

# LINCOLN HIGH SCHOOL

## 2021-2022 School Year

### Program of Studies

Education is a partnership between parents, students, and the school. Parents are invited to actively participate in their student's educational program. We encourage all parents to contact us with any questions or concerns they may have relative to their student's status in school. The entire staff of Lincoln High School stands ready to help students and parents in the registration process.

**Administration:** Ronald Rasmussen- Principal,  
Nicholas Sydorowicz, Steven Thayer, and Kelly Zywicki- Associate Principals

Lincoln High School's Student Services staff is available to provide special help and assistance.

#### Lincoln High School Student Services:

**Phone:** 715.424.6755

Stephanie Derringer (last names A-Da)

Jordan Brummond (last names De-Ja)

Chris Bondioli (last names Je-Mi)

Ann Felker (last names Mo-Sc)

Jenna Peterson (last names Se-Z)

Thomas Crockett (Psychologist)

Jessa Voelker (Psychologist)

Kylie Hodgson (Virtual)

**Registration For Classes:** Course selection is a process students and parents should take seriously. Parents are asked to approve all student course selections and are encouraged to contact school personnel with any questions or concerns.

#### Students . . .

- . . . are reminded that decisions made in the registration process are important and not to be taken lightly.
- . . . should make their course selections carefully and discuss them with their parents, teachers, and counselor.
- . . . when registering for classes, choices should be based on their interests, needs, career aspirations, and graduation requirements.

#### Parents . . .

- . . . should encourage students to take full advantage of the investment all of us have made in education in Wisconsin Rapids.
- . . . must approve their student's registration requests.
- . . . are reminded that careful planning now will assure a productive and beneficial education in both the short and the long term.

We wish you an enjoyable and pleasant school year.

# LINCOLN HIGH SCHOOL

**Motto:** LHS/Rapids P.R.I.D.E - **P**ersonal **R**esponsibility **I**n **D**eveloping **E**xcellence

**Mission:** To develop the skills and attributes necessary for students to achieve excellence in academics, activities, citizenship, and relationships.

**Vision:** The Lincoln High School community will create an environment that encourages all students to perform at a high level of achievement by monitoring student learning and providing feedback through assessment. We will plan, remediate, and enrich our students' learning experiences using a variety of strategies, programs, resources, **and best** instructional practices.

## **We will provide students with opportunities to:**

- evolve into respectful, responsible, and committed young adults.
- gain a vision of what careers and educational opportunities might be best for them.
- earn post-secondary credits while in high school.
- experience online and/or blended courses.
- grow proficient in using a variety of technology.

## **Collective Commitments:**

### **We promise to--**

- bring enthusiasm to the classroom.
- teach and model good values and positive behaviors.
- create supportive relationships that foster dignity and respect.
- celebrate the accomplishments of students and staff.
- promote a safe atmosphere that is conducive to thinking, sharing, and learning.
- be prepared and use class time well.
- use data analysis as a means to drive change in our practices and to use research based tools to guide needed practices.
- improve by being reflective, seeking feedback and revising our work.
- challenge ourselves.
- collaborate with others to improve our work and understanding.

## **Beliefs: We believe that--**

- each person is unique.
- learning is an essential lifelong process.
- all students will learn.
- all students will be assured of a safe environment.
- all students will collaborate.
- all students will demonstrate responsibility.
- effective teaching and learning can be achieved in a variety of ways.
- co-curricular opportunities are a valuable component of a student's high school educational experience.
- students should integrate knowledge from all disciplines and experiences to solve real world problems.
- developing critical thinking, problem-solving, and communication skills in students is critical to a student's success in school and afterwards.

## **Non-Discrimination Policy**

The Wisconsin Rapids Public School District will not deny any person admission to, participation in, or the benefits of any curricular, extra-curricular, pupil services, recreational or other program or activity because of a person's gender, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, gender identity, gender expression, or physical, mental, emotional or learning disability. Please review Board Policy 411, Wis. Stats. 118.13, and Wisc. Adm. Code PI-9 for additional information.

Discrimination complaints should be placed in writing and directed to the building principal.

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# LINCOLN HIGH SCHOOL REGISTRATION POLICIES

When choosing courses, a student's career goals, learning style, and interests should be taken into consideration. Students are encouraged to take full advantage of the many opportunities available at Lincoln High School.

Students should **SELECT COURSES CAREFULLY!** Many administrative decisions are made based on course registration, budget, class size, and teacher assignments.

1. All students grades 9-12 must register for a minimum of 6.0 credits.
2. No class offering is guaranteed. Because of limited registration enrollments and the needed approval by the Board of Education for all classes, some classes may eventually be cancelled. Students will have the opportunity to provide alternate classes to be used in this situation.
3. Students are encouraged to meet with their counselor to review their selections.
4. Students can choose which term they would like a study hall, however this request is not guaranteed. Study hall placement may be determined by course availability.

## **Once schedules are created:**

1. Students must be enrolled in 2 credits per trimester.
2. Students should be enrolled in a maximum of 7.5 credits during a traditional school year unless an extenuating circumstance is approved by administration.
3. If your schedule contains two study halls in one term and none in the others, please see your counselor **within the first 3 days** of the term to make a change.
4. If you have a two term gap in math or World Language, see your counselor within the first **3 days** of the term to attempt a schedule change.
5. Within the first **3 days** of each term, students may add a class if an opening exists during a period scheduled for a study hall.
6. Schedule changes will be considered only in specific circumstances as defined by the schedule change process. The final appeal **deadline is the 3rd day** of school after the start of classes. Complete a Schedule Correction Form in Student Services and see if your request would qualify.

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## **Withdrawal/Failure Policy**

A "W" grade indicates that a student has dropped a class after the start of the term. A class may only be dropped/changed based on the schedule change policy.

1. Students will receive a "W" grade on their transcripts if a class is dropped/changed between **days 4 and 7** of a term.
  2. After **day 7** of a term, students will receive an "F" grade on their transcripts unless there are extenuating circumstances determined by administration.
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## **Repeating a Failed or Passed Class**

A student may repeat a class he/she has previously failed or earned a D+, D, or D-. The original grade will appear on the student's transcript, however the **most recent grade** will be the grade calculated into the student's cumulative GPA.

# LINCOLN HIGH SCHOOL GRADUATION REQUIREMENTS

All students must complete a minimum of **24.0** credits, grades 9 through 12, to be certified for graduation. Credits are based on a time-in-class standard or the traditional Carnegie Unit of determination. This is a list of the minimum credits which must be earned in designated subject areas grades 9 through 12.

English.....4.0 Credits	Physical Education.....1.5 Credits
Social Studies.....3.0 Credits	Financial Literacy.....0.5 Credit
Mathematics.....3.0 Credits	Health.....0.5 Credit
Science.....3.0 Credits	IT Fundamentals I.....0.5 Credit
Electives make up the remaining 8.0 Credits	

**Specific courses within the academic areas listed above may be required for graduation.  
See each department's pages for their requirements.**

Students must pass the Wisconsin State Civics Test as part of their graduation requirements.  
(This is usually taken during the student's American Government class.)

**\*\*Financial Literacy Credit can be satisfied with any of the following courses:**

- |   |                              |
|---|------------------------------|
| *Personal Finance - No. 506             | *Financial Algebra - No. 421 |
| *Accelerated Financial Algebra- No. 422 | *On Your Own - No. 939       |
| *Principles of Economics - No. 222      | *AP Macroeconomics - No.233. |
| *AP Microeconomics- No. 234             |                              |

**\*PLEASE NOTE: All course fees must be paid in order for a student to walk at graduation.**

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## Grade Point Values

### For All Classes

A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67

## Remember This About Graduation...

All graduation requirements and student obligations (fines, detentions, etc.) must be met before a student may receive a diploma or participate in the graduation ceremony. Appeals related to requirements, graduation, or participation in the graduation ceremony are subject to review by the high school principal. Students who plan on participating in the graduation ceremony must attend the graduation practice as scheduled.

**IT IS THE STUDENT'S RESPONSIBILITY TO MAKE SURE THAT ALL GRADUATION REQUIREMENTS ARE MET.**

# EDUCATIONAL OPTIONS FOR LIFE AFTER HIGH SCHOOL

## Preparation For Technical College/Apprenticeship

Subject	Years	Courses
<b>English</b>	4	Reading, Writing
<b>Mathematics</b>	2-3	Algebra, Geometry, Algebra 2 and beyond *Some programs may require additional courses.
<b>Science</b>	2	Some programs require specific categories of science; for example, Health Science majors, 1 credit of chemistry and biology
<b>Social Studies</b>	3	Human Geography or AP Human Geography; American History, America's Voice or AP US History; and one year of other social studies.
<b>Critical Skills</b>		Career and Technical education courses throughout high school.
<b>Related Experiences</b>		Extracurricular activities, including community service and volunteering throughout high school.
If you have any questions about Wisconsin's Technical Colleges, see your counselor or visit this web site: <a href="http://Wistechcolleges.org">Wistechcolleges.org</a> .		

## Preparation For University/College

Entrance recommendations for students are printed below (see chart). These are GENERAL RECOMMENDATIONS for high school students who might want to go on to college. Additional preparation should be made for specific programs. The Student Services department can help you discover which extra courses might be helpful if you know which career area you wish to pursue or which college or university you hope to attend. For some universities the following are only minimum requirements.

Subject	Years	Courses
<b>English</b>	4	Accepted English courses stress an understanding of composition, literature and rhetoric. Significant practice in reading, writing and speaking is expected in composition and rhetoric. Several campuses require that at least 3 of the 4 credits in English include composition and literature.
<b>Mathematics</b>	3	One year in Algebra, Geometry, Algebra 2 and beyond *Some Schools require 4 years
<b>Science</b>	3	Suggested: courses in biology, chemistry, and physics
<b>Social Studies</b>	3	For up to date information please contact an admissions counselor at the campus you are interested in or check the college's website.
<b>World Languages</b>	Varies	Each campus has variations in college preparatory credit requirements for World Language. For up to date information please contact an admissions counselor at the campus you are interested in or check the college's website.
<b>Additional Critical Skills &amp; Experiences</b>		Computer skills, visual & performing arts, other academic or career and technical electives throughout high school. Minnesota system schools recommends 1 credit of Fine Arts.
<b>Recommended Related Experiences</b>		As many extracurricular activities as possible including community service and volunteering throughout high school.

If you have any questions about the requirements of the University of Wisconsin system or a specific UW campus, you are encouraged to call this toll free number: 1-800-442-6459, or see your counselor or visit this web site: [uwhelp.wisconsin.edu](http://uwhelp.wisconsin.edu). For information on Wisconsin's Private Colleges and Universities call toll free 1-800-4-DEGREE or visit this web site: [wisconsinprivatecolleges.org](http://wisconsinprivatecolleges.org).

# ADDITIONAL INFORMATION FOR STUDENTS & FAMILIES

## Attendance In School Is Extremely Important

State Statute 118.15 indicates the following: “any person having under his or her control a child who is between the ages of six and 18 must cause the child to attend school regularly until the end of the school term, quarter, or semester of the school year in which the child turns 18 years of age.”

Attendance and completion of high school is extremely important. Your attendance becomes a part of your PERMANENT record. This information will be sent out every time your transcripts are sent to colleges or employers. Make your school attendance a top priority in your life! Excellent school attendance gives you the greatest chance for academic success in the classroom. High school attendance is also one of the most important criteria employers use when hiring employees.

When a student has accumulated 10 absences in a school year, whether excused or unexcused, they are considered to be excessively absent. The state allows parents to excuse their child up to 10 days in a given school year. After the 10 days, the student will be required to provide documentation from a doctor or other health care professional, a probation officer or social worker, police officer or judge in order to be excused.

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## Skyward Family Access

Family Access is a web-based service that allows parents and authorized family of secondary students to view attendance records, schedule, assignments, report cards, and progress reports. The first thing to do is e-mail famaccess@wrps.org. Include your name, address, telephone number, student(s) name(s), indicate which school your student(s) attend, and your e-mail address. You will receive a confirmation e-mail from us with your login and password. After you receive the e-mail go to www.wrps.org, click on *For Parents* and choose *Family Access*. For further instructions or information, see your school office.

**Online Verification-** Please continue to update your family's information in Family Access at the beginning of each year and throughout the year as any changes in your address, telephone number, medical information or emergency contact information occur. You can complete your online verification in the Family Access screen under Online Enrollment Verification. For further instructions or information, see your school office.

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## Reading Intervention

Lincoln High School offers learning opportunities for students whose reading is below or above the grade-level benchmark. Students are selected for intervention or enrichment based on their achievement data and then matched to the appropriate instruction according to individual needs. Progress is monitored and instruction adjusted to ensure students are responding to the intervention/enrichment and progressing toward the academic goal. Students taking this course are awarded a pass/fail grade.

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## Math Essentials

This course is designed as a second math class for elective credit for those students needing extra remediation and support in their current math course. Students taking this course are awarded a pass/fail grade. An individual plan is set by the instructor as per each student's needs.

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## English Learners (formerly English Language Learners)

This course is intended to give students assistance with homework in all subjects. Students are expected to bring work every day. A teacher and/or instructional aides will be available to read and explain content to students. Tests may also be taken and read orally to students through this course. Students will also have multiple learning resources available to them through this course, including computers and graphing calculators.







**Students must be enrolled in the EL program to register for Study Lab.**

# 16 CAREER CLUSTERS

	<p>The production, processing, marketing, distribution, financing and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.</p>
	<p>Careers in designing, planning, managing, building and maintaining the built environment.</p>
	<p>Designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment.</p>
	<p>Business Management and Administration careers encompass planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.</p>
	<p>Planning, managing, and providing education and training services, and related learning support services.</p>
	<p>Planning services for financial and investment planning, banking, insurance, and business financial management.</p>
	<p>Executing governmental functions to include Governance; National Security; Foreign Services; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.</p>
	<p>Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.</p>
	<p>Hospitality &amp; Tourism encompasses the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services.</p>
	<p>Preparing individuals for employment in career pathways that relate to families and human needs.</p>



# 16 CAREER CLUSTERS

	<p>Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and System Integration Services.</p>
	<p>Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.</p>
	<p>Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.</p>
	<p>Planning, managing, and performing marketing activities to reach organizational objectives.</p>
	<p>Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.</p>
	<p>Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.</p>

## Career Clusters

The LHS Program of Studies incorporates the National 16 Career Clusters into its departments. Throughout this publication you will see icons relating to each of the 16 Career Clusters that have been identified: (See logos and descriptions on this page.)

Almost all career possibilities can be found within the clusters. Students at Lincoln High School are fortunate to have the opportunity to take coursework relevant to all 16 Career Clusters. Communicating career and educational goals to your school counselor, and working in Xello through the Academic and Career Planning process can aid students in choosing relevant and applied coursework designed to meet their individual educational and career goals.

**My top three Career Clusters of interest are:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

# GIFTED AND TALENTED, HONORS COURSES, ECCP/SCN, DUAL CREDIT, AND ADVANCED STANDING

## Gifted and Talented Opportunities:

- Ongoing lessons and activities within the regular classroom which provide enrichment opportunities and challenges for students.
- Classroom opportunities which emphasize critical thinking, creative thinking, and problem solving.
- Flexible pacing for students with demonstrated strengths, talents, and interests.
- Curricular choices, options and electives for students desiring more intensive study and work including honors and advanced placement classes.
- Counseling and support group services to ensure a supportive and challenging school experience.
- Individual programming options for exceptionally creative and talented students.
- Lincoln High School provides a variety of after school enrichment activities, clubs and organizations.
- Access to WRPS Gifted & Talented Educational Services Facilitator/Differentiated Educational Plan.

## What to do?

If you feel that your child or student has a specific strength, a unique talent, or a sustained interest:

- First bring up the matter with the classroom teacher and share your thoughts and feelings.
- If you still have questions or need further information, please contact the GATES Coordinator or your student's counselor.

## Lincoln Educational Alternative Program (LEAP)

LEAP, Lincoln's Educational Alternative Program, has a unique function within Lincoln High School. The purpose of LEAP is to help students who are experiencing difficulties in the regular academic setting. The curriculum attempts to deal with the reasons or academic barriers students have so that they will have a successful academic experience. Goals are to increase academic success and self-esteem while providing for continued academic support. Freshman and Sophomore students take 'Lincoln Launch' for their monitoring and support, while Juniors and Seniors take 'Lincoln Lift' for their monitoring and support. Courses are 1/2 credit per term, an elective, and are graded Pass/Fail. As a student enrollment is based on criterion as denoted from a screening tool(s), student exit from LEAP will be based on grades, attendance, discipline record, and teacher, counselor, parent/guardian approval, as documented and verified through the exit process. A LEAP department team meeting and discussion are part of the exit process.

## Early College Credit (ECCP) and Start College Now (SCN)

A student selected for ECCP may be permitted to enroll in a UW System institution; or an alternative private, non-profit institution of higher education (IHE) in Wisconsin to take one or more courses for which the student may earn high school credit, post-secondary credit, or both. Under ECCP, the costs of the courses are shared among the IHE, the school district, the state, and in some cases the student's family.

The Start College Now Program allows high school students the opportunity to take one or more courses at any Wisconsin Technical College. You are eligible if you attend a public high school and have completed 10th grade with good academic standing, met any course prerequisites, have written approval from your parent or guardian, and have no history of disciplinary problems.

See your school counselor for more information on either program.

## Dual Credit



Dual credit courses are an agreement between Lincoln High School and Mid-State Technical College. Students who are a Sophomore, Junior, or Senior have the opportunity to participate and receive both high school credit and technical college credit in specific courses. Students will have the option to enroll in dual credit at the start of their Lincoln High course. Upon successful completion of the dual credit course, students that opted in will receive an official Mid-State transcript. Students must decide at the beginning of their Lincoln High School course if they wish to sign up for dual credit; students have up until 80% of the class meetings have occurred to drop the dual credit option. No fee is required to earn dual credit. See page 11 for agreements.

## Advanced Standing (AS)



The Wisconsin Technical Colleges Advanced Standing Program (AS) enables high school students to pursue Technical College credits while taking high school classes. Agreements between Lincoln High School and Wisconsin Technical Colleges make it easy to start earning college credit while in high school. Here's how it works:

- Once you complete specific high school courses and demonstrate the class competencies by earning an "A" or "B", you will be eligible to earn Advanced Standing credit; no fee is required.
- Lincoln High School instructors, counselors, and administration are all involved in the Certificate of Advanced Standing (AS) process.
- The Advanced Standing course credit can be used to fulfill program course requirements (within the Technical College System). Advanced Standing credits will not be included in calculating your Wisconsin Technical College grade point average and will not transfer to a four-year university system.

Lincoln High School currently offers a variety of Advanced Standing and Dual Credit agreements with Mid-State Technical College. See page 11 for agreements.

# ADVANCED STANDING & DUAL CREDIT AGREEMENTS

## BETWEEN WISCONSIN RAPIDS LINCOLN HIGH SCHOOL AND MID-STATE TECHNICAL COLLEGE

Catalog #	Credits	MSTC Course	LHS Course(s)
<b>AGRIBUSINESS DIVISION</b>			
10001148	3	People, Resources & Sustainability	Natural Resources (Dual Credit)
10001111	2	Introduction to Horticulture	Introduction to Horticulture (Dual Credit)
10001199	3	Intro to Fisheries, Forestry and Wildlife Resources	Intro to Fisheries, Forestry and Wildlife Management (Dual Credit)
<b>BUSINESS DIVISION</b>			
10101111	4	Accounting I	Accounting II (Dual Credit)
10104102	3	Marketing Principles	Marketing Principles (Dual Credit)
10102101	3	Intro to Business	Starting a Small Business (Dual Credit)
10103106	3	Microsoft Office- Introduction	IT Fundamentals II (Dual Credit)
10154102	3	Hardware Essentials	A+ Computer Maintenance & Repair (Dual Credit)
10154110	3	Desktop Management	Student Help Desk (Dual Credit)
<b>GENERAL EDUCATION DIVISION</b>			
10804118	4	Intermediate Algebra with Applications	Intermediate Algebra (Dual Credit)
10809196	3	Introduction to Sociology	Sociology (Dual Credit)
10809172	3	Introduction to Diversity Studies	Introduction to Diversity Studies (Dual Credit)
10806154	4	General Physics I	General Physics 1 (Dual Credit)
10806134	4	General Chemistry	AP Chemistry (AS)
10801196	3	Oral/Interpersonal Communication	<b>One of the following:</b> Speech Communications I; Speech Communications II (AS)
10801195	3	Written Communication*	<b>One of the following:</b> English III; American Literature & Composition; American's Voice; British Literature & Composition; AP English Literature & Composition, English IV Composition (AS)
<b>SERVICE &amp; HEALTH DIVISION</b>			
10307151	3	Infant and Toddler Development	Infant and Toddler (Dual Credit)
10307148	3	Foundations of Early Childhood Education	Assistant Child Care Teacher (Dual Credit)
10307179	3	Child Development	Child Development (Dual Credit)
10546101	3	Nutrition for Healthy Living	Nutrition for Healthy Living (Dual Credit)
10501101	3	Medical Terminology	Medical Terminology (Dual Credit)
10546101	3	ECE: Health, Safety, and Nutrition	Health, Safety, and Nutrition (Dual Credit)
<b>TECHNICAL &amp; INDUSTRIAL DIVISION</b>			
10601140	2	Electricity for the Construction Trades	Advanced Electronics (Dual Credit)
10623114	1	Inventor	Computer Aided Drawing and Design (Dual Credit)
10442117	1	Welding Fundamentals 1	Welding Technology 1 (Dual Credit)
10442118	1	Introduction to Welding Fundamentals 2	Welding Technology II (Dual Credit)
32420326	2	Introduction to Turning Machines	Manufacturing (Dual Credit)
105482107	2	Construction Fundamentals	Building Construction (Dual Credit)

**Agreements are subject to change at any time. Revised 11/2020**

\*Advanced Standing for **written communications courses** is contingent upon Accuplacer or ACT scores (i.e. student must score high enough on the entrance exam AND receive a B or better grade in the corresponding high school courses.)

