary Education	**Pre-Law & Legal Aides**
Dual Credit - Foundations of Development*	Business Law
Dual Credit - Introduction to Teaching*	Civil Law
AND	Criminal Law
AP Psychology	***0.5 credit or more from the following:***
OR	Speech
Child Development	Sociology
Psychology	Psychology or AP Psychology
Dual Credit - Student Internship*	**Dual Credit - Student Internship***



Lake County TECH Campus

Lake County Tech Campus Website



The Tech Campus is an extension of many area high schools for high school students to attend classes in a specific career training program. The Tech Campus is regarded as one of the best career and technical education training facilities in the Midwest with a highly qualified staff dedicated to excellence in career and technical education. With twenty-two-member high schools throughout Lake and McHenry Counties representing over 2,300 high school students, we have the largest career technical secondary educational system in the state of Illinois.

The Tech Campus experience provides an educational environment that supports and encourages individual learning styles, develops occupational skills and professionalism, promotes academic growth, and assists students in discovering their potential. In addition to high school credit, the Tech Campus partnered with the College of Lake County allows students the opportunity to earn college credit at no cost.

Classes are offered in three sessions, five days a week. Each Tech Campus program allows students to learn at their own pace through a hands-on, experiential based philosophy. Through their respective programs, students use program-specific mathematics, science reasoning, language arts, and technology in real-world applications.

MUNDELEIN HIGH SCHOOL STUDENTS: TO ATTEND TECH CAMPUS, YOU WILL NEED TO SCHEDULE AN APPOINTMENT WITH YOUR COUNSELOR.

Technology Campus Videos

- Automotive Collision Repair
- Automotive Service
- Biomedical Science
- Certified Nurse Assisting
- Computer Support Services
- Construction Skills
- Cosmetology
- Criminal Justice
- Culinary Arts
- Cybersecurity
- Early Education & Teaching
- Emergency Medical Services
- Firefighting
- Game Programming
- Laser Technology
- Law Enforcement
- Medical Assisting
- Multimedia Design
- Welding

SPECIALIZED PROGRAMS

Mundelein High School offers a continuum of courses and support to ensure that all students have access to a rigorous program of study while supporting their individual needs to ensure success. An overview of our study hall, Academic Support courses, and programs for our multilingual learners can be found on the following pages. The school has a variety of study hall options to provide students with time and support for completing work. Tutoring services are available during study halls and after school for students needing extra academic assistance. Our multi-lingual program provides specialized instruction and assessments for students whose first language is not English.

COURSE	CREDIT	OPEN TO	PREREQUISITE
Study Hall	0	9-12	None
Freshman Guided Study	1.0	9	Department Recommendation
Academic Literacy	1.0	9-10	Case manager recommendation
Academic Seminar	1.0	10	Department Recommendation
Academic Support - Math	1.0	9	Department Recommendation
Academic Support - Reading	1.0	9	Department Recommendation
AVID Elective	1.0	9-12	Selection into AVID
Credit Recovery	0	9-12	Referral by Counselor
Strategies for Learning	1.0	9-12	Case manager recommendation
Strategies for Math	1.0	9-12	Case manager recommendation
Strive Strategies & Service	1.0	9-12	Case manager recommendation



ACADEMIC LITERACY

Prerequisite: Case Manager recommendation
Open to: Grades 9-10
Length: 2 semesters
Credits: 1.0

Students will improve their literacy skills of reading, writing, speaking and listening. Vocabulary and fluency will also be addressed. Students will receive individualized instruction and be placed in flexible groups that are structured to meet specific reading needs. Reading Plus will be used for differentiated reading instruction and practice. Skill and strategy instruction will foster independence in literacy learning that is transferable to content-area classrooms.

ACADEMIC SEMINAR

Prerequisite: Department recommendation
Open to: Grades 10-12
Length: 2 semesters
Credits: 1.0

Academic Seminar is an intervention class offered to students beyond freshman year to provide support in uncovering hidden academic steps in order to access learning. Throughout the year, students will build a toolbox of academic, executive functioning, and social-emotional tools to help them be more independent learners.

ACADEMIC SUPPORT - MATH

Prerequisite: Department recommendation
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

Academic Support Math is a freshman intervention course that provides targeted mathematics and executive functioning instruction. Students will receive support on the current math topics of their course, as well as strengthening prerequisite math skills. Students will also be supported in their daily planning, homework completion, note-taking, and other executive functioning skills. This course will use Pass/Fail grading.