\*Oral/Interpersonal Communication-summer school speech **does not** meet requirements.

# CONCURRENT ENROLLMENT & EQUIVALENCY OPTIONS



## Concurrent Enrollment

Lincoln High School is pleased to be partnering with UWSP to offer concurrent enrollment course options. Successful completion of concurrent enrollment courses will result in students earning Lincoln High School credit while at the same time earning college credit on a UWSP transcript. UWSP courses offered through LHS are guaranteed to be transferable to any of the UW four-year college campuses. In addition, UWSP courses may transfer to any other higher education institution that typically accepts University of Wisconsin credits. UWSP concurrent enrollment courses are challenging, college level courses taught in high school. The benefits of taking UWSP courses in high school are numerous: students save money, students save time, students are better prepared for college, and students have the option of taking the class for high school credit only or for a combination of high school and college credit. On the other hand, students who struggle could possibly start college on academic probation.

**Any junior or senior may take UWSP concurrent enrollment courses for high school credit. If a student would like to receive UWSP transcribed, college credit for the class, s/he must complete the following steps:**

1. Register for the course at LHS.
2. Complete the UWSP application and meet the required prerequisites
3. Pay UWSP tuition rate for concurrent enrollment, which has been approximately half the cost of a typical UWSP course. Rates for the 20-21 school year were \$99/credit. Most of our UWSP classes are 3-5 credits so the cost ranges were \$297-\$495 per course.
4. Successfully complete the concurrent enrollment course.

**Keep in mind that the cost of the class and transcripts are the responsibility of the student/parent.**

LHS offers the following concurrent enrollment classes:

- College English 101 (3 credit course)
- College English 202 (3 credit course)
- Physics 101 (5 credit course)
- History 102 (3 credit course)
- World History 1500 (3 credit course)
- History 257 (3 credit course)

For up to date information about whether a concurrent enrollment course will transfer to the university of your choice please contact an admission counselor at that university and/or use the website: Transferology: <https://www.transferology.com/index.htm>

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## Equivalency Credit

The Wisconsin Department of Public Instruction (DPI) Equivalent Graduation Policy (PI 18.02) provides school districts the opportunity to expand options available to students to meet high school graduation requirements through “equivalent courses.” High School equivalent courses are those that have been determined to meet specific criteria, specifically courses which contain the time allotment and substantially the same objectives to develop the knowledge, concepts, and skills of the course for which an equivalent credit is proposed. Lincoln High School currently has five DPI approved equivalent courses.

Course Title	Academic Department	Credit Earned	Equivalency Earned In:
Large Animal Industry Science	Agriculture	0.5 Credit	Science
Small Animal Vet Science	Agriculture	0.5 Credit	Science
Principles of Engineering	Technology Education	1.0 Credit	Science
Food Science	Family & Consumer Science	0.5 Credit	Science
Business Communications	Business Education	0.5 Credit	English
Digital Electronics	Technology Education	1.0 Credit	Math

# ADVANCED PLACEMENT (AP)

**AP** The College Board’s Advanced Placement Program (AP) enables students to pursue college-level studies while still in high school. Based on their performance on rigorous AP Examinations, students can earn college credit, advanced placement, or both for college. Students who intend to apply for college admission and are willing to accept the challenge of a rigorous academic curriculum should strongly consider enrolling in at least one AP course during their sophomore, junior or senior year.

AP Exams represent the culmination of AP courses and are thus an integral part of the program. As a result, Lincoln High School fosters the expectation that students who enroll in an AP course will go on to take the corresponding AP Exam. Because the College Board is committed to providing access to AP Exams to all students, it does not require students to take an AP course prior to taking an AP Exam. However, students are highly encouraged to take a formal AP course at Lincoln High School before completing the corresponding AP exam. There will be a fee for each exam. This fee is determined by the college board.

## AP Scholar Award

The AP Program offers several AP Scholar Awards to recognize high school students who have demonstrated college-level achievement through AP courses and exams. Although there is no monetary award, in addition to receiving an award certificate, this achievement is acknowledged on any AP score report that is sent to college in the following fall.

**AP Scholar** – Granted to students who receive scores of 3 or higher on three or more AP Exams.

**AP Scholar with Honor** – Granted to students who receive an average score of at least 3.25 on all AP Exams taken, **and** scores of 3 or higher on four or more of these exams.

**AP Scholar with Distinction** – Granted to students who receive an average score of at least 3.5 on all AP Exams taken, **and** scores of 3 or higher on five or more of these exams.

**State AP Scholar** – Granted to the one male and one female student in each U.S. state and the District of Columbia with scores of 3 or higher on the greatest number of AP Exams, **and then** the highest average score (at least 3.5) on all AP Exams taken.

**AP/PLTW Scholar-** If you complete three courses in a pathway — one AP course; one PLTW course; and a third course, either AP or PLTW — and earn a score of 3 or higher on the AP Exam(s) and a score of Proficient or higher on the PLTW End of Course (EoC) assessment(s), you’ve earned the AP + PLTW student recognition for that pathway.

	DEPT/SUBJECT	9th GRADE	10 <sup>TH</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
<b>L H S  A P  C O U R S E S</b>	<b>Social Studies</b>				
	Human Geography	X			
	World History			X	X
	US History		X		
	Psychology			X	X
	Government & Politics			X	X
	Macroeconomics			X	X
	Microeconomics			X	X
	<b>English</b>				
	English Literature			X	X
	<b>Math</b>				
	Statistics			X	X
	Calculus A/B or B/C			X	X
	<b>Science</b>				
	Environmental			X	X
	Chemistry			X	X
	<b>Art</b>				
	Art History		X	X	X
	<b>Music</b>				
	Music Theory		X	X	X

# AGRICULTURE EDUCATION



## **Courses Required For Graduation From This Department: None**

FFA is a Career and Technical Organization (CTSO) open to all students and provides opportunities in leadership development, travel, work experience, and employment opportunities to students enrolled in agriculture classes. FFA activities and award programs complement instruction in Agriculture Education by giving students practical experience in the application of agricultural skills and knowledge gained in class. All agriculture students are encouraged to participate in FFA activities throughout the course of the calendar year.

### **INTRO TO AGRISCIENCE (Formerly Agriscience)**

**Course:** 780  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

Interested in projects and experiments? Intro. to Agriscience is the course for you! Study topics in agriculture including agriculture history, agriculture technology and significant crops in the USA. Biotechnology, aquaculture, and composting will also be infused in the curriculum, with hands on practice in the school's greenhouse.

### **LARGE ANIMAL INDUSTRY SCIENCE**

**Course:** 791  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

Explore the large animal industry! This course will focus units on the large animal industry including the beef and dairy cattle, swine, poultry, equine, and sheep. Throughout each unit students will learn about the following items: breeds, anatomy, feeding and management practices, products, housing, equipment, diseases and parasites. This course is designed to incorporate real life simulations, labs, and activities that will allow students the opportunity to experience first hand responsibilities and demands required to have a career in the large animal science industry.

**EC**

**This is a science equivalency course. Successful completion will count toward a third or fourth credit of science. See pages 12 for details.**

### **SMALL ANIMAL VET SCIENCE**

**Course:** 792  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This is the only class at school with cats and dogs in the classroom! Learn how to keep your pets happy, healthy, and safe with actual classroom animals. You will learn how to perform lifesaving procedures such as CPR and artificial respiration, make diagnoses, and analyze diets and nutrition. You will learn how to bandage an abrasion, stitch a wound, and address any major medical emergency. You will understand what it takes to effectively care for dogs and cats in any situation. This is an ideal class for anyone who loves caring for animals or who wants to pursue a career in a medical field. This class involves opportunities to work with live dogs and cats as well as various other species.

**EC**

**This is a science equivalency course. Successful completion will count toward a third or fourth credit of science. See pages 12 for details.**

# AGRICULTURE EDUCATION

## NATURAL RESOURCES

**Course:** 793  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

Interested in Wisconsin's natural resources? This course will revolve around the wise use of Wisconsin's natural resources. Learn about conservation practices involved with habitats, ecology, and resource management including hunting, fishing and trapping. Topics may include invasive species, pollution, climate change, renewable energy, soils, water quality, and wilderness survival! Students will have the opportunity to participate in a handful of field trips to learn about careers in natural resources.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



## INTRO TO FISH, FORESTRY, & WILDLIFE RESOURCES

**Course:** 784  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** See description  
**Fee:** \$10.00

Love the outdoors? This course will use the school forests extensively for examining and practicing the principles behind good forest and woodlot management including wildlife and habitat management. Investigate three components of this course including fish, forests, and wildlife. These components will include a taste of the following: forestry management practices, forest products, forestry equipment maintenance, fish and fisheries practices, wildlife management, and careers. Students will be given opportunities to meet guest speakers that are in the workforce of fisheries, forestry, and wildlife. Students must wear appropriate clothing for safety and the weather when out at the school forests.

With the assistance of the instructor, students will arrange for their own transportation to and from the school forest and provide applicable proof of vehicle insurance and driver's license.

Because of the inherent risk and safety concerns of this course and to better ensure the well-being of the participants in this course, any student registering for this course must meet the following course enrollment criteria:

- Student has not been subject to an excessive amount of discipline referrals for the previous school year
- Student has a desire to succeed at developing forestry management basic skills
- Student must be willing to engage in extremely focused activity operating power tools (i.e. chain saw)

After consult and review with the instructor and school administration, it shall be the advisor's prerogative to deny any student admittance to this course if they consider the student to be a detriment to the learning environment of the course and/or endangerment to the health and safety of its participants.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

## INTRODUCTION TO HORTICULTURE

**Course:** 786  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Students in this course spend most of their time in the greenhouse, learning and applying real-world skills needed to grow flowers and vegetables as well as diagnose pathogens, prevent disease, and maximize horticultural performance. Students leave the course able to manage a greenhouse, maximize plant growth, and obtain careers in a horticultural field. Students begin by exploring soil science and plant anatomy, learning how a seed becomes a full grown plant while exploring how to maximize plant performance in a garden. As winter turns to spring, students begin working outside to create gardens, plant seeds, and cultivate the growth of delicious vegetables and colorful flowers. Students will gain useful horticultural skills while learning in-depth lessons about botany and plant physiology. At the end of this course, students gain the ability to grow their own food anytime in a backyard garden. In addition, students will build and maintain a nursery, practice pruning techniques, investigate the basics of hydroponics, and learn landscaping construction skills and techniques.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



# ART



## Courses Required For Graduation From This Department: None

### INVESTIGATING ART

**Course:** 608  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This course offers introductory experiences to the many art courses offered at LHS. Students will explore ideas in clay, metals, drawing, painting, and stained glass. The elements and principles of design will be used to give students the tools they need to be strong problem solvers. Students are assisted in developing their creativity and technical skills in many areas of visual arts.

**Students will be expected to pay an additional \$5.00-\$15.00 for materials beyond the \$5.00 lab fee.**

### VIDEO ARTS

**Course:** 641  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This class will emphasize the use of video to create productions on a personal or professional level. Students will gain knowledge and understanding of Audio/Visual equipment, lighting effects, directing, and script writing skills, organization, self-expression, and creativity. Students will then explore Adobe Premiere Pro and Adobe After Effects in order to compile and edit footage, create special effects, and also work with audio and video effects and transitions that allow students to develop finished, well produced videos. **To be successful in this course, most shooting assignments are required to be completed outside of class time.**

**A \$50.00 refundable deposit will be required to check out school equipment if students don't have their own video camera.**

### COMPUTER GRAPHICS

**Course:** 643  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

The emphasis of this course is on commercial art, design, and problem solving skills. This course explores the preparation and execution of advertising art, artwork for publications, logo design, and the internet. Students will learn how to develop ideas quickly, efficiently, and with greater creativity. Computer applications in graphic design are explored using Adobe Illustrator, PhotoShop, and DreamWeaver. Previous experience in these software titles is NOT required. Students interested in marketing, the printing industry, public relations, journalism, advertising, or free-lance art are encouraged to take this course.

**A thumb or flash drive is recommended.**

### DRAWING I

**Course:** 611  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This course gives students the opportunity grow their technical skills in drawing. In this introductory class, students will have the opportunity to develop their ability to draw through observation of still-lives, nature, and portraits. Students will receive critique from each other and the teacher to help them grow in their art skills. Illustration and cartooning techniques (anime/manga) are NOT covered in this course. Various art mediums such as graphite and charcoal will be explored through technical practice and assignments. This course is designed to help students build an art portfolio highlighting their realistic drawing skills.

**Students must earn a C or better to move to Level II.**

### DRAWING II, III, IV

**Course:** 612, 613, 614  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$5.00

The advanced courses are for any student who wants to develop their skills and knowledge in the visual arts. Emphasis is on individual involvement through ideas, self expression, creativity, and design for concentrated work in drawing and printmaking. Students will also learn the basic principles of design. Each student will be expected to participate in a student art show at the end of the year. This course is a combination of required and independent study assignments. Color pencil techniques are covered in Drawing II.



# ART

## **PAINTING I**

**Course:** 616  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

This course gives you the opportunity to explore painting. In the introductory course, students will have the opportunity to develop his/her ability to draw from the real world, and learn the basic elements of design. Techniques will be offered in watercolor, acrylics, and inks. Students will study color theory, composition, and color mixing. Blending and color mixing techniques will be covered in the course.

**Students must earn a C or better to move to Level II.**

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## **PAINTING II, III, & IV**

**Course:** 617, 618, 619  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$10.00

The advanced courses are for students who want to develop their skills and knowledge in the visual arts. Emphasis is on individual involvement through ideas, self expression, creativity, and design for concentrated work in painting and canvas building. Students will learn how to use oils in the course and also learn the basic principles of design. Each student will be expected to participate in a student art show at the end of the year.

## **FIBERS I**

**Course:** 636  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Classes are sequential  
**Fee:** \$10.00

Explore fibers processes related to fabric dyeing including tie dye, batik, and silk painting. In addition, student will learn surface design techniques such as printmaking, stenciling, and mixed media. The class is based on the elements and principles of design with an emphasis on color theory and composition. Students will also develop problem solving and creative thinking skills.

**Students will be expected to pay additional fees for materials beyond the \$10.00 lab fee.**

**Students must earn a C or better to move to Level II.**

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## **FIBERS II**

**Course:** 637  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$10.00

Students will extend their learning of fibers techniques. They will learn to create 3D fabric constructions, weavings, bead mosaics, and other mixed media techniques. The class is based on the elements and principles of design with an emphasis on color theory and composition. Students will also develop problem solving and creative thinking skills.

**Students will be expected to pay additional fees for materials beyond the \$10.00 lab fee.**

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## **FIBERS III & IV**

**Course:** 638, 639  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$10.00

Fibers III and IV are based on the creative use of fibers. Emphasis is on individual problem solving through ideas, self-expression, creativity, and design for concentrated work in fibers. Projects may include a combination of fiber with other media such as clay, metal or wood. Students will work in a manner that shows their unique point of view and creative self-expression. Each student will be expected to exhibit a piece in the student art show at the end of the year.

**Students will be expected to pay additional fees for materials beyond the \$10.00 lab fee.**

# ART

## CLAY AND SCULPTURE I

**Course:** 621  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$2.00

Ceramics techniques cover a variety of handbuilding methods and wheel thrown containers. Clay and Sculpture explores processes and techniques used in sculpture and ceramic design. Sculpture materials may include wood, plaster, paper, metal, or fibers. The elements and principles of design will be covered throughout these courses.

**Students must earn a C or better to move to Level II.**

## CLAY AND SCULPTURE II, III, & IV

**Course:** 622, 623, 624  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$2.00

These three courses are based on the creative use of sculpture and ceramic techniques. Emphasis is on individual problem solving through ideas, self-expression, creativity, and design. Projects may include a combination of media such as clay, metal, fibers, glass, or wood. Students will work in a manner that shows their unique point of view.

## JEWELRY, FABRICATION, CASTING AND GLASS WORKS I

**Course:** 601  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

This course explores the process and techniques in jewelry and glass design. Glass techniques may include stained glass, mosaic, and fused glass pieces. Jewelry design includes lost wax casting, sheet metal shaping, soldering, and finishing. The class is based on the elements and principles of design with an emphasis on shape and form. Students will also develop problem solving and creative thinking skills.

**Students will be expected to pay additional fees for materials beyond the \$10.00 lab fee.**

**Students must earn a C or better to move to Level II.**

## JEWELRY FABRICATION, CASTING AND GLASS WORKS II, III, & IV

**Course:** 602, 603, 604  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in previous course  
**Fee:** \$10.00

These three courses are based on the creative use of jewelry and glass techniques. Emphasis is on individual problem solving through ideas, self-expression, creativity, and design. Projects may include a combination of media such as clay, metal, fibers, glass, stone, or wood. Students will work in a manner that shows their individual artist style.

**Students will be expected to pay additional fees for materials beyond the \$10.00 lab fee.**

## DIGITAL ART (Formerly Digital Imaging)

**Course:** 628  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This course concentrates on the creation of digital drawings, animations, paintings, and designs. Students will explore the use of the Adobe programs Photoshop and Illustrator to create various digital art. Students will learn about composition and color theory, along with how to create with a drawing pen and tablet. Experience using the programs is not required. Student interested in drawing, painting, and digital art are great candidates for this class.

**A limited number of digital cameras are available for checkout.  
A thumb or flash drive is recommended.**

# ART

## PHOTOGRAPHY I

**Course:** 631  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00.

Photography is a popular form of art. This course will concentrate on how to use a digital camera and its functions. Students will learn how to use the Adobe programs Photoshop and Lightroom to edit images. The course is a mix of straight photography and digital experimenting with images. **To be successful in this course, most shooting assignments are required to be completed outside of class time.**

**It is highly suggested that students have their own digital camera and SD memory card.**

**Classroom Digital cameras are available for a 3 day check out with a \$50 refundable deposit.**

**Students must earn a C or better to move to Level II.**

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## PHOTOGRAPHY II & III

**Course:** 632, 633  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in Photography I  
**Fee:** \$10.00

This course is a continuation in the study of straight photography techniques using film and digital cameras. Students will also explore a unit in traditional film and darkroom photography. The course will cover various creative alternative processes. Famous photographers will also be examined during the term. Students may use their own digital camera for this course. **To be successful in this course, most shooting assignments are required to be completed outside of class time.**

**Film cost \$4.50.**

**Photo paper purchase for film students ranges from \$16 to \$32.**

Classroom Digital and film cameras are available for a 3 day check out with a \$50 refundable deposit. **It is highly suggested that students have their own camera.**

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## PHOTOGRAPHY IV

**Course:** 634  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in Photography I, II and III  
**Fee:** \$5.00

Students who have taken all three levels of photography may take this independent study course. Students will be given time to create their own portfolio of work with emphasis on a theme. It is recommended that student have their own camera for this course, be it digital or 35mm. Film students will be required to purchase their own paper and flash drive. **To be successful in this course, most shooting assignments are required to be completed outside of class time.**

**Photo paper purchase for film students ranges from \$16 to \$32.00.**

Classroom Digital cameras or film cameras are available for a 3 day check out with a \$50 refundable deposit.

**It is highly suggested that students have their own camera.**

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## AP ART HISTORY

**Course:** 625, 225  
**Credit:** 1.0  
**Grade:** 11,12  
**Prerequisite:** None  
**Fee:** None

AP Art History is an introductory college course in art history which includes the study of architecture, sculpture, painting, and other art forms within societal influences in history and culture. Students will critically analyze art and history starting with ancient civilizations through the 21st century modern works. No prior exposure to art history is required, however, students who have interest in humanities, such as history, literature and art, are encouraged to enroll. **This course is team taught by a social studies teacher and an art teacher.**

**Students will receive a .5 social studies credit and a .5 art elective credit for this course.**

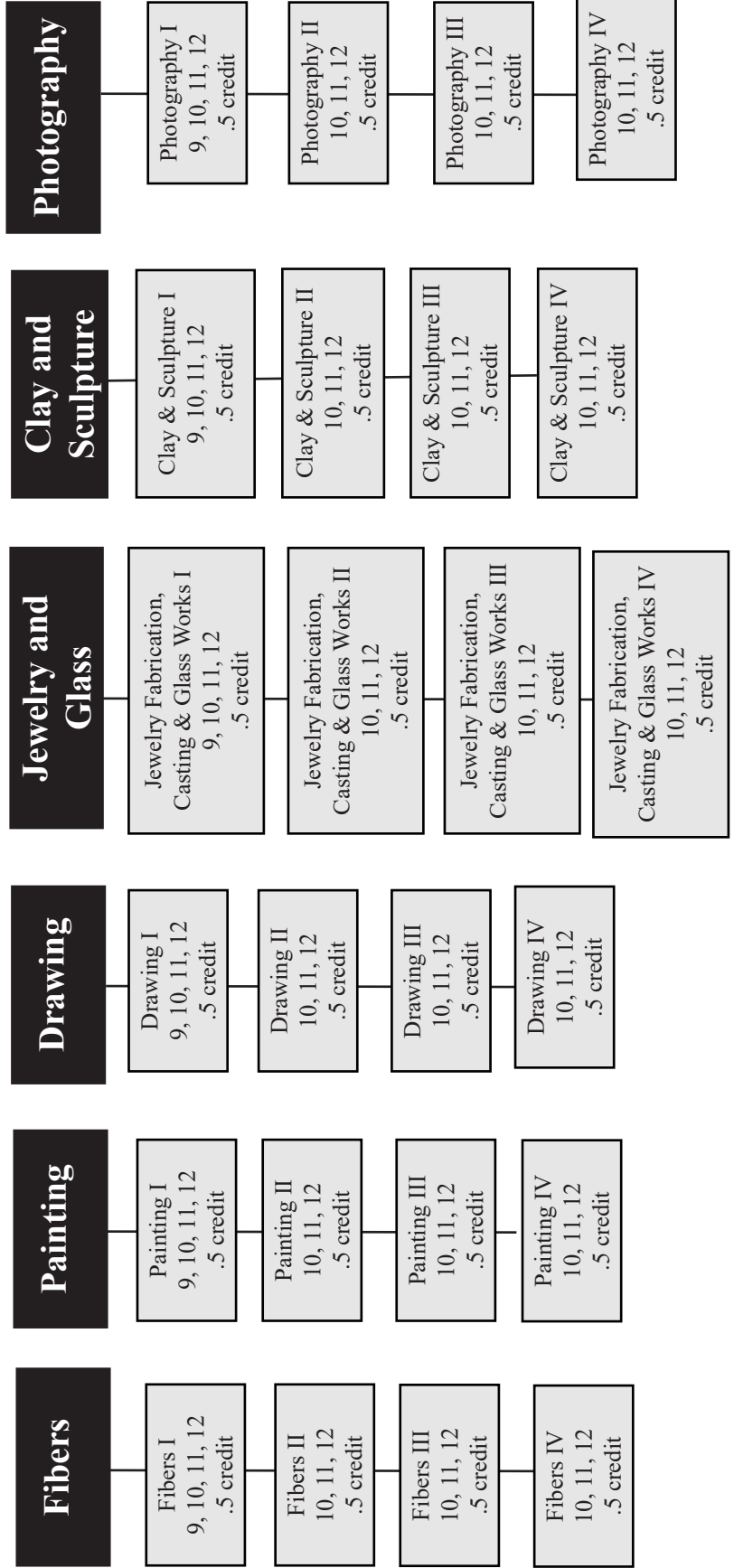
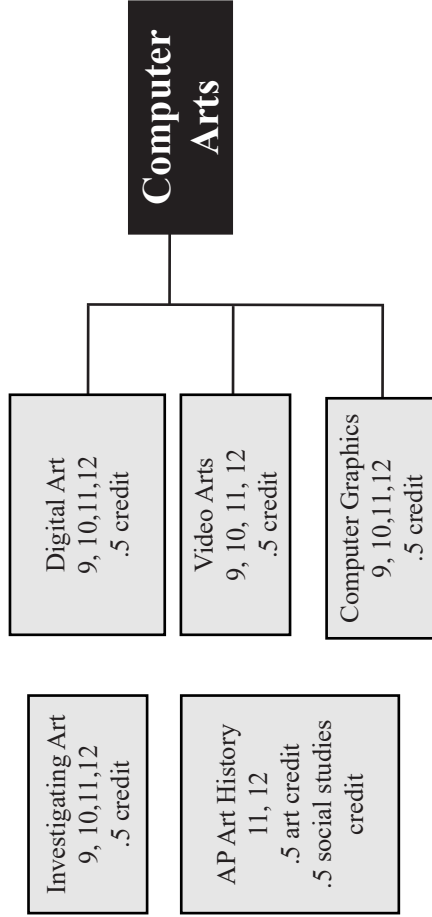
**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

**Students passing the AP Exam may be able to use the credits towards their humanities requirement in college.**



# ART

## Art



# BUSINESS EDUCATION, COMPUTER SCIENCE AND MARKETING EDUCATION



**Courses Required For Graduation From This Department: 0.5 Credit**  
IT Fundamentals I

## BUSINESS EDUCATION

### PERSONAL FINANCE

**Course:** 506  
**Credit:** .5  
**Grade:** 11,12  
**Prerequisite:** None  
**Fee:** None

You will be plunged into a world of financial options from the first day you walk out of school. Along with this comes making many crucial decisions that can, and will, affect your entire life. This course covers many important topics to help you make wise financial decisions. Topics covered will be: money management strategies, consumer protection strategies, banking, the importance of good credit, fundamentals of investing (stocks, bonds, mutual funds), income tax return preparation, housing, risk management (insurance), and retirement planning.

**This course satisfies the Financial Literacy graduation requirement.**

### PERSONAL FINANCE (BLENDED INSTRUCTIONAL DELIVERY)

**Course:** 506.1  
**Credit:** .5  
**Grade:** 11,12  
**Prerequisite:** Student must have PRIDE status  
**Fee:** None

You will be plunged into a world of financial options from the first day you walk out of school. Along with this comes making many crucial decisions that can, and will, affect your entire life. This course covers many important topics to help you make wise financial decisions. Topics covered will be: money management strategies, consumer protection strategies, banking, the importance of good credit, fundamentals of investing (stocks, bonds, mutual funds), income tax return preparation, housing, risk management (insurance), and retirement planning.

Students enrolled in this course will be taught using a blended curriculum of online and classroom experiences. The first week of the course will be taught in the classroom. After students are familiarized with the course and the expectations, the class will move to an online format with students meeting a minimum of once a week in the classroom.

**This course satisfies the Financial Literacy graduation requirement.**

### ACCOUNTING I

**Course:** 500  
**Credit:** .5  
**Grade:** 10, 11,12  
**Prerequisite:** None  
**Fee:** None

There is a whole world of opportunities waiting for you in accounting. You could work for an accounting firm, a corporation, a small business, the government, or a non-profit organization. Accounting is an excellent foundation for starting your own business. It is recommended that you take accounting if you plan to go to college or technical college for any business or marketing degree. Many other majors also require accounting.

You will learn the accounting cycle for a small service business and basic accounting practices for keeping financial records of a business. The workbook is now online; therefore, computers are used throughout the course.

### ACCOUNTING II

**Course:** 503  
**Credit:** 1.0  
**Grade:** 11,12  
**Prerequisite:** Accounting I  
**Fee:** None

Anyone planning to major in business or marketing should take Accounting II. Many high school students declare business as their major or program beyond high school. This course covers the basics of business transactions: how to complete the entire accounting cycle for small, single-owner service and merchandising businesses, detailed accounting for inventories, cash, receivables, and fixed assets.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

# BUSINESS EDUCATION, COMPUTER SCIENCE AND MARKETING EDUCATION

## BUSINESS COMMUNICATIONS

**Course:** 510  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** None  
**Fee:** None

Business Communications is a one term course offered to seniors that will benefit those going to the technical college, university, and/or those entering the work-force. The primary goals of the course are to explore applied communication and to show the relevance of reading, writing, speaking, presenting, and listening in workplace situations. Projects, cooperative learning, and various forms of technology will be utilized throughout the class to cover units such as Understanding the Communication Process, Communication for Employment, Communication in the Workplace, Digital Communication, Proposals and Reports, Oral Presentation Skills, and Technical Writing.

**EC**

**This is an English equivalency course. Successful completion will count toward .5 credit of English. See pages 12 for details.**

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## COMPUTER APPLICATION COURSES

### DIGITAL CREATIONS IN DESKTOP PUBLISHING

**Course:** 562  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This one term course will allow students to develop skills in creating professional digital and print media. Students will learn techniques of effective design to create a variety of print ready publications and digital media for the web which will enhance communication in the business environment. Digital tools and the latest production software, Microsoft Publisher and the Adobe CC suite, will be incorporated in this project-based course.

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### IT FUNDAMENTALS I

**Course:** 561  
**Credit:** .5  
**Grade:** 9, 10, 11,12  
**Prerequisite:** None  
**Fee:** None

This one term course is a general survey of computers and computing. It is designed to give students a hands-on overview about the main computer concepts expected in today's world: current software applications (Microsoft Office), hardware components, programming, and graphics. In addition, students will study the social and ethical impact associated with computer use, as well as computer history and Internet safety.

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### IT FUNDAMENTALS II-INTEGRATED MICROSOFT OFFICE

**Course:** 573  
**Credit:** .5  
**Grade:** 10, 11,12  
**Prerequisite:** IT Fundamentals I  
**Fee:** None

This one term course will expand your knowledge of the Microsoft Office Suite and build confidence in dealing with new technology and software. This project-based course will incorporate Microsoft Word, Excel, PowerPoint and Access concepts. Current software in the Windows environment is used to enhance the student's ability to work with digital sound manipulations and video editing.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



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### INTRODUCTION TO WEBSITE DESIGN

**Course:** 563  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** IT Fundamentals I  
**Fee:** None

The demand for instant information has generated a variety of occupations related to the design, development, and maintenance of Internet content. Introduction to Web Site Design is a one term course that will allow students to explore the creation and design of web sites for computers and mobile devices. Students will design a variety of websites with animations, graphics, and mobile apps in their projects using modern design techniques.

**COMPUTER PROGRAMMING COURSES**

**PROGRAMMING I**

**Course:** 564  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** IT Fundamentals I  
**Fee:** None

This one term course provides an introduction to computer programming. Students will be introduced to basic programming structures and current programming practices in Scratch, a simple, interactive programming language and then transition into Java. Students will design and create projects in both languages. This is an excellent introductory programming course and is a prerequisite for all other programming courses.

**PROGRAMMING II**

**Course:** 568  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Programming I  
**Fee:** None

This one term course will build on programming structures and practices introduced in Programming I. The course will be taught in Java, the current language of choice in the educational and professional computing world. Students will further their understanding on topics including: variables, input and output, decision making, loops, arrays, methods, classes and graphics. An introduction to game design and development will also be addressed through project-based assignments.

**ADVANCED PROGRAMMING**

**Course:** 569  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Programming II  
**Fee:** None

This one term course will review and extend the concepts of Programming II through project-based assignments. Java will be used to further investigate object-oriented programming and class structure. Advanced topics covered include: linked lists, data structures, and searching and sorting algorithms. This course will prepare students for technical colleges, four year universities, or direct employment in the computer industry.

**COMPUTER SUPPORT COURSES**

**A+ COMPUTER MAINTENANCE & REPAIR**

**Course:** 577  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** IT Fundamentals I  
**Fee:** None

Having a technical foundation is critical in today's society. A+ is a two term course that will provide a strong technical background within the areas of computer hardware and software. Students will receive instruction and hands-on experience in the areas of: PC hardware, computer safety, peripheral hardware devices, operating systems-Windows, Mac, and Linux, preventive maintenance, and customer service. The course is based on the CompTIA's A+ certification objectives. This course allows students to build and maintain their own computer and culminates with a student built computer network that includes a LAN game.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

**STUDENT HELP DESK**

**Course:** 578  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** IT II or A+ Computer Maintenance & Repair or Teacher Consent  
**Fee:** None

Student Help Desk is a one term course that will allow students to repair a variety of technical problems(hardware and software) and earn IT certifications. Students will receive service requests and take the appropriate actions to resolve the issue to simulate technology problems faced in today's business world. In addition, students will also work toward obtaining the PC Pro certification. It is highly recommended students take the A+ Computer Maintenance and Repair course before enrolling in this course. This class may be repeated to obtain other Information Technology certifications(Networking, Ethical Hacking, etc.) with instructor approval.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

# BUSINESS EDUCATION, COMPUTER SCIENCE AND MARKETING EDUCATION

## MARKETING EDUCATION

### INTRODUCTION TO MARKETING & BUSINESS

**Course:** 550  
**Credit:** .5  
**Grade:** 9, 10, 11,12  
**Prerequisite:** None  
**Fee:** None

Marketing and Business involves the many activities needed to get products from producers to consumers. It is one of the most exciting and vital career areas you could ever explore! This class is a must for all students who plan on succeeding in our very competitive free enterprise system.

Students will explore all of the functions of marketing. Students will also investigate the consumer approach of how marketing affects all consumers. Specifically, students will discuss: the world of marketing, marketing information management, product planning, pricing, distribution, financing, personal selling, and promotion. In order to gain real world experience in the marketing and business fields, students will participate in various scenarios, simulations, and projects throughout the course.

This course is the foundation course to Sports and Entertainment Marketing and Marketing Principles.

### SPORTS & ENTERTAINMENT MARKETING

**Course:** 553  
**Credit:** .5  
**Grade:** 11,12  
**Prerequisite:** Intro to Marketing and Business (Students may take Intro to Marketing and Business concurrently.)  
**Fee:** None

The Marketing and Business field is seeing exponential growth in the Sports and Entertainment Industry. Now a \$600 billion industry, the Sports and Entertainment Industry has become a dominant presence not only in the U.S., but also in the rest of the world. The Sports and Entertainment Industry encompasses everything from movies, music, television, and computer games to social media, merchandising, theater, tourism, theme parks, and professional and recreational sports. Students will learn the fundamental principles and concepts identified with the Sports and Entertainment Marketing Industry through real life scenarios and simulations. Students in this course will have the option of developing their own professional sports franchise or planning a concert tour for a major entertainment act. Within this project, students will develop logos, plan stadium or stage layouts, design and determine ticket prices, develop merchandise, and promote their team or concert. Students will be required to plan, implement, and evaluate school and community needs related to Sports and Event Marketing through the completion of cause marketing projects such as Sportainment Night and the Dodgeball Classic.

### STARTING A SMALL BUSINESS

**Course:** 526  
**Credit:** .5  
**Grade:** 10, 11,12  
**Prerequisite:** None  
**Fee:** None

An entrepreneur is a person who attempts to earn a profit by taking the risk of operating a business enterprise. Do you want to be your own boss? If you answered yes, then this class is a must and will help you understand what it is like to be an entrepreneur in today's global markets. You will learn what is involved in starting a business.

This course is an introduction to what a business is, how it operates, and how it is managed. Students in this course will identify forms of ownership, the processes used in production, marketing, finance, personnel, management, and conducting business internationally. Specifically, students will be creating their own small businesses through the completion of a business plan.



**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

### MARKETING PRINCIPLES

**Course:** 554  
**Credit:** 1.0  
**Grade:** 12  
**Prerequisite:** C average in any business or marketing class  
**Fee:** None

Marketing Principles is an advanced level marketing course utilizing Mid-State Technical College (MSTC) curriculum, textbook, and on-line resources. Whether you are majoring in a business field or non-business field, there are several reasons to study marketing. Marketing plays an important role in society. It is vital to business success, offers outstanding career opportunities, and affects your life everyday as a consumer.

A variety of interactive and hands-on activities and methods will be used to help students analyze the major components of the marketing process and how they relate to real world examples. Topics to be covered include marketing planning and segmentation, buying behavior, bringing new products to market, developing distribution channels, exploring various advertising and promotional methods, and making effective product mix decisions. Students will also be responsible for operating the school store.

**Introduction to Business and Marketing is highly recommended and can be taken concurrently. Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



### MARKETING & BUSINESS WORK EXPERIENCE

**Course:** 557  
**Credit:** .5, 1.0, 1.5  
**Grade:** 12  
**Prerequisite:** C average in any business or marketing class  
**Fee:** None

This program is a paid work experience for seniors striving for careers in Marketing and Business. There are many options for this work experience. Students may be dismissed early for the supervised work experience if their schedule permits. Get a head start and gain valuable occupational/career skills now by enrolling in Marketing & Business Work Experience.

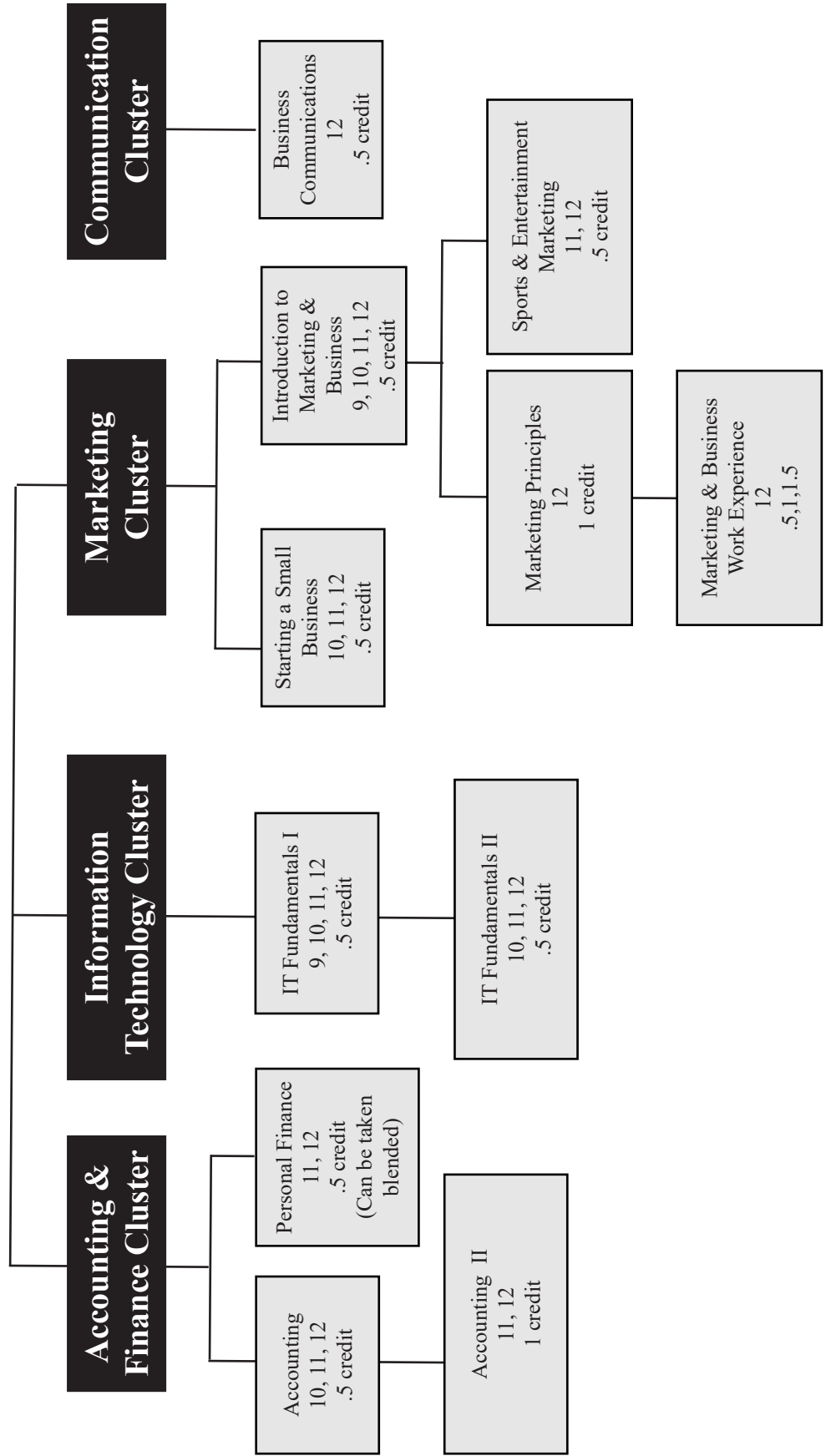
Students must apply for this program through a marketing or business teacher. Selection is based on skills, employability, attitude, personality, attendance, and successful completion of the application process.

This course can be taken for 1, 2 or 3 terms.

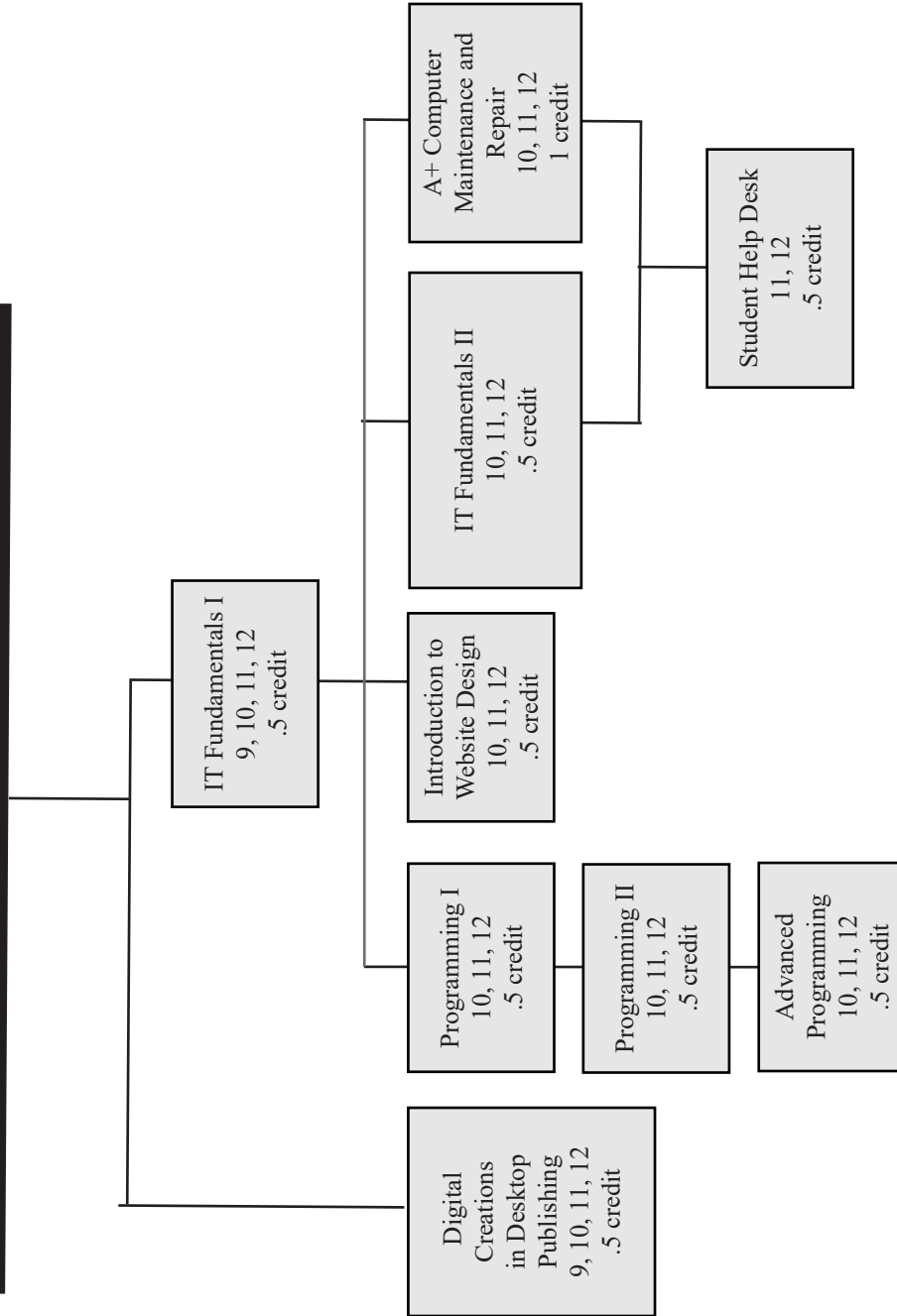
**Required course to be taken at the same time with work experience: No. 554 Marketing Principles.**



# Business and Marketing



# Computer Science



# ENGLISH/LANGUAGE ARTS



## Courses Required For Graduation From This Department: 4 Credits

1 credit of English I, 1 credit of English II, and 2 additional English credits are required

### ACCELERATED ENGLISH I/II

**Course:** 104  
**Credit:** 1.0  
**Grade:** 9  
**Prerequisite:** See course description  
**Fee:** None

This advanced English course condenses the curricula of two year-long language arts courses into one year: English I (ninth grade) and English II (tenth grade). The course provides instruction in the reading, writing, speaking, and language skills students will find necessary for success in high school and beyond. Students will read classic and contemporary works—a blend of literary and informational text from a variety of genres—and will write compositions that are informative/explanatory, persuasive/argument, narrative and poetic in nature. Readings include, but are not limited to, *The Odyssey*, *Lord of the Flies*, *Macbeth*, and various autobiographical novels.