ACADEMIC SUPPORT - READING

Prerequisite: Department recommendation
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

Academic Support Reading is a freshman intervention course that provides targeted literacy instruction to improve students' reading, writing, vocabulary, and executive functioning skills. Students receive support on literacy-focused assignments for their other classes. Skill and strategy instruction will foster independence in literacy learning that is transferable to content area classrooms.

FRESHMAN GUIDED STUDY

Prerequisite: Department Recommendation
Open to: Grade 9
Length: 2 semesters
Credits: 1.0

Guided Study is a targeted intervention in the form of a more intensive study hall to assist students in managing their academic workload. Guided Study offers intentional support for students requiring more academic assistance, in addition to time within the school day to complete their work. Providing guidance to these students is the operative distinction from a traditional study hall.

AVID ELECTIVE

Prerequisite: Selection into Advancement Via Individual Determination program
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0

AVID stands for Advancement Via Individual Determination. Students selected into AVID take the AVID Elective throughout all four years of high school. In AVID, students learn and apply WICOR strategies: Writing, Inquiry, Collaboration, Organization, and Reading. AVID students also prepare for and participate in student-led tutorials by composing high-level questions on Costa's Levels of Questioning and using Cornell Notes. AVID students actively participate in enrichment and motivational activities that are focused on college.

CREDIT RECOVERY

Prerequisite: Referral by Counselor
Open to: Grades 9-12
Length: 1 semester (may be repeated)
Credits: Dependent on course completion
Credit Recovery is an individualized, computer interaction program that enables students to recover credits lost due to previous failures and/or transitions from other schools. Core content courses and several electives are offered through the credit recovery experience. Courses are organized around a series of modules covering specific concepts and/or skills; students must show proficiency in one module before they can proceed to the next module. Students are generally scheduled into one period of credit recovery during any given term, but may be enrolled in more by approval of the administration.

STRATEGIES FOR LEARNING 1 & 2

Prerequisite: Case Manager recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: Dependent on course completion
In Strategies For Learning, students learn and apply specific academic strategies and executive functioning strategies that students will apply and utilize in and out of the classroom. The goal is to empower students so that they will benefit independently from the instruction offered in the content classes. Students will learn to set goals, monitor their goals, and evaluate their goals weekly. In addition, students will learn organizational skills, study strategies, and will work to develop self-advocacy skills by communicating with teachers about academic progress. After taking Strategies for Learning 1, students can repeat by taking Strategies for Learning 2. Strategies for Learning 2 is pass/fail.

STRATEGIES FOR MATH

Prerequisite: Case Manager recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
In Strategies for Math, students learn and apply specific academic strategies for math and executive functioning strategies that students will apply and utilize in and out of the classroom. The goal is to empower students so that they will benefit independently from the instruction offered in the content classes. Students will learn to set goals, monitor their goals, and evaluate their goals weekly. In addition, students will learn organizational skills, study strategies, and will work to develop self-advocacy skills by communicating with teachers about academic progress.

STRIVE STRATEGIES & SERVICE

Prerequisite: Case Manager recommendation
Open to: Grades 9-12
Length: 2 semesters
Credits: 1.0
Students in this class will work with case managers, instructional assistants, social workers, and related service staff in order to build their social-emotional and executive functioning skills. Students will have a weekly social work group, create service learning projects, work towards personal goals, follow an SEL curriculum, and other projects designed to foster growth. Strategies and Service is unique to the Strive Program and directly focuses on social/emotional aspects in order for our students in the program to be able to advocate for themselves, learn more about their individual needs, and learn the skills necessary to be successful in post-secondary endeavors.
*This course can be repeated as needed.

STUDENT AMBASSADOR

Prerequisite: None
Open to: Grade 12
Length: 1 semester
Credits: 0.25
Student Ambassadors are responsible for assisting various school offices with general tasks, which may include delivering passes, escorting visitors, and giving building tours. Students must be polite, respectful, have a professional work ethic, neat appearance at all times, and a history of good attendance. This class is graded on a pass/fail basis and will not count toward GPA.



MUNDELEIN HIGH SCHOOL

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MUNDELEIN HIGH SCHOOL DISTRICT 120

1350 W. Hawley Street, Mundelein, IL 60060

https://www.d120.org/