As such, students will experience a faster pace, less review and repetition, and more opportunities to engage themselves with the content in an abstract manner. Because of the accelerated academic pace, students should be prepared for outside-of-classroom work expectations to rise significantly. Students who qualify and successfully complete the course may then enroll in more rigorous, junior-level, classes as sophomores, working to complete their remaining three credit requirements of English for graduation.

To better ensure student success in this accelerated learning environment, current eighth grade students are required to submit a letter of request, which will serve as a writing sample for assessment purposes, and meet these two mandatory criteria: 1. Have a Scholastic Reading Inventory (SRI) Lexile of at least 1300, 2. Have a grade of an A or a B in 8th grade English. In addition, students must meet one other criteria: either a qualifying test score (80%) on an English/Mechanics test or score at or above the 85 percentile on the Forward Exam (or its equivalent).

**Students must earn a grade of B or better in each trimester of this compacted class to continue on with accelerated English in tenth grade. Students who do not earn a grade of B or better will need to take English II in tenth grade. Students may also be moved to English I A if they are not successful in the first part of Accelerated English.**

### ENGLISH I

**Course:** 103  
**Credit:** 1.0  
**Grade:** 9  
**Prerequisite:** None  
**Fee:** None

This required, two-trimester, introductory English course provides instruction and practice in the reading, writing, speaking and language skills students will find necessary for success in high school and beyond. Students will study literary works including drama, mythology, biography and classical literature. Students will combine literature with their writing practice in a variety of genres including informative/explanatory, persuasive/argument, narrative and poetic. Units include, but are not limited to: fictional short stories, *Romeo and Juliet*, *The Odyssey*, *Lord of the Flies*, and vocabulary.



### ENGLISH II

**Course:** 106  
**Credit:** 1.0  
**Grade:** 10  
**Prerequisite:** None  
**Fee:** None

This required sophomore course provides instruction and practice in reading, writing, speaking, and language skills students will find necessary during and beyond high school. Students can expect to study several thematic units that incorporate a blend of literary and information text, as well as a variety of writing (informative/explanatory, persuasive/argument, and narrative) in extended process work and on-the-spot (demand) writing. Students develop their speaking and listening skills through impromptu and sustained discussion activities and presentations. While students learn how to strengthen their ideas and organize, they also deepen their understanding of how sentence fluency, word choice (including vocabulary), voice, and conventions make writing, whether it's their own or another's, more effective.



# ENGLISH/LANGUAGE ARTS

## ENGLISH III

**Course:** 115  
**Credit:** 1.0  
**Grade:** 11  
**Prerequisite:** None  
**Fee:** None

This course is designed to extend and strengthen the basic reading, writing, listening, and speaking skills learned in English II. Various themes may include: war, loneliness, roots, the “American Dream,” and alienation. Themes are explored through the reading of novels, plays, short stories, and poems. There is an emphasis on American literature. Class discussions, research, and individual/group presentations will enhance students’ speaking and listening skills. Frequent compositions are expected of all students.

**This course is not open to students who have taken American Literature and Composition.**



## AMERICAN LITERATURE AND COMPOSITION

**Course:** 112  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Must have received an A or B in English II.  
**Fee:** None

This course offers a study of American writers and their contributions to the development of American literature. Students can expect to read and analyze literary and informational texts. Composition will focus on developing the areas of argument; analysis; and the impact of style, purpose, and structure on the author’s overall message. Through sustained discussions and formal presentations, students will develop their speaking and listening skills. This is a highly structured, accelerated course for students who intend to continue their education after high school as well as students with a high interest in literature.



## AMERICA'S VOICE-LITERATURE

**Course:** 114, 214  
**Credit:** .5  
**Grade:** 10  
**Prerequisite:** None  
**Fee:** None

America’s Voice is a sophomore level, team-taught, two-trimester class. This course will combine the curriculum ideas from English II A with the curriculum time periods from Contemporary American History A. It meets for one class period for two trimesters with students receiving .5 ELA credit for trimester 1 and .5 Social Studies for trimester 2. The class blends American history with America’s literary tradition. Students will study the issues in our past (beginning in 1900 through World War II) and will read literature associated with each period. Much of the learning is discussion-based and emphasis is placed on both analyzing literature (novels, short stories and poetry) and writing essays. The course is team-taught by a social studies teacher and a language arts teacher.



## ENGLISH IV: LITERATURE

**Course:** 116  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** None  
**Fee:** None

This single-term course is designed to extend the reading, writing, and discussion skills developed in junior-level English courses. This course will focus on literary analysis and students will demonstrate their analysis through writing, discussion, and summative assessments. The literature explored comes from a wide variety of time periods, countries, and perspectives. Further, students can expect to analyze literature in the form of novels, short stories, and plays.



## ENGLISH IV: COMPOSITION

**Course:** 117  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** None  
**Fee:** None

This single-term course is for seniors who are looking to strengthen reading and writings skills through a focused study of grammar and composition. Students can expect to read and analyze both fiction and non-fiction/informational text related to 21st Century Skills and other course themes. Grammar studies focus on the specific skills that students need most to be college and career ready. Composition work may include informative, argumentative, and/or narrative genre. Class activities and practice will include independent and collaborative work.



# ENGLISH/LANGUAGE ARTS

## PUBLICATIONS: YEARBOOK

**Course:** 170  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

**NOTE: This class is NOT available for English credit.**

Publications is an elective that publishes The Ahdawagam, LHS' yearbook. Production is entirely digital, with web-based page design, and all-digital photography. Students learn journalistic and visual arts skills, including interviewing sources, journalistic writing, word processing, copy editing, layout, design, photography, and photo editing. Out of class work is expected, with students held accountable for meeting submission deadlines. Covering the entire school year will require co-curricular involvement.

Students are encouraged to take a study hall during the third trimester to complete the yearbook.

## CREATIVE WRITING

**Course:** 140  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This course is designed to broaden the students' writing experiences and to equip them to write vigorously, colorfully, and correctly. Emphasis is given to practice in observing and describing things — leading to writing projects such as short stories, children's stories, memoir essays and short prose. Ample opportunity is given for creative self-expression, both orally and in writing. Students will read and analyze, in expository essays, good writing models in order to improve their own writing. Original works may be submitted to *Bloodstone*, LHS's literary journal.



## INTRODUCTION TO THEATRE

**Course:** 132  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This beginning survey course of the Theatre Arts focuses on storytelling through writing, verbal and nonverbal communication, character development, and directing from a script. Imagination and creativity are strengthened and developed through social emotional learning skills such as building relationships in social situations, self awareness activities, and self motivation exercises. Students are expected to read, write, perform, collaborate, and respond throughout this course.

## ACTING AND PRODUCTION

**Course:** 135  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Theatre experience through class or productions  
**Fee:** None

**Note: This class is NOT available for English credit.**

Students interested in acting and theatre technology will act, direct, build props and sets, develop characters, rehearse, gather costumes, design lighting and sound, learn makeup and publicity, and perform various scenes in duos and small groups. This intermediate course is designed for acting and producing a final mini production at the end of the term in a collaborative effort.

## ADVANCED DRAMA

**Course:** 134  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Theatre experience through class or productions  
**Fee:** None

Advanced Drama is for the serious theatre student. This course requires more skills and abilities than other theatre courses. In addition to gaining empathy and using responsible decision making, students will compare and contrast ancient Greek plays to modern plays, differentiate comedy and tragedy, respond to modern theatrical ideas, and perform scenes using various acting methods. A major course project is assigned and developed throughout the course.

## THEATRE TECHNOLOGY

**Course:** 136  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

**Note: This class is NOT available for English Credit.**

Hands-on instruction is the base of this course. In addition to learning how to run the PAC, students will learn theatre safety, fly rail system, texture painting, and technical design in set, lighting, and sound. Performance projects and tests to show knowledge are throughout the course. A major collaborative design project implementing all these skilled areas will be the main assessment at the end of the semester. **Students will be required to log 15 hours of service learning time at PAC events outside of normal school hours.**

# ENGLISH/LANGUAGE ARTS

## POETRY

**Course:** 151  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None



This course is a study of the art of writing poetry based on the criteria set forth in the text and models from works chosen by the students and teacher. Assignments include writing and rewriting poetry; analyzing and evaluating classmates' poems and published works; and doing writing, speaking, and research exercises to familiarize the student with figurative language, observation of detail, and poetic structure. Poetry devices are emphasized in this course. Students are expected to keep a file of their work and do an analysis of the work of a contemporary poet. Individual help is given to each student. Original poetry will be submitted to the LHS literary journal, *Bloodstone*.

**Students must have a willingness to write poetry on a variety of topics and in a variety of forms.**

## ENVIRONMENTAL LITERATURE

**Course:** 145  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



This course focuses on literature related to survival and current environmental topics. Students will analyze and interpret a variety of fiction and non-fiction literature while making connections to central ideas, themes, and other texts. The composition focus of this class is writing a fully developed research paper. Demand writing prompts will also be used throughout the trimester focusing on literary analysis, organization, and grammar.

## SPEECH COMMUNICATIONS I

**Course:** 152  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None



This course offers students the opportunity to initiate and participate effectively in a range of collaborative discussions in a variety of groups, one-on-one, small groups, and/or teacher-led activities. Students will learn the Monroe Sequence of speech writing by integrating multiple sources of information presented in diverse formats and media in order to make decisions and solve problems of their writing and speaking styles. Students will write and orally present a variety of the following speech formats: dyad, informative, persuasive, impromptu, and a song-lyric speech. Special focus is given to development of poise, confidence, critical listening skills, an evaluation of a speaker's point of view, reasoning, and use of evidence and rhetoric. Speech Communication is required in most colleges, universities, and technical schools, so this course is especially helpful to those students seeking further education beyond high school.

**Students will fail this course if they choose not to orally present to the class.**



## SPEECH COMMUNICATIONS II

**Course:** 154  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Speech Communications I or consent of instructor  
**Fee:** None



This course offers students the opportunity to make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentation to enhance understanding of findings, and evidence to add interest in the preparation of radio broadcasts, commercials, and demonstration speaking. In addition, a formal debate speaking style will allow students to write arguments to support claims in an analysis of topics or texts using valid reasoning and sufficient evidence. There is an emphasis on adapting the speech structure to the audience with the use of voice, audio-visual aids, and alternative patterns of organization of materials. There is an added emphasis on reading historical and contemporary speeches and the evaluation of them.



# ENGLISH/LANGUAGE ARTS

## BRITISH LITERATURE AND COMPOSITION

**Course:** 118  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



British Literature is a college preparation survey course. The course's content explores various novels, poems, and tales from a chronological perspective through a variety of literary eras in British literature. Students read both fiction and non-fiction, write expository essays, and develop critical thinking and rhetorical speaking skills.

## AP ENGLISH LITERATURE AND COMPOSITION

**Course:** 121  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



This course is intended for students interested in earning college credit while still in high school. In May, students take the national College Board AP Exam, and if they pass, earn college credit. The literature component of the class consists of approximately 50% American, 30% British, and 20% European, ranging from classic to contemporary novels, plays, short stories, poetry, and essays. The composition component of the class focuses on informational, argumentative, and persuasive writing, specifically related to literary analysis, organization, research, and grammar.

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

## COLLEGE ENGLISH 101

**Course:** 101  
**Credit:** .5 LHS credit  
3.0 UWSP credits  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** See course description



College English 101 is a trimester long introductory writing course that focuses on the basic techniques of composition, on the composing process with attention to drafts and revisions, and on the coherence and organization of essays. By the end of the trimester, students will have gained experience with understanding and recognizing aspects of the rhetorical situation and making appropriate choices for different purposes and audiences; understanding the conventions of standard written English, including introducing and citing sources; improving critical thinking and reading skills; and applying successful strategies to the writing process, from invention to revision.

**Students enrolled in this course will be taught using a blended format of online curriculum accompanied by classroom instruction.**

**This course is a concurrent enrollment course through UW-Stevens Point. Students taking this course may sign up for concurrent enrollment credit. See page 12 for further details.**

**Please note: If taking for college credit, the cost for the class and ordering of transcripts may be the responsibility of the student/parent.**

## COLLEGE ENGLISH 202

**Course:** 202  
**Credit:** .5 LHS credit  
3.0 UWSP credits  
**Grade:** 11, 12  
**Prerequisite:** Successful completion of College English 101  
**Fee:** See course description



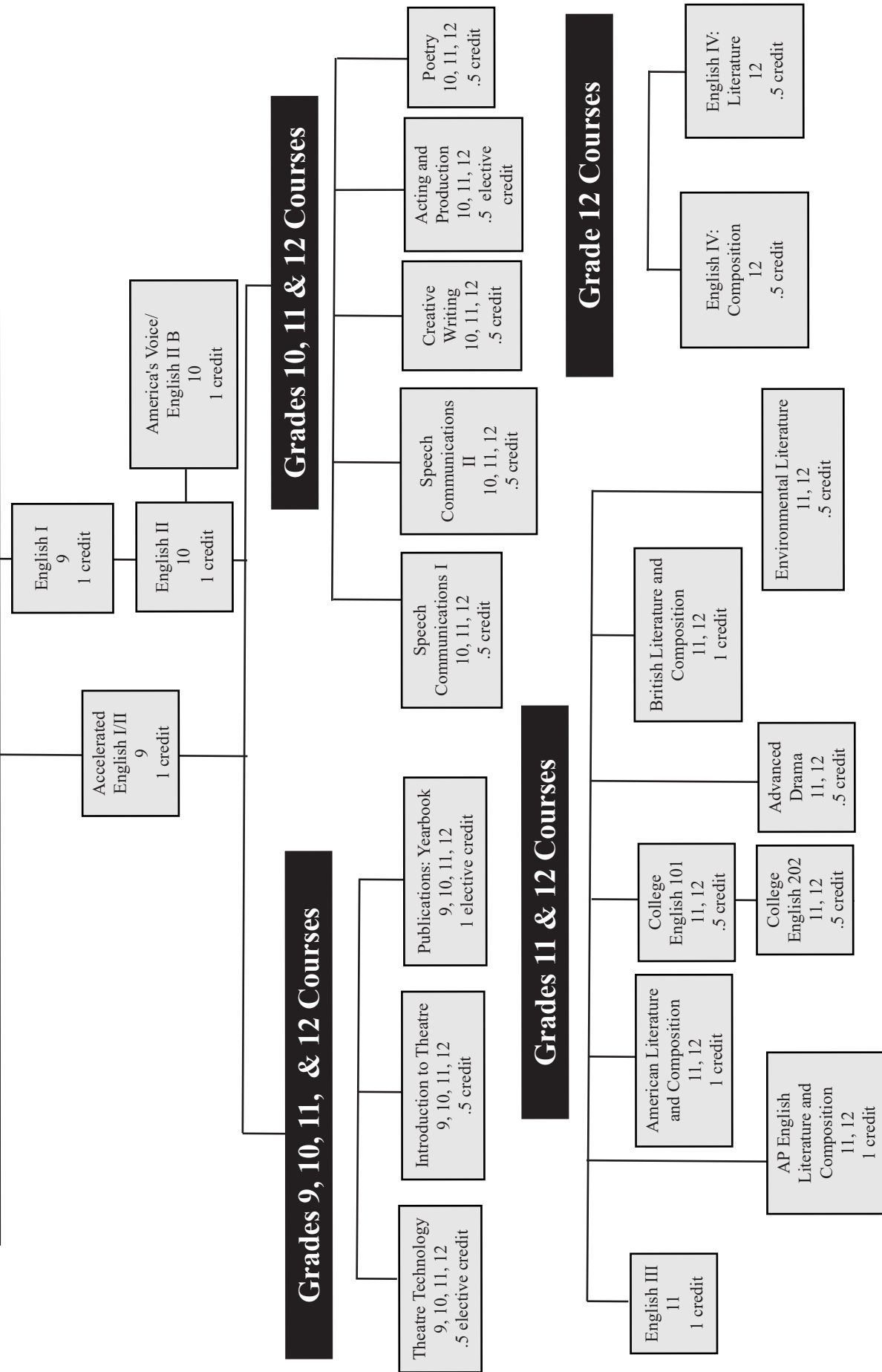
College English 202: Critical Writing, Reading, and Research is a trimester long course which is the core college writing course where the primary goal is for students to learn advanced critical reading, writing, and research skills. Students will be presented with multiple opportunities to develop advanced critical thinking skills including analysis, synthesis, and argument of scholarly, source-based texts. As such, reading and writing assignments are primarily focused on writing about scholarly, source-based academic texts. By the end of English 202, students will be able to use these independently located scholarly and academic sources in a way that effectively supports a central claim and is appropriate to the writer's audience and purpose.

**Students enrolled in this course will be taught using a blended format of online curriculum accompanied by classroom instruction.**

**This course is a concurrent enrollment course through UW-Stevens Point. Students taking this course may sign up for concurrent enrollment credit. See page 12 for further details.**

**Please note: If taking for college credit, the cost for the class and ordering of transcripts may be the responsibility of the student/parent.**

# English/Language Arts



Students who took accelerated English I/II see your counselor for course options.



# FAMILY & CONSUMER SCIENCE



## Courses Required For Graduation From This Department: None

The use of materials varies from class to class. In all classes, a fee may be charged for supplies and field trips as determined by the class and the instructor. In case of extreme hardship, fees for classes may be waived.

## FAMILY AND HUMAN SERVICES

### CHILD DEVELOPMENT

**Course:** 934  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Students will examine child development within the context of the early childhood education setting. Students learn to analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children ages 3-8; summarize the methods and designs of child development research; analyze the role of heredity and the environment; and examine the role of brain development in early learning. Upon successful completion of course students will earn 3 transcribed credits from Mid-State Technical College.



**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

### HEALTH, SAFETY, AND NUTRITION (BLENDED INSTRUCTIONAL DELIVERY)

**Course:** 931  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Are you interested in working with children and want to learn about how to create a safe environment for children? This course will provide you the opportunity to explore the topics of health, safety, and nutrition in an early childhood setting. Course competencies include: integrate strategies that support diversity, cultural responsiveness, and anti-bias perspectives; examine governmental regulations and professional standards as they apply to health, safety, and nutrition; plan a safe early childhood environment; plan a healthy early childhood environment; plan nutritionally sound menus; examine child abuse and neglect issues and mandates; describe Sudden Infant Death Syndrome (SIDS) risk reduction strategies, describe strategies to prevent the occurrence of Abusive Head Trauma (AHT), incorporate health, safety, and nutrition concepts into the children's curriculum. Students will have the opportunity to earn certifications that are necessary in the workplace. This course does NOT meet the health requirement for graduation.



This course may be taken concurrently with Assistant Child Care Teacher/Foundations of Early Childhood Education.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

### ASSISTANT CHILD CARE TEACHER/FOUNDATIONS FOR EARLY CHILDHOOD EDUCATION

**Course:** 937  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Learn about age appropriate development of young children and how to promote their healthy development through good care and teachable play. Prepare lessons and activities for young children, with the opportunity to facilitate those lessons and activities with children at local early childhood classrooms. Students are required to provide their own transportation when facilitating lessons at early childhood classrooms. Students who are juniors or seniors will have the opportunity to continue working towards their WI Department of Public Instruction Early Childhood Education Certificate as an assistant child care teacher. After completion of their assistant teacher certification, students are eligible to take part in the Early Childhood Youth Apprenticeship program and earn their head teacher certification through the WI DPI. (See page 81 for details.)

**Additional fees apply for students choosing to get their CPR, AED and First Aid through the American Red Cross. These fees are determined by the Red Cross.**



**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

# FAMILY & CONSUMER SCIENCE

## INFANT AND TODDLER

**Course:** 936  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Assistant Child Care Teacher  
**Fee:** \$10.00

Explore the responsibilities, rewards and challenges required when caring for infants and toddlers. Examine theories related to young children and age appropriate development and learn about early childhood education opportunities and career choices. Class will visit local early childhood education classrooms, observe and interact with young children. Students who are juniors or seniors have the opportunity to work towards a WI Department of Public Instruction Early Childhood Education Certificate as an assistant child care teacher. (Students must also take the Assistant Child Care Teacher course in order to obtain this certification.) Students must complete 20 hours of classroom activities and 10 hours on-the-job experience or observation with children ages birth to three in a child care setting (minimum of 5 hours must involve children ages birth to 1). This is in addition to the ACCT 10 hours of observation in a regulated child care setting.

**Additional fees apply for students choosing to get their CPR, AED and First Aid through the American Red Cross. These fees are determined by the Red Cross.**



**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

## TEACH AND LEAD

**Course:** 943  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

Do you have a passion for working with others? Plan on coaching in the future? This is an introductory course to explore the world of teaching. Whether it is at an elementary, junior high, or high school level, you'll learn more about the educational pathway and the skills needed to become a teacher. Gain hands on experience teaching, coaching, or mentoring others. You will observe, explore, participate, and work in the subject area you are passionate about. Learn how to prepare lesson plans, conduct class discussions, give homework assignments, and tests. Students will have the opportunity to job shadow and assist a teacher, teach a mini-lesson within a classroom setting, and among their peers. Transportation to/from volunteer sites is provided by the student, if applicable. See what kind of impact you can make in the lives of students today and get a head start preparing for a rewarding career as a teacher, teaching assistant, or coach.

## ON YOUR OWN

**Course:** 939  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

Are you looking ahead to the future and thinking about your life beyond high school? Success is the key to independence. Explore your future goals and a plan for getting there. Learn how to land a job and plan for life events. Get educated on banking services, credit cards, loans, basic investment principles, and types of insurance. You'll experience real-life budgeting simulations, explore housing options, determine roommates, and cook a meal on a tight budget. This course will help you handle the transition to independence. If you want to learn strategies and life skills to be a successful young adult, this course is designed for you.

**This course satisfies the *Financial Literacy* graduation requirement.**

## RELATIONSHIPS

**Course:** 938  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

Strong and healthy relationships are a vital part of life and successful relationships begin with you! This class examines real-world issues and concerns facing teens, young adults, parents, and families. A variety of problem solving activities, discussions, videos, community guest speakers, and creative projects address the skills and characteristics for successful interpersonal relationships. Learn the keys to healthy relationships and effective communication techniques to feel more prepared to make decisions as you face the challenges and stresses of life. This class is also ideal for students seeking a career requiring strong people skills.

# FASHION & DESIGN

## INTRO TO FASHION DESIGN AND CONSTRUCTION

**Course:** 912  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Open up a whole new world of opportunity by learning about careers in the fashion and textiles industry. Use your creativity to sketch fashion and textile collections. Learn sewing and design technologies and construction methods. Students will create, recycle and redesign clothing, accessories and textile products. Students are expected to pay for fabric and supplies for at least three projects as well as the \$10.00 course fee. A collaborative community project will be completed.

# FAMILY & CONSUMER SCIENCE

## INTRO TO INTERIOR DESIGN

**Course:** 930  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Be creative while exploring the elements and principles of interior design. Design unique, comfortable, and functional interior spaces. Experiment with a variety of home furnishing resources and design samples, including computer programs to create virtual room designs and floor plans. Examine housing options through the family life cycle. Investigate career opportunities in the housing and interiors industry. Students will conduct research and participate in field trips to area businesses to learn about current trends in home and commercial design, color schemes, and eco-friendly materials. Students will apply knowledge and skills to a final design project.

## DESIGN STUDIO

**Course:** 914  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Intro to Interior Design or Intro to Fashion Design  
**Fee:** \$10.00

This course is a continuation of study for students who have successfully completed Intro to interior design or Intro to fashion design and construction. If you want to take your design skills to the next level, this class is for you. Focus on project based, independent learning and develop problem solving and creative thinking skills. Interior design projects will involve room make overs, space planning, and the study of current trends in home materials and design. Fashion projects will include fashion design and construction, upcycling, wardrobe planning, and textile design. Use technology, design tools and materials to develop real-world design solutions. Develop skills needed for the housing, furnishings, and interiors industry and/or the fashion, apparel, and textiles industries. Students are expected to pay additional supplies needed for fashion or interiors projects.

## FOODS & NUTRITION

### TEEN CUISINE

**Course:** 921  
**Credit:** .5  
**Grade:** 9, 10  
**Prerequisite:** None  
**Fee:** \$15.00

Focus on the world of food by learning to create appealing and nutritious meals. Food labs will be used to enrich and practice classroom skills. A final project will have students engaged in an entrepreneurship project. Classroom experiences will include reflecting on why people eat the foods they eat, the preparation of foods, safe food handling techniques, consumer issues in food choices, and creativity in recipes.

### NUTRITION FOR HEALTHY LIVING

**Course:** 922  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

Students learn concepts of healthy eating to facilitate the journey of good health across the lifespan. Healthy eating concepts focus on individual decision making and behavior change with sustainable interventions rooted in evidenced-based practice. Students investigate nutrition myth versus fact and explore how policy and environment impact nutritional choice. This course leads students on career track in Health and Wellness promotion.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



### FOOD SCIENCE

**Course:** 920  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

If it's on the grocery store shelf, a food scientist was involved. This course will use a hands-on approach to learning about the work of a food scientist through food lab experiments. You will be able to test and sample edible food products. Learn the proper techniques used to conduct food research and the types of equipment used to test the chemical properties of food. Apply the stages of food product development to create and package a new food. Investigate the many career opportunities related to food science and deepen your understanding of nutrition. Explore current issues in food science, food safety, and food production. Participate in a field trip to learn more about the food industry. This course supports career choices in food technology, nutrition and dietetics, food science, family and consumer sciences, and food chemistry.

EC

**This is a science equivalency course. Successful completion will count toward .5 credit of science. See pages 12 for details.**

# FAMILY & CONSUMER SCIENCE

## CULINARY ARTS

### **PRO. COOKING I (PROSTART I)**

**Course:** 926  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

Learn to work and cook like a pro. Develop teamwork skills through restaurant simulations, in-school catering and culinary challenges. Get trained in proper knife techniques, using equipment in a commercial kitchen, and practice basic cooking methods. Make homemade soups, sauces, bake desserts, and prepare pasta, potatoes, fruits, and vegetables with creative flair. Participate in a restaurant field trip. Examine current trends in the restaurant industry and develop menus and ideas for new restaurant concepts. Students will explore career pathways in hospitality, tourism, and food service management through the ProStart curriculum designed by the National Restaurant Association.

**Pro. Cooking I and Pro. Cooking II may be taken concurrently.**



### **PRO. COOKING II (PROSTART II)**

**Course:** 928  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Pro.Cooking I  
**Fee:** \$15.00

Master the techniques to take your cooking and baking skills to the next level. Use creative talents and skills to cook and plate food professionally. Create cakes and specialty desserts. Prepare breakfast foods, meat, and seafood. Construct sandwiches, salads, and learn strategies to cook healthful, tasty, and nutrient-rich menu items. Strengthen teamwork skills through restaurant simulations, advanced catering labs and culinary challenges. Participate in a restaurant field trip and new learn culinary techniques from guest speakers. This class is a continuation of the ProStart curriculum designed by the National Restaurant Association.

**Pro. Cooking I and Pro. Cooking II may be taken concurrently.**



### **BAKING AND PASTRY**

**Course:** 925  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

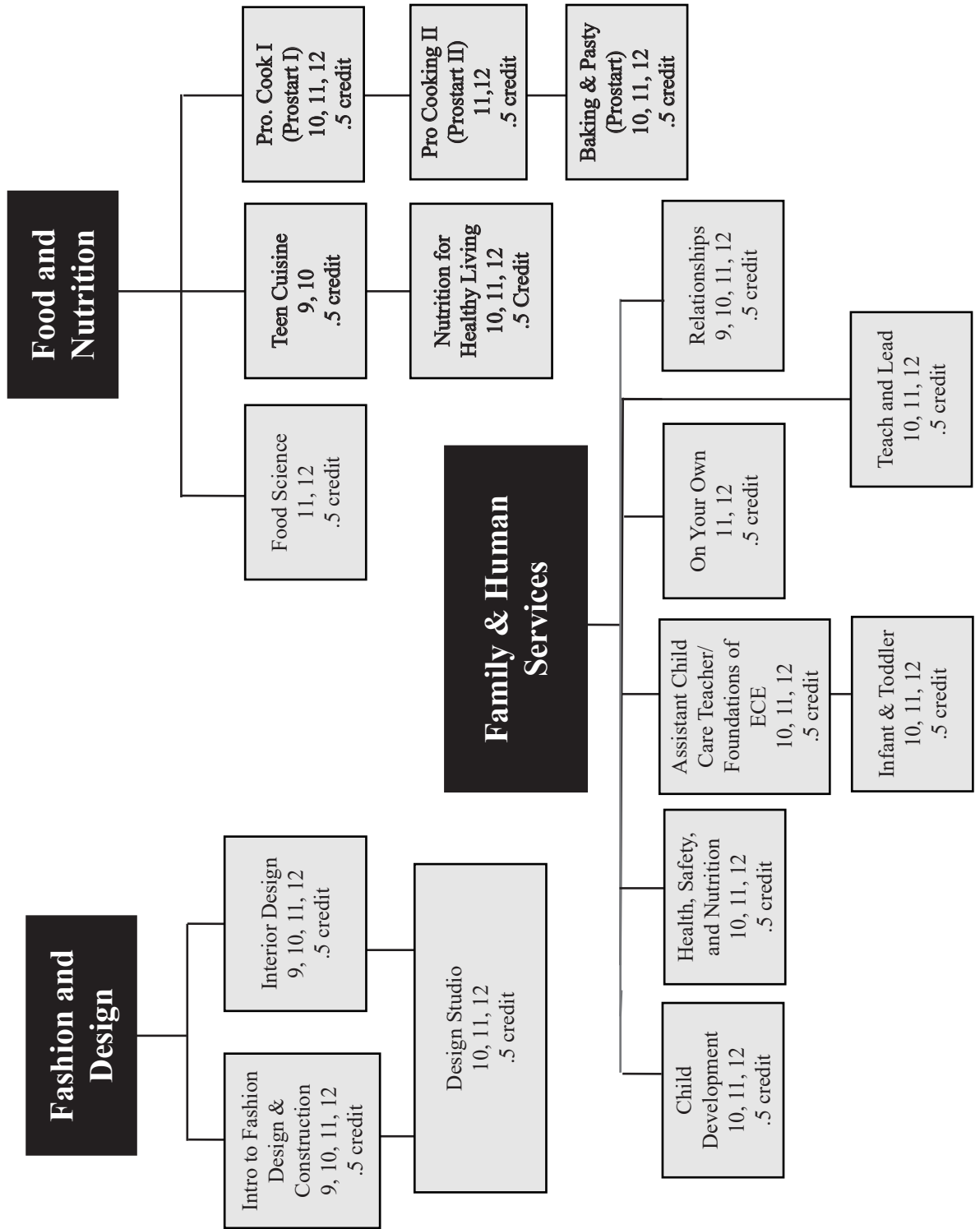
Explore the art of baking. Demonstrate creativity with a variety of recipes and bakeshop ingredients. Develop pastry chef skills to make bread, pastries, quick breads, scones, cookies, specialty desserts, and cakes. Labs will focus on food safety, culinary skills, teamwork, and employability skills. Projects include community service baking, creating and marketing a new product, mastering the art of service, individual and team baking challenges. This class is a continuation of the ProStart curriculum designed by the National Restaurant Association.

**Baking and Pastry and Pro. Cooking may be taken concurrently.**



# FAMILY & CONSUMER SCIENCE

## Family & Consumer Science



# HEALTH EDUCATION AND HEALTH SCIENCE



## Courses Required For Graduation From This Department: 0.5 credit Health Education

<b>HEALTH EDUCATION</b>	This course is a comprehensive health education curriculum. It is designed to provide students with knowledge and skills that will have a positive, long term affect upon their health and the health of others, as well as consequences of behaviors that occur during adolescent years. The class is structured around physical, mental, emotional, and social tasks that students need to resolve in order to develop to their full health potential.
<b>Course:</b> 895	
<b>Credit:</b> .5	
<b>Grade:</b> 9, 10	
<b>Prerequisite:</b> None	
<b>Fee:</b> None	

<b>INTRO TO HEALTH SCIENCE</b>	Anyone planning to go on to college for a career in health care or medicine should take Introduction to Health Science. This is the introductory course for all courses in the Health Science program at Lincoln High School. Students will study the important topics of safety and infection control; learn about the importance of communication in a health care setting with an introduction to medical terminology; explore the history of health care, and understand the importance of confidentiality and HIPAA.
<b>Course:</b> 896	
<b>Credit:</b> .5	
<b>Grade:</b> 9, 10, 11, 12	
<b>Prerequisite:</b> Health Education	
<b>Fee:</b> None	

<b>HEALTH SCIENCE FOUNDATIONS</b>	This course explores the various life stages of human development from the social, mental/emotional and physical aspects. Introduction to advanced directives, medical math, and vital signs will also be studied. Students will gain leadership skills as well as certification in First Aid and CPR/AED for the Professional Rescuer/Health Care Provider through the American Red Cross. HOSA: Future Health Professionals activities will be integrated throughout the curriculum.
<b>Course:</b> 350	
<b>Credit:</b> .5	
<b>Grade:</b> 10, 11, 12	
<b>Prerequisite:</b> Intro to Health Science	
<b>Fee:</b> \$5.00 for CPR certification. No waiver allowed.	

<b>MEDICAL OCCUPATIONS EXPLORATION</b>	There is a whole world of opportunities waiting for you in health care! This course gives students the opportunity to discover a wide range of careers in the health care industry. Information regarding health care career clusters and health care careers, body systems, body planes and cavities as well as. Student will also have an overview of the laws and ethics to help provide competent, compassionate care to patients that is within acceptable legal and ethical boundaries. HOSA: Future Health Professionals activities will be integrated throughout the curriculum.
<b>Course:</b> 352	
<b>Credit:</b> .5	
<b>Grade:</b> 10,11, 12	
<b>Prerequisite:</b> Intro to Health Science	
<b>Fee:</b> None	

<b>NURSING ASSISTANT FOUNDATIONS</b>	After successfully meeting Mid State's prerequisite criteria for enrollment, students will be eligible to participate in the Nursing Assistant course. A MSTC Nursing Assistant instructor will lead the evening class in lab hours that will prepare students to work with residents in a clinical setting. Students will spend 72 hours in an off-site lab and 48 hours in a clinical setting outside of the school day. They will study interpersonal communication and social interaction, basic nursing skills, personal care skills, basic restorative skills, the rights of clients and how to care for residents with dementia. Students will achieve certification as a Nursing Assistant once they have completed the certification test and will then be qualified to work as a Certified Nursing Assistant. Additional units in employability will be taught which will address resume building, interviewing techniques and job applications and professionalism. There may be a limited number of seats available in this course.
<b>Course:</b> 351	
<b>Credit:</b> .5 LHS, (3 MSTC)	
<b>Grade:</b> 11, 12	
<b>Prerequisite:</b> Intro to Health Science	
<b>Fee:</b> See course description	

**Students will need to purchase scrubs, the workbook (approximately \$20), and other apparel.**

**Students will need to provide their own transportation to the Mid State CNA portion of the course. Students must be 16 years of age to take the certification test.**

# HEALTH EDUCATION AND HEALTH SCIENCE

## MEDICAL TERMINOLOGY

**Course:** 355.5  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** Approximately \$80.00. Cost is determined by cost of MSTC textbook each year. No waiver allowed.

Students focus on the component parts of medical terms: prefixes, suffixes and word roots. Students will practice formation, analysis, and reconstruction of terms. Emphasis is placed on spelling, definition, and pronunciation. This is an introduction to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems as well as systemic and surgical terminology.

**There may be a limited number of seats available in this course.**

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



## Central Cities Health Institute Designation

During the Externship rotations, the students will experience the daily activities of a wide variety of health care professionals. Some careers they may experience include: veterinary, dental, physical therapy, assisted living/memory care, pharmacy, imaging, chiropractor, occupational therapy, medical assistant, optometry, dietician, social work, laboratory, and nursing. Students who are interested in participating in the Medical Occupations Externship during their senior year **MUST** successfully complete **FOUR** of the health science courses before picking up an application for consideration in this class.

Students will also receive the Central Cities Health Institute (CCHI) designation by their name in the graduation program when they complete the Externship course.

## MEDICAL OCCUPATIONS EXTERNSHIP

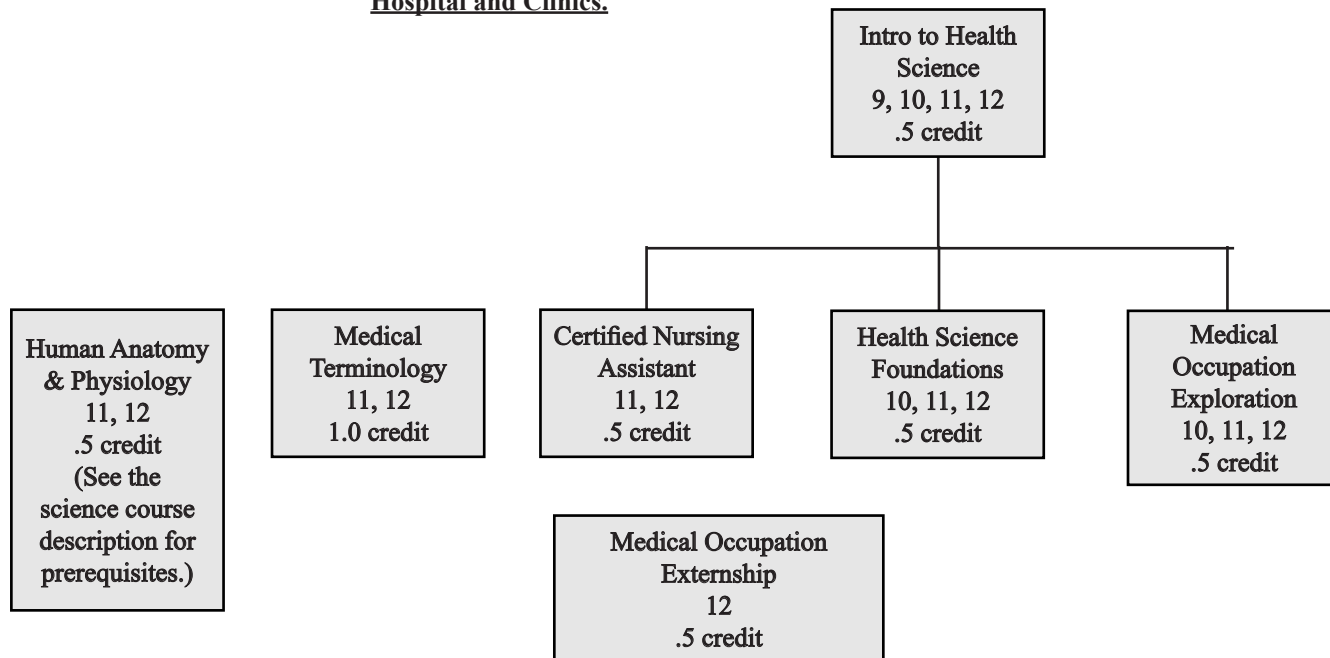
**Course:** 356  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** See course description  
**Fee:** None

Students will be involved in three 4-week externship experiences in local health care settings. The students will have on-the-job training and participate in health care skill development evaluated by their site manager and the classroom teacher. Classroom activities will include online portfolio development and health care skill preparation. This will allow students to gain workplace experience in several of the careers that they studied throughout their health science education. Students will need to have their own transportation to worksites.

**This class is for 12th graders who have taken any four of the classes listed below after they complete Health Education.** Students must apply for this class through instructor. Selection is based on attendance, skills, employability, attitude, personality, and successful completion of the application process.

**There are a limited number of seats available in this course.**

**Students MUST complete the Nursing Assistant course to be eligible for placement at Aspirus Hospital and Clinics.**



# MATHEMATICS



## Courses Required For Graduation From This Department: 3 Credits

Four credits of math-- Algebra 1, Geometry, Algebra 2 and Pre-Calculus-- are strongly encouraged for students who plan to attend a four-year college or university.

### ALGEBRA TOPICS

**Course:** 403  
**Credit:** .5  
**Grade:** 9  
**Prerequisite:** Math 8  
**Fee:** None

### Teacher Recommendation is required for registration in Algebra Topics.

Algebra Topics is a math course for ninth-grade students, which intends to provide a bridge between Math 8 curriculum and the Algebra 1 curriculum. In particular, Algebra Topics begins with a thorough review of number sense and operations using integers, fractions and decimals. Students are then exposed to selected topics from Algebra 1 curriculum emphasizing the solving and graphing of linear equations along with exposure to exponents, square root/perfect squares and some geometry concepts. This first term Algebra Topics course will focus on the understanding of story problems and real-life situations. The overall goal of this course is to ensure student mastery of the previous topics while preparing the student for future success in Algebra 1 and Geometry.

**It is REQUIRED that students registering for Algebra Topics also register for Algebra 1.**

**A scientific calculator is required for this course.**

### ALGEBRA 1

**Course:** 406  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Math 8  
**Fee:** None

The content of Algebra 1 is organized around families of functions, with special emphasis given to linear and quadratic functions. As each family of functions is studied, the student will learn to represent them in multiple ways-- as verbal descriptions, as equations, as tables, and as graphs. The student will also learn to model real-world situations using functions in order to solve problems arising from those situations. In addition to this algebraic content, Algebra 1 includes lessons on probability and data analysis as well as numerous examples involving geometry.

**A scientific calculator is required for this course, however a TI-83 or TI-84 graphing calculator is recommended.**



### GEOMETRY

**Course:** 415  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Passing grade in Algebra 1  
**Fee:** None

Geometry is the second course in the four-year high school math program. Geometry emphasizes reasoning and logical thinking and balances coordinate and plane geometry with transformational geometry and solid geometry. The student will study and practice the concept of proof using a variety of methods. The student will also seek understanding of geometric concepts through construction, incorporating technology as a problem-solving tool. The student will connect geometry to algebra, data analysis, probability, and trigonometry.

**A scientific calculator is required for this course, however a TI-83 or TI-84 graphing calculator would be better.**



### ACCELERATED GEOMETRY

**Course:** 416  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Passing grade in Algebra 1  
**Fee:** None

This Geometry course is designed for students who have shown insight in their study of mathematics. While the course content is very similar to that of Geometry (above), a few additional topics are covered. There is considerably greater emphasis on proof-writing, vector and trigonometric applications. This course is recommended preparation for students planning to continue in accelerated mathematics courses in the future.

**A scientific calculator is required for this course, however a TI-83 or TI-84 graphing calculator is recommended.**

**(Not open to those students who have taken Geometry - 415.)**





# MATHEMATICS

## ALGEBRA 2

**Course:** 409  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Minimum grade of C in Algebra 1 and Geometry or completion of Int. Algebra  
**Fee:** None

Algebra 2, the third course in the four-year high school math program, is devoted to the study of advanced high school algebra topics. *This is a fast-paced course for those who intend to continue their education after high school.* The student will learn about linear, quadratic, exponential, polynomial, rational, and logarithmic functions; discrete mathematics; trigonometry; and probability. *Algebra 2 completes the 3-year **minimum** requirement for college admissions.*

**A graphing calculator is required for this course. A TI-83 or TI-84 is recommended. A limited number of graphing calculators are available for rent through the math department.**



## ACCELERATED ALGEBRA 2

**Course:** 410  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Minimum grade of C in Algebra 1 and Geometry or completion of Int. Algebra  
**Fee:** None

Accelerated Algebra 2 covers all of the topics from Algebra 2, but does so with more detail and more complex problems. Less time will be spent reviewing previously learned material with more emphasis placed on new concepts. In addition, this course will cover a few topics that are not covered in Algebra 2. Accelerated Algebra 2 is recommended for students who plan to pursue college degrees in mathematics, engineering, science or computer science and/or students with high ability in math who are planning to take Calculus at some point.

**A graphing calculator is required for this course. A TI-83 or TI-84 is recommended. A limited number of graphing calculators are available for rent through the math department.**

**(Not open to those students who have taken Algebra 2 - 409.)**



## PRE-CALCULUS

**Course:** 412  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Minimum grade of C in Algebra 2  
**Fee:** None

Pre-calculus, the fourth course in the four-year high school math program, is a study of higher level algebra topics in preparation for calculus. *This is a fast-paced course for those who plan to continue their education after high school.* The student will learn about linear, quadratic, polynomial, and trigonometric functions and transformations of these functions; sequences and series; complex numbers; conic sections; polar and parametric equations; vectors; applications of trigonometry; and limits.

**Students who take Pre-calculus in their junior year are expected to take AP Calculus as seniors. A graphing calculator is REQUIRED for this course. You must have your own calculator to take this course. A TI-83 or TI-84 is recommended.**



## ACCELERATED PRE-CALCULUS

**Course:** 413  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Minimum grade of C in Algebra 2  
**Fee:** None

Accelerated Pre-calculus is a college-prep course which covers all of the topics covered in Pre-calculus (above) but in greater depth. The course is recommended for students who plan to pursue college degrees in mathematics, engineering, science or computer science and/or students with high ability in math who are planning to take Calculus at some point.

**Students who take Pre-calculus in their junior year are expected to take AP Calculus as seniors. A graphing calculator is REQUIRED for this course. You must have your own calculator to take this course. A TI-83 or TI-84 is recommended.**

**(Not open to those students who have taken Pre-Calculus - 412.)**



## EXPLORATIONS IN ALGEBRA, GEOMETRY, AND STATISTICS

**Course:** 419  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Passing grade in Algebra 1, exposure to Geometry and Teacher Rec.  
**Fee:** None

Explorations in Algebra, Geometry, and Statistics, a junior-senior elective, will provide the math student the opportunity to re-visit topics from Algebra, Geometry, and Statistics. The course will emphasize mastery of basic skills and exposure to real-life applications. It would be good preparation for students who are considering options other than a four-year college.

**Explorations is not intended for students who plan to attend a four-year college immediately after high school and is not intended for students who have passed Algebra 2, Intermediate Algebra or higher.**

# MATHEMATICS

## FINANCIAL ALGEBRA

**Course:** 421  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Two credits of high school math  
**Fee:** None

Financial Algebra, a junior-senior elective, is designed to meet the Wisconsin State Financial Literacy Standards by focusing on the mathematical skills and concepts associated with these standards. Students will learn how math can be used in their lives as they learn the “mathematics of money.” Specific topics will include money management; credit and debt management; planning, saving, and investing; relating income and education; becoming a critical consumer; community and financial responsibility; and risk management.

**This course satisfies the Financial Literacy graduation requirement.**

**It is not recommended that students take this class if they have already taken On Your Own or Personal Finance. Students who have already passed Intermediate Algebra or Algebra 2 CANNOT take this course.**

## ACCELERATED FINANCIAL ALGEBRA

**Course:** 422  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Intermediate Algebra or Algebra 2  
**Fee:** None



Accelerated Financial Algebra, a junior-senior elective, is a condensed version of Financial Algebra that is intended for students who plan to continue their education beyond high school. Not only will this course meet the Wisconsin State Financial Literacy Standards but it will also review concepts taught in Algebra 2/Intermediate Algebra. Students will learn how math can be used in their lives as they learn the “mathematics of money.” Specific topics will include money management; credit and debt management; planning, saving, and investing; relating income and education; becoming a critical consumer; community and financial responsibility; and risk management as well as functions, solving and graphing equations, basic data and statistics, and the use of various formulas.

**This course satisfies the Financial Literacy graduation requirement.**

**Students who have already passed Financial Algebra CANNOT take this course.**

## INTERMEDIATE ALGEBRA

**Course:** 420  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Passing grades in Algebra 1 & Geometry OR both semesters of Explorations  
**Fee:** None



Intermediate Algebra, a junior-senior elective, aligns with the Mid-State Technical College Intermediate Algebra with Application course, their entry-level college algebra course. Students enrolling in a Wisconsin Technical College System school after graduation will need Intermediate Algebra (or Algebra 2) for entry into most programs. Topics in Intermediate Algebra include properties of real numbers, order of operations and evaluating expressions, algebraic solutions to linear equations, inequalities, and systems, algebraic solutions to quadratic and radical equations, operations with polynomial and rational expressions, rational exponents, and radicals, linear, quadratic, exponential, and logarithmic functions, and right triangle trigonometry. Students will also study the properties of graphs of functions and relations as well as the inverses of these functions.

**Intermediate Algebra is not an option for students who have been successful in Algebra 2 or higher unless they have teacher permission.**

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

## FOUNDATIONS FOR ADVANCED ALGEBRA

**Course:** 417  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Passing grade in Algebra 1 & Geometry AND teacher recommendation  
**Fee:** None

The goal of this course is to prepare students who struggled in Algebra 1 for a successful experience in Algebra 2. Foundations for Advanced Algebra, a junior-senior elective, is designed to provide the student the opportunity to revisit topics from Algebra 1 and give a preview of beginning topics in Algebra 2. Topics covered in Foundations for Advanced Algebra will include: simplifying expressions, solving linear and quadratic equations, factoring, exponent rules, exponential growth and decay, radicals, fractions, and operations with polynomial expressions.

**It is strongly recommended that students registering for Foundations for Advanced Algebra also register for both terms of Algebra 2. At the time of registration, students registering for this course must turn in a permission slip signed by their current math teacher.**

**A graphing calculator is required for this course. A TI-83 or TI-84 is recommended. A limited number of graphing calculators are available for rent through the math department.**

# MATHEMATICS

## AP STATISTICS

**Course:** 427  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Minimum grade of C in Algebra 2  
**Fee:** None



AP Statistics, a college-level statistics course, is an Advanced Placement course offering open to motivated students in Grade 11 or Grade 12 who have successfully completed Algebra 2. AP Stats is approximately equivalent to a one-semester college statistics course, which is typically required for college majors such as social sciences, health sciences, business, and education. Students are exposed to four broad conceptual themes: Exploring Data, Planning a Study, Anticipating Patterns, and Statistical Inference. Students are expected to take the AP exam in May and may earn college credit. Note: *It is recommended that students take AP Statistics along with another math class; AP Statistics may not fulfill a high school math credit requirement for some universities where statistics is a separate department from mathematics.*

A graphing calculator is **REQUIRED** for this course. You must have your own calculator to take this course. A TI-83 or TI-84 is recommended.

Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.

## AP CALCULUS AB

**Course:** 423  
**Credit:** 1.0  
**Grade:** 12  
**Prerequisite:** Minimum grade of B in Precalculus  
**Fee:** None



AP Calculus AB, a college-level course that follows the four-year high school math program, consists of work in calculus comparable to that of a first semester course in Calculus at the college or university level. **This class will be challenging and time-consuming and it is an expectation that students will spend time outside of class to be successful.** It is expected that students who take AP Calculus AB will seek credit or placement, or both, from institutions of higher learning. *Students taking this class are expected to have a full knowledge of all Precalculus topics including, but not limited to, fractions, factoring, functions, algebraic manipulation and trigonometry.* Topics learned in Calculus will be limits, derivatives and integrals. The Advanced Placement test in Calculus will be given in early May, and those students who choose to take it may earn college credit if they pass the test. Note: Students are **NOT** required to take calculus in high school as a prerequisite for college mathematics.

Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.

Student registered for AP Calculus AB will receive a Pre-Course Skills Review Packet. This packet consists of problems that review math skills covered in previous math classes. It is an expectation that students work on these problems prior to the course beginning and demonstrate proficiency in these areas by the time they begin the course. Students will be tested on this material during the first week of the course.

## AP CALCULUS BC

**Course:** 425  
**Credit:** 1.5  
**Grade:** 12  
**Prerequisite:** Minimum grade of B in Precalculus  
**Fee:** None

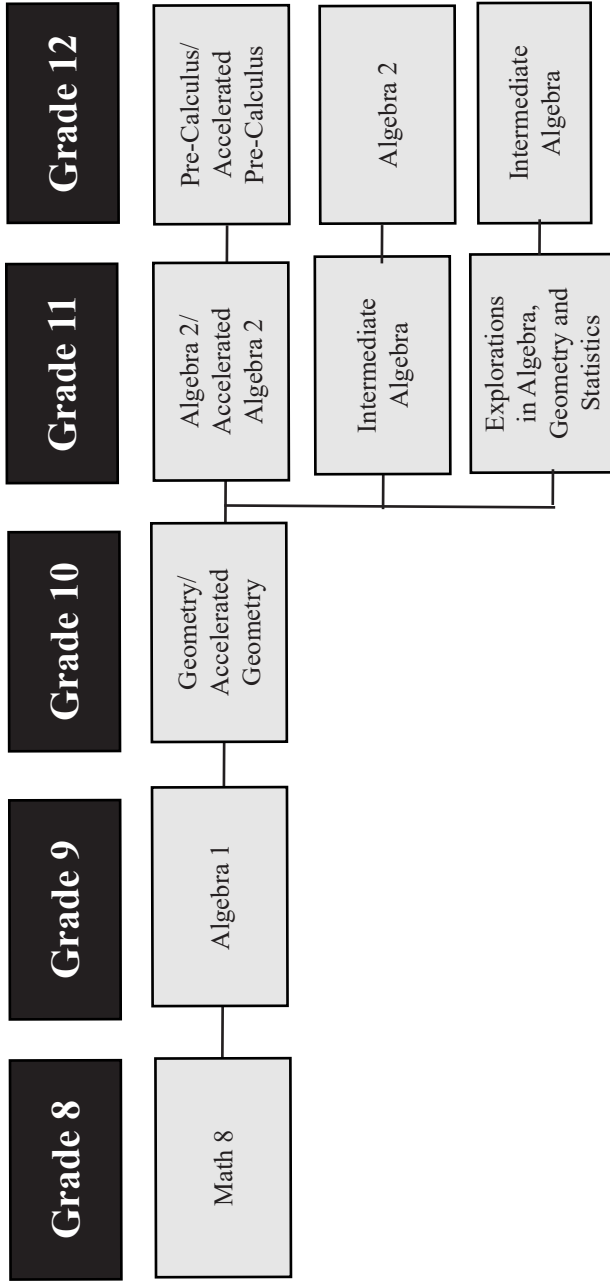


AP Calculus BC, a college-level course that follows the four-year high school math program, is comparable to that of a first and second semester course in Calculus at the college or university level. **This class will be challenging and time-consuming, and it is an expectation that students will spend time outside of class to be successful.** It is expected that students who take AP Calculus BC will seek credit or placement, or both, from institutions of higher learning. *Students taking this class are expected to have a full knowledge of all Precalculus topics including, but not limited to, fractions, factoring, functions, algebraic manipulation and trigonometry.* Topics learned in Calculus will be limits, derivatives, integrals, sequences and series, parametric equations and vector equations. Note: Students are **NOT** required to take calculus in high school as a prerequisite for college mathematics.

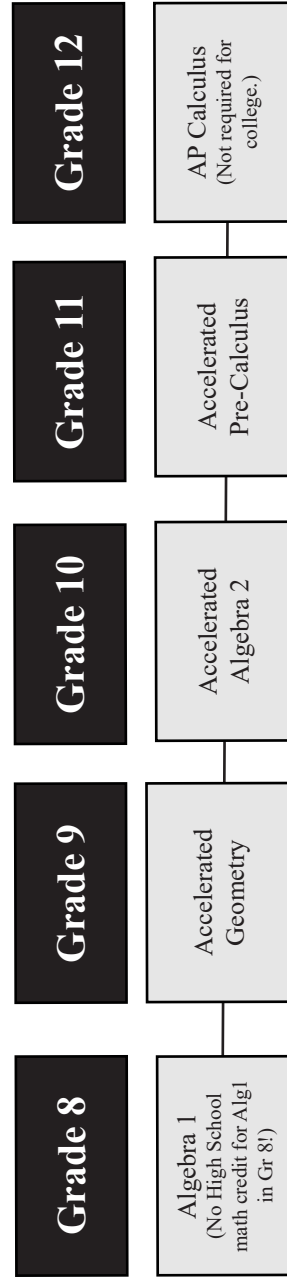
The Advanced Placement test in Calculus will be given in early May and is **required** of those students who choose to take Calculus BC. Students may earn college credit if they pass the test. Students will need to pay for the AP exam and will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.

Students registering for AP Calculus BC will receive a Pre-Course Skills Review Packet. This packet consists of problems that review math skills covered in previous math classes. It is an expectation that students work on these problems over the summer and demonstrate proficiency in these areas by the time they return in the fall. Students will be tested on this material during the first week of school.

# Mathematics



# Course Flowchart--Accelerated Sequence



# Junior/Senior Math Electives



# MUSIC



## Courses Required For Graduation From This Department: None

### **BAND 9**

**Course:** 650  
**Credit:** 1.5  
**Grade:** 9  
**Prerequisite:** Band 8  
**Fee:** None

Band 9 is offered to all students with previous experience on a traditional band instrument. Skills and concepts from the previous year are developed and expanded upon. In addition to continued refinement of individual performance skills, greater emphasis is placed on ensemble performance skills. Students will continue to develop their knowledge of music theory, begin to analyze and evaluate music, and use critical thinking skills to make refinements in their performance.

**1st Trimester all students participate in Marching Band - there is a required camp scheduled in August (before school starts)**

**Concert attendance is required, and a grade is assigned to concert attendance.  
Students are required to wear black for most concerts.**

### **CONCERT BAND**

**Course:** 656  
**Credit:** 1.5  
**Grade:** 10, 11, 12  
**Prerequisite:** Band 9  
**Fee:** None

Concert Band is offered to all students with previous experience on a traditional band instrument. Continued emphasis is given to the development of musicianship and basic skills through a large repertoire of appropriate level band literature. Involvement in this course will acquaint students with many of the life skills necessary to be successful in the workplace including personal relations, problem solving and working as a team to produce a product.

**1st Trimester all students participate in Marching Band - there is a required camp scheduled in August (before school starts)**

**Concert attendance is required, and a grade is assigned to concert attendance.  
Students are required to wear black for most concerts.**

### **WIND ENSEMBLE**

**Course:** 653  
**Credit:** 1.5  
**Grade:** 10, 11, 12  
**Prerequisite:** Audition  
**Fee:** None

Wind Ensemble is comprised of a select group of instrumental music students who thrive on the challenge of difficult wind literature. Students work towards mastering the concepts and skills in rich tone quality, group and individual intonation, expressing appropriate style for various time periods, advanced articulations, and fluid technique. Precision in music reading is expected. Involvement in this course will acquaint students with many of the life skills necessary to be successful in the workplace including personal relations, problem solving and working as a team to produce a product.

**1st Trimester all students participate in Marching Band - there is a required camp scheduled in August (before school starts)**

**Concert attendance is required, and a grade is assigned to concert attendance.  
Students are required to wear black for most concerts.**

### **ORCHESTRA 9**

**Course:** 660  
**Credit:** 1.5  
**Grade:** 9  
**Prerequisite:** Orchestra 8  
**Fee:** None

Orchestra 9 is offered to all students with previous experience in orchestra (violin, viola, cello, bass). Emphasis is placed on developing musical independence through the study of challenging, yet exciting repertoire. Ninth grade orchestra students will learn basic music theory, vibrato and how to peg-tune. They will have an opportunity to join the following co-curricular activities: Chamber Players, Mariachi Band, Fiddle Squad, Pit Orchestra, and Solo and Ensemble Festival.

**Concert attendance is required, and a grade is assigned to concert attendance.  
Students are required to wear all black for most concerts.**

# MUSIC

## STRING ORCHESTRA

**Course:** 664  
**Credit:** 1.5  
**Grade:** 10  
**Prerequisite:** Orchestra 9  
**Fee:** None

String Orchestra is intended for all 10th grade string students who have completed Orchestra 9. In String Orchestra, an emphasis is placed on developing independent playing through an ensemble experience. Students will be introduced to advanced position work through string-only repertoire that will challenge and inspire them. Co-curricular groups offered with String Orchestra membership include Chamber Players, Mariachi Band, Pit Orchestra, Fiddle Squad, and participation in Solo and Ensemble Festival.

**Concert attendance is required, and a grade is assigned to concert attendance.**  
**Students are required to wear all black for most concerts.**

## SYMPHONY ORCHESTRA

**Course:** 663  
**Credit:** 1.5  
**Grade:** 11, 12  
**Prerequisite:** Orchestra 9  
**Fee:** None

Symphony orchestra is offered to junior and senior students of violin, viola, cello, and double bass. The main emphasis of the class is to gain a thorough understanding of string and full orchestra techniques and literature. Students will continue to refine their skills, while introducing new time signatures, advanced position work, and repertoire. Co-curricula groups offered with Symphony membership include: Chamber Players, Fiddle Squad, Mariachi Band, Pit Orchestra, and Solo & Ensemble Fest.

**Concert attendance is required, and a grade is assigned to concert attendance.**  
**Students are required to wear all black for most concerts.**

## MUSIC HISTORY AND LITERATURE

**Course:** 684  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This one term class is designed to give students a better understanding of all musical periods and styles. There will be study of different periods of music and of composers and their musical contributions. There will be a large amount of listening to many musical examples, as well as the study of analytical listening skills.



## CHOIR 9

**Course:** 670  
**Credit:** 1.5  
**Grade:** 9  
**Prerequisite:** None  
**Fee:** None

This choir is open to any 9th Grade student who likes to sing and wants to strengthen their music skills. Emphasis is placed on rhythmic and melodic reading skills as well as healthy vocal production. Students will continue to grow as a musician individually as well as being a strong ensemble member. Solo and ensemble participation is encouraged and strengthens music preparation and performance skills. This choir sings music of many various styles and performs at concerts.

**Participation in all concerts is required.**

Choir can be taken for One Semester (1/2 Credit) for students in Band and Orchestra, and for students with scheduling conflicts.

## BEL CANTO CHORUS

**Course:** 673  
**Credit:** 1.5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This choir is open to all treble voices. Bel Canto will explore a wide range of music written for treble choir. Singers will continue to develop their music reading, vocal production and performance skills. Participation in solo and ensemble festival is encouraged to enhance student growth and achievement. This choir performs at concerts.

**Participation in all performances is required.**

# MUSIC

## LHS MIXED CHOIR

**Course:** 676  
**Credit:** 1.5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This choir is open to soprano, alto, tenor and bass voices. Singers will continue to develop their music reading, vocal production and performance skills while singing a wide variety of music and styles. Participation in solo and ensemble festival is encouraged to enhance student growth and achievement. This choir performs at concerts.

**Attendance at concerts is required.**

Co-curricular opportunities include: Chamber/Jazz Singers, Spring Musical and Solo/Ensemble Festival.

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## MUSIC THEORY

**Course:** 686  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

Music Theory is designed to expose students to basic music notation, rhythmic notation, time signatures, and key signatures. Students will also develop listening skills and aural training (i.e. hear what is written) to be able to identify basic rhythms, melodies, intervals, and chords. More complex aspects of the musical language will be introduced, such as time signatures, minor scales, transposition, two-part harmony, basic triads and choral harmonies. Aural skills and ear training will be further developed through rhythmic and melodic examples, as well as the introduction of sight singing. Related concepts will be introduced to build upon the students' vocabulary.

**Music Theory is a prerequisite for AP Music Theory.**

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## AP MUSIC THEORY

**Course:** 685  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Music Theory  
**Fee:** None

AP Music Theory is a rigorous study of music theory for students interested in pursuing music beyond high school. The focus will be on skills required to be successful as a first year music student at a college, university or conservatory. The course is designed to prepare students for the AP music theory test in the spring. Students considering this class should have a strong background in music, including the ability to read both bass and treble clefs fluently. Course content will include harmony and harmonic analysis, melodic and rhythmic structure, part-writing, formal analysis, score reading, and a music history overview. Personal musical skills will be developed daily through ear-training, dictation and sight singing. Although keyboard skills are not required, they are beneficial and should be developed during the term of the class.



**Students choosing to take the AP exam will be charged approximately \$94.00. The cost of the AP exam is determined by the College Board.**

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## MUSIC TECHNOLOGY

**Course:** 687  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Interview with instructor  
**Fee:** None

This course is project-based in the study of digital notation, sound production, and recording. Students will focus on several aspects of music technology including on-line music notation software and current sound technologies. Students will also learn the ins and outs of making professional recordings in a studio setting.

# PHYSICAL EDUCATION



## Courses Required For Graduation From This Department: 1.5 Credits

Physical Education I and 1 additional credit are required.  
It is recommended that students complete their physical education requirement in their junior year.

### PHYSICAL EDUCATION I

**Course:** 881  
**Credit:** .5  
**Grade:** 9  
**Prerequisite:** None  
**Fee:** None

All ninth grade physical education classes are co-ed. Activities in physical education for the ninth grade will be: football, games (large and small groups), speedway, basketball, volleyball, softball, weight training, rhythm/dance, fitness, floor hockey, badminton, and tennis. There will be a weekly emphasis on an aerobic workout.

### PHYSICAL EDUCATION II

**Course:** 882  
**Credit:** .5  
**Grade:** 10  
**Prerequisite:** Physical Education I  
**Fee:** None

Emphasis will be placed on being in the Healthy Fitness Zone (fitness-gram). Students will achieve/strive to be in the Healthy Fitness Zone through workouts as well as learning and playing team sports. The sports which promote personal and social relationships include (but are not limited to): flag/touch football, soccer, softball, ultimate frisbee, tennis, pickleball, raiderball, basketball, volleyball, bukaball, swimming, intro to physical fitness, and strength training.

### INDIVIDUAL & DUAL LIFETIME

**Course:** 883  
**Credit:** .5  
**Grade:** 10, 11  
**Prerequisite:** Physical Education I  
**Fee:** \$15.00

Students will develop an understanding of the skills and strategies involved in a choice of individual and dual sports. A variety of lifetime sports are offered within the curriculum to enhance the student's self-concept and personal well-being.

Activities for Individual & Dual Lifetime in trimesters 1 and 3 include tennis, archery, golf, pickleball, badminton, pool games, self defense, curling, bowling, and broomball.

Activities for Individual & Dual Lifetime in trimester 2 include cross country skiing, curling, badminton, pickleball, table tennis, pool games, bowling, broomball, biathlon, snowshoe, self-defense and softball.

Fee applies to in-class bowling, and curling and self-defense field trips.

### STRENGTH CONDITIONING AND FITNESS

**Course:** 884  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Physical Education I  
**Fee:** None

This course will emphasize the general principles of fitness. Students will be given the opportunity to improve their general physical preparedness (GPP) by working within the 10 Physical Skills: cardiovascular, stamina, strength, flexibility, power, speed, coordination, agility, balance & accuracy.

Students will also be exposed to sport-specific preparation (SPP) by creating individualized strength programs. **Out of class time will be expected.**

(May be repeated with instructor approval.)

### STRENGTH CONDITIONING AND FITNESS (BLENDED)

**Course:** 884.1  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** None  
**Fee:** None

This course will cover the same material as the current Strength & Fitness course, however the daily requirement to attend would not be expected.

There will be certain required days of the week for physical attendance, as well as finding time to schedule one-on-one time with the instructor, but 2-3 days each week students will accomplish the curriculum using activities approved by the instructor and documented through in an online format (website).

These will be opportunities for students to workout on their own time and document what they have done online.

Formative grading will be online while the summative portion of the grade will need to be accomplished in front of the instructor either in one-on-one, small group, or regularly scheduled class period.



# PHYSICAL EDUCATION

## TRIATHLON/AEROBICS- TRAINING

**Course:** 886  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** None

Students will take part in a triathlon training program that includes swimming, biking, and running and concludes with a “sprint triathlon” competition. Students will also be given the opportunity to improve their cardiovascular endurance plus shape and tone their bodies through aerobic activities such as: tae bo, step, Pilates, hip-hop, P-90X and more.

## LIFE RESPONDERS

**Course:** 892  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** \$110.00

This course is designed to teach and certify students in First Aid, Professional Rescuer CPR, Lifeguarding and WSI (Water Safety Instruction). Students who successfully complete this course can be certified as lifeguards and swimming instructors based on the guidelines of the American Red Cross. This class has an online and in-class component; successful completion of both is required for certification.

**Advanced Swimming skills are required to take this class. Continuous swimming of 300 yards, 2 minutes of treading water, and knowledge of the 4 competitive strokes, side stroke, and elementary backstroke is necessary. The 2nd day of class will test out prerequisite skills.**

## OUTDOOR EDUCATION F/S

**Course:** 890FS  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** \$30.00

This course will emphasize group cooperation and improved mental, physical, mental and emotional conditioning through the exploration of team building and outdoor pursuits. Units covered will be Canoeing, Rock Climbing/Rappelling, Snorkeling/Scuba, High Ropes Course, Initiative Tasks, Orienteering, Biking, Broom ball.

**Students should have a proficient level of fitness.  
 This course is offered in trimesters 1 and 3.**

## WINTER OUTDOOR EDUCATION

**Course:** 890W  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** \$30.00

This course will emphasize group cooperation and improved mental, physical, mental and emotional conditioning through the exploration of team building and outdoor pursuits. Units covered will be Indoor Rock Climbing/Rappelling, Snorkeling/Scuba, High Ropes Course, Initiative Tasks, Orienteering, Snowshoeing, Broom ball, Cross Country Skiing, Curling.

**Students should have a proficient level of fitness.  
 This course is offered in trimester 2.**

## SPORTS CHALLENGE

**Course:** 888  
**Credit:** .5  
**Grade:** 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** None

Sports Challenge includes advanced skill development in a variety of activities. A number of highly competitive tournaments and contests will take place. Individual game strategies and officiating skills will be explored and demonstrated. Activities include tennis, lacrosse, flag football, softball, ultimate, soccer, basketball, volleyball, floor hockey, pool games, badminton, broomball, dodgeball, table tennis, pickleball.

There will be a high emphasis on competition and effort.

## WIAA REFEREE CERTIFICATION

**Course:** 893  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Physical  
 Education I  
**Fee:** None

This course will cover many basics of officiating and rules of the games. Students will have the ability to become WIAA registered officials in a variety of sports including, but not limited to: soccer, basketball, volleyball, baseball, softball & football. The course will also explore the coaching aspect of athletics including practice planning, player development and philosophy, and tactics.

Do you have on-the-spot decision making skills, self-confidence, the dedication and determination necessary to work hard, and personal integrity? Consider becoming a certified WIAA referee! Learn the rules of the sports you’re interested in and the ins-and-outs of officiating, with the goal of preparing yourself to earn the license required for the world of working as a WIAA referee.

## MOBILITY, FITNESS & NUTRITION

**Course:** 885  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Instructor/  
 counselor  
 approved  
**Fee:** None

This course will emphasize movement and fitness concepts that some young adults struggle with. It will be a course that prepares students to be more physically active, gain a better self-image and continue to improve their fitness level. We will also explore nutrition and the benefits of clean eating.

This course can be taken more than once with **instructor approval.**

**It is recommended that students complete their physical education requirement by their junior year.**

# SCIENCE



**Courses Required for Graduation From This Department: 3 Credits**  
**\*1 credit of science should be taken in both 9th and 10th grade.**

It is recommended that students take a class in all 5 categories (Biology, Chemistry, Physics, Earth, and Environmental) for a well rounded knowledge base.

**OBJECTIVES:** The science program will provide students the opportunity to:  
-discover science rather than learn only facts  
-become scientifically literate  
-develop the ability to live harmoniously with nature  
-understand the processes of science

## BIOLOGY

### **MACROBIOLOGY** **(Formerly Princ. of Biology)**

**Course:** 324  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None

This inquiry based course is designed for students who are interested in the study of living organisms and need to take science courses to meet graduation or college entrance requirements. Students will learn the major characteristics of organisms in each of the currently recognized Kingdoms by studying representatives of each of the Kingdoms. Students will observe, grow, and dissect various organisms. The course also investigates natural systems and cycles - the ways living things are interconnected and interact with each other. This course is a hands on approach to science education that stresses inquiry. Methods of study will involve lab work, experimentation, lecture, projects, dissection, and discussion.



### **MICROBIOLOGY** **(Formerly CNS 10 B)**

**Course:** 315  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

This inquiry based course is designed for students who are interested in the study of living organisms, need to take an additional science course to meet graduation or college entrance requirements, and who want to take Biotechnology Explorations. This course focuses on biology on a cellular level; students will investigate the structure of cells and functions of cell organelles; DNA, genetics, and inheritance; and the evolution of life on Earth. This course is a hands-on approach to science education that stresses inquiry. Methods of study will involve lab work, lecture, projects, and discussion.



### **LIFE SCIENCES AND SOCIETY**

**Course:** 342  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

This is a project-based course in which students explore current issues confronting society from a scientific perspective. Emphasis will be placed on critical thinking skills, research, and evidence-based decision making. Topics may include but are not limited to: current advances in biotechnology, food safety, emerging pathogens, global population trends, human health issues, loss of biodiversity, and others as determined by the instructor. The goal of this class to increase science literacy and empower students to use scientific reasoning and critical thinking skills to gain reliable information, solve problems and make sound decisions in their own lives.

\*This is a non-lab based course, students planning to attend college should take the course as credits beyond the 3 required in natural science.



### **TOPICS IN LIFE SCIENCE**

**Course:** 313  
**Credit:** .5  
**Grade:** 9, 10  
**Prerequisite:** None  
**Fee:** None

Students will learn about cells, DNA, genetics, evolution, and ecology through the exploration of real life phenomena such as cancer, albinism, dog breeds, cicadas, parasites, and/or animals in Africa. Lessons are driven by student questions as they interact with each phenomenon. Students will use science skills to explore their topics, analyze data, develop models and come up with answers to their own questions and explanations for the phenomena. Active participation by the student in the investigation of topics is required in order to successfully complete this course.

## SCIENCE

### HUMAN ANATOMY & PHYSIOLOGY

**Course:** 326  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00



This biology course is designed for students who are interested in learning about how the human body functions. Through lab, lecture, projects, and discussion based activities students will study the structure and function of various organ systems of their bodies. Students will learn the location and names of muscles, bones and organs. The physiology of organ systems will be studied to discover the proper functioning of each system, with an emphasis on making healthy lifestyle choices. Vertebrate dissections are an integral part of the course.

### PRINCIPLES OF BIOMEDICAL SCIENCE (PLTW)

**Course:** 344  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** C or better in last science class, or instructor consent. Microbiology recommended  
**Fee:** \$10.00



This course is the introductory course of the Project Lead The Way (PLTW) Biomedical Science program. It is a rigorous, fast-paced class where students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of two trimesters, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency and collaborating with others to design solutions to local and global medical problems. The activities introduce students to forensic science, genetics, human physiology, medicine, microbiology, and public health.

Some colleges award credit for this class based on scores on a national end of course exam.

### HUMAN BODY SYSTEMS (PLTW)

**Course:** 329  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Microbiology with a C or better. Princ. of Bio. Science or Human Anatomy recommended  
**Fee:** \$10.00

Students examine the interactions of body systems as they explore the identity, communication, power, movement, protection, and homeostasis of the human body. Students will design experiments, investigate the structures and functions of the human body through a number of dissections, and use data collection software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the role of bio-medical professionals to solve medical mysteries.

Some colleges award credit for this class based on scores on a national end of course exam.

### BIOTECHNOLOGY EXPLORATIONS

**Course:** 328  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Microbiology  
**Fee:** \$10.00



In this exciting biology course students will discover the structure of the DNA molecule and current technology associated with DNA: in forensics, agriculture, medicine, and industry. Specific lab activities include genetic modification of bacteria to make them glow in UV light, DNA fingerprinting, amplification of students' DNA by PCR, testing of corn products to determine genetic modification, current understanding of cancer and its genetic origins, and investigation of stem cell research. Ethical considerations of the use of biotechnology will be investigated. This is a lab-based course that also includes lecture, discussion, modeling, internet research, use of technology, and group projects.

## PHYSICS

### CONCEPTUAL PHYSICS (Formerly CNS 9 A)

**Course:** 308  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None



Conceptual Physics is a laboratory course that covers topics in motion, forces, momentum, energy, waves, sound, and light. The course focuses on concepts, as students will use reasoning and problem-solving skills. It will de-emphasize the mathematics, but not eliminate it. The math related to this course focuses on basic arithmetic with simple algebra and will be reinforced throughout the course. The focus will be to gain a better descriptive understanding of the world around them by applying physics concepts.

# SCIENCE

## TOPICS IN PHYSICAL SCIENCE

**Course:** 314  
**Credit:** .5  
**Grade:** 9, 10  
**Prerequisite:** None  
**Fee:** None

Students will learn about chemistry, physics, and earth science through the exploration of real life phenomena such as hot & cold packs, sounds, extreme weather, collisions and explosions, Antarctic fossils and/or how cell phones work. Lessons are driven by student questions as they interact with each phenomenon. Students will use science skills to explore their topics, analyze data, develop models, and come up with answers to their own questions and explanations for the phenomena. Active participation by the student in the investigation of topics is required in order to successfully complete this course.

## PHYSICAL SCIENCES AND SOCIETY

**Course:** 343  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

This is a project-based course in which students explore current issues confronting society from a scientific perspective. Emphasis will be placed on critical thinking skills, research, and evidence-based decision making. Topics may include but are not limited to: water & air quality, depletion of resources, global climate change, exploring space, meeting energy needs, nanotechnology and others as determined by the teacher. The goal of this class to increase science literacy and empower students to use scientific reasoning and critical thinking skills to gain reliable information, solve problems and make sound decisions in their own lives.



\*This is a non-lab based course, students planning to attend college should take the course as credits beyond the 3 required in natural science.

## PHYSICS 101 A - FORCE AND MOTION

**Course:** 340  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Geometry  
**Fee:** None

The way things move have fascinated society for centuries. This highly hands on class studies movement from various aspects. Topics studied will include measurement, one and two dimensional motion, forces, momentum, and energy. These essential topics of physics are covered using laboratory experiments, problem solving, collaboration, and discussion. The emphasis is on the descriptive aspects of physics, but concepts will be reinforced through problem solving.

Physics 101 - Force and Motion is not a prerequisite of General Physics 1, however it may be taken before General Physics 1. Students who have passed General Physics 1 cannot take Physics- Force and Motion.



**\*NOTE:** In order to receive UWSP credit you need to register for and take Physics 101 in its entirety in your junior or senior year.

## PHYSICS 101 B - FORMS OF ENERGY

**Course:** 341  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Geometry  
**Fee:** None

Energy is a key part of society. This hands on class will study energy in its most essential forms. This course will expand the study of physics that was introduced in CNS 9. Topics studied will include measurement, waves, sound, light, heat, electricity and magnetism. These essential topics of physics are covered using laboratory experiments and classroom materials. The emphasis is on the descriptive aspects of physics, but concepts will be reinforced through problem solving.

Physics 101 - Forms of Energy is not a prerequisite of General Physics 1, however it may be taken before General Physics 1. Students who have passed General Physics 1 cannot take Physics - Forms of Energy.



**\*NOTE:** In order to receive UWSP credit you need to register for and take Physics 101 in its entirety in your junior or senior year.

## PHYSICS 101

**Course:** 353  
**Credit:** 1.0 LHS credit  
                   5.0 UWSP credits  
**Grade:** 11, 12  
**Prerequisite:** Geometry and  
                   UWSP enrollment  
**Fee:** Approximately  
                   \$495

Physics 101 is a concurrent enrollment course with UW-Stevens Point which combines Physics 101 A and 101 B. Physics 101 is a natural science elective course designed for college students seeking degrees in liberal arts, elementary education, general education, communicative disorders, nursing, medical support (not doctors), physical education and non-science majors.

**Students taking this course must sign up for concurrent enrollment credit. See page 12 for further details.**

Physics 101 cannot be taken after Physics-Forms of Energy or Physics-Force and Motion or General Physics 1 (formerly known as AP Physics 1).



If you wish to enroll in this course but not take it for UWSP credit, sign up for Physics 101 A - Force and Motion and/or Physics 101 B - Forms of Energy.

# SCIENCE

## GENERAL PHYSICS 1

**Course:** 345  
**Credit:** 1.0 LHS credit  
4.0 MSTC credits  
**Grade:** 10, 11, 12  
**Prerequisite:** Algebra 2  
**Fee:** None

General Physics 1 is a dual enrollment course with Mid-State Technical college that transfers to all of the UW system campuses and many out of state and private universities. General Physics 1 presents the applications and theory of basic physics principles. This course emphasizes problem solving, laboratory investigation, and applications. Topics include unit conversion and analysis, vectors, translational and rotational kinematics, translational and rotational dynamics, heat and temperature, and harmonic motion and waves. Students who wish to take the AP Physics 1 exam can still do so but note one unit of the AP Physics 1 exam will NOT be covered in General Physics 1. This is a great class for students who are looking to major in any of the natural sciences, engineering or engineering technology, natural resources and medicine or veterinary science.



**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**



**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

## ENVIRONMENTAL

### ENVIRONMENTAL SCIENCE 1

(Formerly CNS 10 B)

**Course:** 312  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None

This course will explore ecological and environmental science concepts. During ecosystems study, specific topics of study are the scientific management of forests, animals and water. Sustainability of resources, human impact on the environment including recycling and renewable energy concepts will be explored. Methods of study include lecture, in-class and outdoor labs, discussion, use of classroom materials and technology. Extensive class time will be held outside doing laboratory exercises.



### ENVIRONMENTAL SCIENCE 2

(Formerly Princ. of the Environment)

**Course:** 320  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Drivers License and Environmental Science 1  
**Fee:** \$10.00

This upper-level hands-on course will give the student an opportunity to further their understanding of our environment through in depth study. Students will study the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. They will identify and analyze environmental problems both natural and human made. Students will evaluate the risks and solutions to these problems from both a citizen and political point of view. Students will be required to travel to the Grand Rapids Lions Club property. Extensive class time will be held outside doing laboratory exercises and students will need to have taken Environmental Science 1. Students will provide their own transportation to and from Lincoln and provide proof of vehicle insurance. This class is a prerequisite for AP Environmental Science.



### AP ENVIRONMENTAL SCIENCE

**Course:** 323  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Drivers License and Environmental Science 2  
**Fee:** \$10.00

AP Environmental Science is designed to be the equivalent of a one semester, introductory college course in environmental science and specifically intended for those students who intend to take the college Board AP Environmental Science exam in May. (There will be a cost for this exam ) This course will provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**



# SCIENCE

## CHEMISTRY

### CHEMISTRY 1

(Formerly CNA 10 A)

**Course:** 333  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

This course is the introductory offering in the sequence of chemistry courses offered at LHS. Chemistry is the study of matter and topics covered will include atomic structure, the periodic table, chemical nomenclature and notation, chemical bonding, a survey of chemical reactions, and the states of matter. Successful completion of Chemistry 1 prepares the student for entry into Chemistry 2. Methods of study will include laboratory work, modeling activities, guided inquiry, lectures, and discussion.



### CHEMISTRY 2

(Formerly Princ. of Chemistry)

**Course:** 330  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Chemistry 1 and Algebra 1  
**Fee:** \$10.00

This course will continue the study of chemistry that was started in Chemistry 1. This course is designed for students who need to take an additional science course to meet graduation or college entrance requirements, and also for students who desire to take AP Chemistry or Chemistry 3. Chemistry is the study of matter. Topics studied will include chemical compounds, chemical quantities, chemical equations, water and solutions, molecular structure and intermolecular forces. Methods of study will include laboratory work, lecture and discussion.

**A scientific calculator is recommended for this class.**



### CHEMISTRY 3

(Formerly Chemistry Applications)

**Course:** 332  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Chemistry 2  
**Fee:** \$10.00

This course will continue the study of chemistry that was started in Chemistry 2. This course is designed for students who need to take an additional science course to meet graduation or college entrance requirements. Topics studied will include the behavior of gases, thermochemistry, electrochemistry, acid-base reactions, and equilibrium. These essential topics of chemistry are covered using laboratory experiments and classroom materials.

**A scientific calculator is recommended for class.**



### AP CHEMISTRY

**Course:** 331  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Chemistry 2  
**Fee:** \$10.00

AP Chemistry is designed to be the equivalent of a general chemistry course taken during the first year of college. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will be covered in considerable depth. Students will engage in laboratory work that challenges their abilities to think clearly and to express their ideas with clarity and logic including an emphases on chemical calculations and the mathematical formulation of principles.

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

**There is a summer assignment for this class. Students will read three chapters and complete problems and exercises related to those chapters. There will be a quiz on the summer work the first week of school.**



# SCIENCE

## EARTH SCIENCE

### **EARTH STRUCTURE & PROCESSES**

(Formerly CNS 9 B)

**Course:** 309  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** None

Earth Structure and Process is an introductory course in earth sciences. Students will learn about how scientists study earth and the processes that happen around us. Topics will include earth's interior layers, plate tectonics and its impacts, and factors that influence weather and climate. Students will learn what we know about earth and how we know it.



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### **PHYSICAL GEOLOGY**

**Course:** 336  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Earth Structure and Processes  
**Fee:** \$10.00

Through studying properties of minerals, the formation of rocks, weathering and erosion, and plate tectonics, students will gain an understanding of why the Earth's surface looks the way that it does. Students will use their understanding of geological processes to explore the history of landforms in Central Wisconsin. This course will help students with an interest in Earth Science meet graduation and college entrance requirements.



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### **ASTRONOMY**

**Course:** 327  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Algebra 1  
**Fee:** None

Students will explore the universe and earth's place in it along with the scientific processes that we use to understand it. Students will learn about the development of models that improved our understanding of the broader universe. Topics will include the formation, scale, and structure of our solar system, stars, galaxies, and the greater universe. This course will help students with an interest in Astronomy meet graduation requirements and college entrance requirements.

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### **METEOROLOGY, OCEANOGRAPHY, AND CLIMATOLOGY**

**Course:** 338  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Earth Structure and Processes  
**Fee:** None

Students will explore the characteristics of the atmosphere and the oceans and investigate the processes that influence weather and climate. Major topics will include physical and chemical properties of the oceans, weather patterns that affect Central Wisconsin and North America, and worldwide climate patterns and their causes. Students will use tools of meteorologists to understand local weather, and historical and current climate data to investigate patterns of climate change. This course will help students with an interest in Earth Science meet graduation and college entrance requirements.



# Science

# SCIENCE

## Biology

Macrobiology  
 9, 10, 11, 12  
 .5 credit  
  
 Microbiology  
 10, 11, 12  
 .5 credit  
  
 Human Anatomy & Physiology  
 10, 11, 12  
 .5 credit  
  
 \*Principles of Biomedical  
 Science (PLTW)  
 10, 11, 12  
 1.0 credit  
  
 \*Human Body Systems (PLTW)  
 10, 11, 12  
 1.0 credit  
  
 \*Biotechnology Explorations  
 10, 11, 12  
 .5 credit

## Physics

Conceptual Physics  
 9, 10, 11, 12  
 .5 credit  
  
 \*Physics 101 A-Force and  
 Motion  
 10, 11, 12  
 .5 credit  
  
 \*Physics 101 B -Forms of  
 Energy  
 10, 11, 12  
 .5 credit  
  
 \*Physics 101  
 10, 11, 12  
 1.0 credit  
  
 \*General Physics 1  
 10, 11, 12  
 1.0 credit

## Environmental

Environmental Science 1  
 9, 10, 11, 12  
 .5 credit  
  
 \*Environmental Science 2  
 10, 11, 12  
 .5 credit  
  
 \*AP Environmental  
 Science  
 10, 11, 12  
 .5 credit

## Chemistry

Chemistry 1  
 9, 10, 11, 12  
 .5 credit  
  
 \*Chemistry 2  
 10, 11, 12  
 .5 credit  
  
 \*Chemistry 3  
 10, 11, 12  
 .5 credit  
  
 \*AP Chemistry  
 10, 11, 12  
 1.0 credit

## Earth Science

Earth Structure & Processes  
 9, 10, 11, 12  
 .5 credit  
  
 \*Physical Geology  
 10, 11, 12  
 .5 credit  
  
 \*Astronomy  
 10, 11, 12  
 .5 credit  
  
 \*Meteorology,  
 Oceanography, and  
 Climatology  
 10, 11, 12  
 .5 credit

## Interdisciplinary

Topics in Life Science 9, 10 .5 credit	Topics in Physical Science 9, 10 .5 credit
Life Sciences and Society 11, 12 .5 credit	Physical Science and Society 11, 12 .5 credit

**Note:** This is not a flow chart. Each box contains a list of science course offerings within a science category. Please refer to pages 50-55 for course descriptions. If you have a specific career pathway in mind we encourage you to discuss your options with your school counselor or a science teacher. Please also refer to page 6 for technical and four year college information.

\*1 credit of science should be taken in both 9th and 10th grade.

\* = Course prerequisites



# SOCIAL STUDIES



## Courses Required For Graduation From This Department: 3 Credits

Human Geography or AP Human Geography- 1 Credit  
 Contemporary American History, AP United States History, or America's Voice & America's Story- 1 Credit  
 American Government, The Law, or AP American Government- .5 Credit  
 Social Studies Electives - 1/2 Credit

### HUMAN GEOGRAPHY

**Course:** 200  
**Credit:** 1.0  
**Grade:** 9  
**Prerequisite:** None  
**Fee:** None

In Human Geography A, students will explore the unique environments in which people around the world live and how those environments shape an individual group's way of life. After investigating topics, such as world population, resource availability, folk and popular culture, world religion, and race and ethnic constructs, students will have a broad understanding of the forces shaping our current world. In Human Geography B, students will explore the development of countries and forces shaping countries today. After investigating topics, such as political organization, the global community, global economic development, and land use and food production, students will have a broad understanding of the forces shaping our current world. Additionally, there will be a special emphasis on the development of social studies disciplinary skills; students will have ample opportunity to complete inquiry projects, take positions and propose solutions to modern issues, and participate in debates and simulations.



### CONTEMPORARY AMERICAN HISTORY

**Course:** 210  
**Credit:** 1.0  
**Grade:** 10  
**Prerequisite:** None  
**Fee:** None

This course focuses on the 20th and 21st centuries where students will analyze America's role as a world power and explore the continuing development of our institutions. In addition to traditional social studies skills and objectives, students will also approach the study of American history through the arts, geography, primary documents, and literature. By connecting past events to present situations, students will develop a baseline for appraising modern problems. The requirement for American History can also be met by taking American Dream or AP American History.

**(Not open to those students who have taken AP US History or America's Voice.)**



### AMERICA'S VOICE-SOCIAL STUDIES

**Course:** 214  
**Credit:** .5  
**Grade:** 10  
**Prerequisite:** None  
**Fee:** None

America's Voice is a sophomore level, team-taught, two-trimester class. This course will combine the curriculum ideas from English II A with the curriculum time periods from Contemporary American History A. It meets for one class period for two trimesters with students receiving .5 ELA credit for trimester 1 and .5 Social Studies for trimester 2. The class blends American history with America's literary tradition. Students will study the issues in our past (beginning in 1900 through World War II) and will read literature associated with each period. Much of the learning is discussion-based and emphasis is placed on both analyzing literature (novels, short stories and poetry) and writing essays. The course is team-taught by a social studies teacher and a language arts teacher.



### AMERICA'S STORY

**Course:** 211  
**Credit:** .5  
**Grade:** 10  
**Prerequisite:** None  
**Fee:** None

America's Story is a sophomore level class that fulfills the American History (B) requirement which covers American history from the end of WW II until the present day. This course is the compliment to those students that took America's Voice. There will be a detailed analysis of the major historical figures and events that shaped America's political, social, and economic institutions. The use of novels, biographies, short stories, speeches, letters and a host of other primary sources will be used to teach the curriculum. Students will engage in the study of the curriculum through discussions, role plays, historical simulations, and a host of other hands-on activities. There will be traditional multiple choice and short answer tests, however the primary means of assessment will be through essays, Document Based Questions, historical research papers and other writing assignments.



# SOCIAL STUDIES

## THE LAW

Course:	255
Credit:	.5
Grade:	11, 12
Prerequisite:	None
Fee:	None



This course will begin by taking an in-depth look at the lawmaking process and a close examination of the federal and state constitutions that establish the framework for drafting and enforcing laws. After learning about the constitution and the lawmaking process, the course will then cover different types of crime in our society and the legal process of catching and apprehending criminals. Particular attention will be placed on the role police and the courts play in putting criminals behind bars while at the same time protecting their constitutional rights. Students will display their understanding of the content through legal briefs, debates, mock trials, class discussions, essays, and unit exams.

**This course satisfies the government course required for graduation.**

## CONTEMPORARY ISSUES

Course:	246
Credit:	.5
Grade:	11, 12
Prerequisite:	None
Fee:	None

GLOBAL  
WISCONSIN



Interested in current events? This class is for you! Students will explore social, political, environmental, and economic issues of both the United States and the world in depth. Much of the learning in this course is project based which means that students will be active participants in the course from helping to plan the curriculum topics (with teacher discretion) to designing the projects students will be asked to complete. Possible topics that could be covered during the term include terrorism, current global conflicts, national debt, trade agreements, global warming, civil rights of minority groups, immigration, and much more. This course will integrate geography, culture, politics, and economics as we study issues from a variety of perspectives. Students will be expected to participate in classroom discussions, presentations, and debates. Critical thinking and analysis are important skills that will be developed and strengthened in this course.

## INTRODUCTION TO DIVERSITY STUDIES

Course:	208
Credit:	.5
Grade:	11, 12
Prerequisite:	None
Fee:	None



American diversity offers a platform for discussing the many kinds of diversity we encounter in the United States today. Through the study of diversity, students will better understand prejudice and discrimination. This course will examine culture, identity, race, ethnicity, religion, gender, bias, and sex identity in our country. The course is intended to promote awareness of differences, to identify shared values, to improve understanding of one's own culture, to encourage students to explore and respect differences, and develop empathy for others. The instructional format for this course will vary between lectures, discussions, readings, individual and group projects and educational videos.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See page 10-11 for details.**

GLOBAL  
WISCONSIN

## RUSSIA: CZARS, COMMUNISTS AND CONSPIRACIES

Course:	240
Credit:	.5
Grade:	11, 12
Prerequisite:	None
Fee:	None

GLOBAL  
WISCONSIN



"Russia is a riddle wrapped in a mystery inside an enigma"- Winston Churchill.

This course examines the mystery of Russia. As one of the world's great superpowers and the largest country on Earth, Russia continues to dominate its neighbors and influence world events. By studying its history and culture, students will discover the impact and power Russia still exerts. Beginning with the czars in the 16th century and ending with the modern day, students will analyze how history and tradition continue to shape modern Russia. Throughout the course students will use film, literature and primary sources to identify historical trends and events. Participation in simulations, debates, and discussions is expected.

## SOCIOLOGY

Course:	226
Credit:	.5
Grade:	11, 12
Prerequisite:	None
Fee:	None



This is an elective course that introduces students to the basic concepts of Sociology. The focus of this course is to explore society, people, and behavior through topics like social institutions, socialization, love, marriage, family, and crime. Class discussions, group activities, films, and written reflections will be used to analyze the importance of culture, apply the Sociological perspectives, and summarize influences of socialization on your life.

**Students enrolled in this LHS course have the opportunity to register for Dual Credit awarded by Mid-State Technical College in related programs. This course may also be transferable to the university of your choice. See pages 10-11 and transfer information on page 12 for details.**

# SOCIAL STUDIES

## TEACHING HISTORY THROUGH MEDIA

**Course:** 207  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

The goal of this class is to learn History through watching Hollywood movies. Each film will cover a specific time period or event in history. The class work will be divided into three different areas: The first area will be the introduction, as we will focus on events leading up to the time period and what the film is about. The second area will be the actual watching of the movie with discussion questions relating to the era or respective events. The third and final area will be the post work which may include discussion questions, work sheets, film reviews and/or review summaries.



## AMERICAN GOVERNMENT

**Course:** 201  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

American Government is a study of the three levels of government and the branches within each level. The duties and functions of each level are emphasized with particular attention given to how they are separate, have unique responsibilities and yet work together. News sources are used to stimulate thought and discussion concerning government.

**This course satisfies the government course required for graduation.**



## PRINCIPLES OF ECONOMICS

**Course:** 222  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

Minimum wage, national debt, taxes, environmental destruction, high prices, health insurance, and unemployment are all current issues and they are all topics that will be discussed and debated in this course. The class will equip the student with basic economic literacy skills and a better understanding of current events. Topics studied include money creation and the banking system; international trade; the relationships among labor, business, and government; and personal finance. Students will be expected to participate in class simulations, activities, and discussions. Critical thinking and analysis are important skills that will be developed and strengthened in this course. Most of the assessment is based application/analysis of the course content and problem solving skills.

**(Not open to those students who have taken AP Macroeconomics.)**

**This course satisfies the Financial Literacy graduation requirement.**



## PRINCIPLES OF ECONOMICS (BLENDED INSTRUCTIONAL DELIVERY)

**Course:** 222.1  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None

Minimum wage, national debt, taxes, high prices, health insurance, and unemployment are all current issues and they are all topics that will be discussed in this course. The class will equip the student with basic economic literacy skills and a better understanding of current events. Topics studied include money creation and the banking system; international trade; the relationships among labor, business, and government; and personal finance. Critical thinking and analysis are important skills that will be developed and strengthened in this course.

Students enrolled in this course will be taught using a blended format of online curriculum accompanied by some classroom instruction. The first week of the course will be taught in the classroom. After students become familiar with the course and the expectations, the class will move to an online format with students meeting a minimum of once a week in the classroom. Students enrolling in this course should expect to provide their own devices for the online requirements.

**This course satisfies the Financial Literacy graduation requirement.**



## AMERICAN HISTORY IN DEPTH

**Course:** 206  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Contemporary American History or AP US History  
**Fee:** None

Learn history by doing history. Want to choose your own research project? Want a chance to be creative with a topic that is important to you? Enjoy debatable topics? This seminar styled project based course allows students to conduct in depth explorations of specific themes in US history. By emphasizing research, projects, and writing, students will practice skills employed by professional historians including evaluating sources, analyzing and synthesizing information, and developing and proving a thesis. All of these skills will help prepare students for college as well as AP history exams. Students will also have an opportunity to compete in the National History Day competition. This course is open to any student who has completed their American History requirement. It will always run the third trimester.

# SOCIAL STUDIES

## PSYCHOLOGY

**Course:** 224  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



The course introduces students to the general principles of human behavior. The objective is for students to have a better understanding of themselves as we examine the major theories of psychology. Special attention is given to personality development, memory, altered states of consciousness, learning, perception, and abnormal behavior. Since Psychology is about ourselves, students will easily see the relevance of the topics to their lives.

## AP PSYCHOLOGY

**Course:** 258  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



In AP Psychology, students will explore scientific study of human behavior and mental processes. The curriculum is very high-paced, which requires independent reading and writing, as well as critical thinking, class participation, and a high level of motivation. The class is taught like a college-level class in which students' knowledge is assessed primarily through tests, quizzes, primary readings and a final exam. Those not willing to make the commitment to AP level psychology are encouraged to take the Psychology course.

**\*There is summer work for this course.**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

## AP MICROECONOMICS

**Course:** 234  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



**This course will run during the 2021-2022 school year. It will NOT run during the 2022-2023 school year.**

Microeconomics focuses on the behavior of individuals, industries, and business firms in making decisions regarding the allocation of scarce resources. Topics that will be covered include supply and demand, factors of production, profit, wages, monopoly, competition, pollution, minimum wage, welfare, and other government policies. Various theories and viewpoints will be explored and discussed. Students will be asked to analyze situations, solve problems, predict outcomes, graph answers, and interpret those graphs. The course requires no essay writing. Students are encouraged to take the Advanced Placement exam in May in order to earn college credit for the course.

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

**This course satisfies the Financial Literacy graduation requirement.**

## AP MACROECONOMICS

**Course:** 233  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



**This course will run during the 2022-2023 school year. It will NOT run during the 2021-2022 school year.**

Economics affects all of us, whether we understand it or not. So, why not increase your understanding? This course will provide insight into current political, economic, and global issues. You will be able to take what you learn in this class and apply it directly to current events. The course focuses on the basic economic principles of unemployment, inflation, investment, banking, taxes, debt, global trade, and economic growth. Various theories and viewpoints will be explored and discussed. The focus will be on critical thinking skills. Students will be asked to analyze situations, solve problems, weigh costs and benefits, predict outcomes, graph answers, and interpret those graphs. This course requires no essay writing. Students will be encouraged to take the Advanced Placement exam in May in order to earn college credit for the course.

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

**This course satisfies the Financial Literacy graduation requirement.**

## AP ART HISTORY

**Course:** 625, 225  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** None



AP Art History is an introductory college course in art history which includes the study of architecture, sculpture, painting, and other art forms within societal influences in history and culture. Students will critically analyze art and history starting with ancient civilizations through the 21st century modern works. No prior exposure to art history is required, however, students who have interest in humanities, such as history, literature and art, are encouraged to enroll. This course is team taught by a social studies teacher and an art teacher. Students passing the AP Exam may be eligible for college humanities credit.

**Students will receive .5 Art credit and .5 Social Studies credit for AP Art History.**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

# SOCIAL STUDIES

## AP GOVERNMENT & POLITICS

Course: 230  
Credit: .5  
Grade: 11, 12  
Prerequisite: None  
Fee: None



This course engages students in a deep understanding of how government works, civics, political beliefs and behavior, and current issues. Critical thinking, group activities, and writing skills are stressed.

**There may be summer homework for this course.**

**This course satisfies the government course required for graduation.**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

## AP WORLD HISTORY or HISTORY 102 - World History Since 1500

Course: 259 or 261  
Credit: 1.0 LHS credit  
3.0 UWSP credits  
Grade: 11, 12  
Prerequisite: None  
Fee: See course



**This course will run during the 2021-2022 school year. It will NOT run during the 2022-2023 school year.**

This course is intended for students interested in attending college who have an interest in history or are looking for a challenging academic experience. While this course will require hard work, it will teach essential skills that will result in higher achievement in future academic years. In class, a variety of learning activities will be employed, including historical debates, Socratic seminars, and analysis of written and visual primary sources. Outside of class, students will complete assigned readings and assignments. Upon completion of the course, students will be expected to demonstrate a knowledge of basic chronology and major events and trends in World History from approximately 1200 to the present.

At registration, students interested in this course, will be required to sign up for AP World History (259) or History 102 - World History since 1500 (261) through UW-Stevens Point. The course will run together and the content will be the same.

**History 102 - World History since 1500 is a concurrent enrollment course through UW-Stevens Point. Students taking this course may sign up for concurrent enrollment credit. See page 12 for further details.**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

## AP HUMAN GEOGRAPHY

Course: 260  
Credit: 1.0  
Grade: 9  
Prerequisite: None  
Fee: None



Human Geography is a course connecting human patterns of interaction to the world around you. This course provides students with an opportunity to expand their knowledge of our world from a broad, geographical perspective. Students will realize and appreciate the complexities of globalization and think critically about what they see, read, and hear about their world through critical analysis of culture, society and space. Students are challenged to think geographically across scale and across a wide range of geographical phenomena and global issues. Topics of study may include population, migration, geography of identity, agriculture, industry, city planning, and environmental challenges, among others.

This Advanced Placement course requires considerable reading, writing, critical thinking and application of concepts and theories.

**(Not open to students who have taken Human Geography)**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

## AP UNITED STATES HISTORY

Course: 257  
Credit: 1.0  
Grade: 10  
Prerequisite: None  
Fee: None



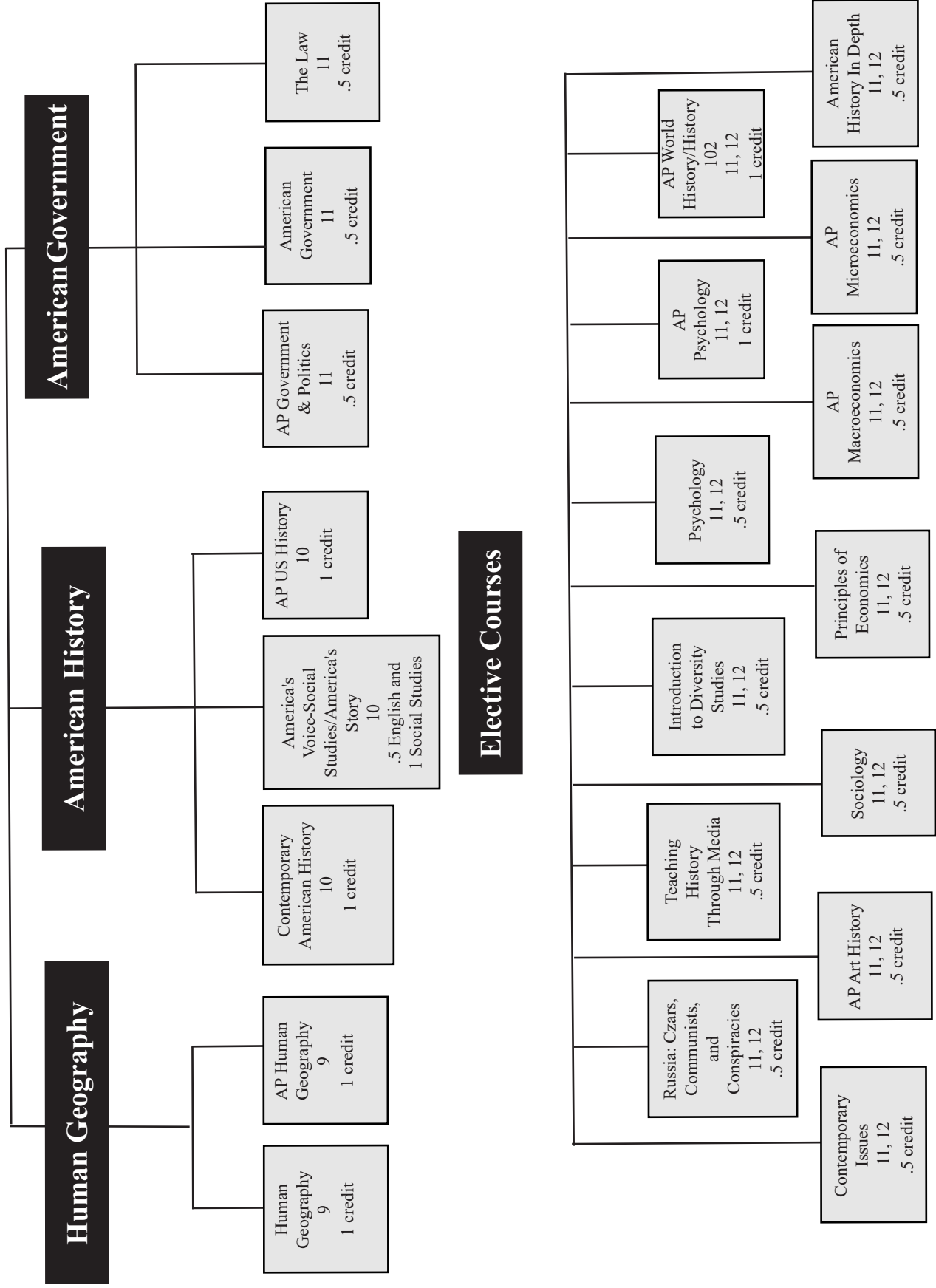
AP United States History is a two term course that integrates political, social, economic, cultural, diplomatic, and intellectual history in order to convey the experiences of particular groups within the broader perspective of the American past. At the same time, it connects events and issues from the past to the concerns of the present. As students study the history, they will encounter the unexpected, unique events, unintended outcomes, and singular individuals that shaped America. It is a very rigorous course that follows the AP College Board guidelines and demands heavy reading and writing. The course is for those students who want more intense study of American History than the traditional Contemporary American History class.

**(Not open to those students who have taken American History or American Dream.)**

**Students choosing to take the AP exam will be charged approximately \$95.00. The cost of the AP exam is determined by the College Board.**

# SOCIAL STUDIES

## Social Studies



# SPECIAL EDUCATION

Special Education assists students in acquiring new skills and learning coping or compensation mechanisms for those they lack. A focus is placed on teaching to specific individual needs and supporting the regular classroom curriculum in an effort to assist each student in achieving his or her potential. In order to enroll in courses offered through the Special Education Department, a student must be referred to a team of educators which will determine eligibility for placement. The Special Education department offers opportunities for assistance in the areas of social/emotional behavior and academics. The Behavior Intervention Center (BIC) helps students manage emotional situations and behaviors in a safe, instructional environment. The Learning Resource Center (LRC) provides a quiet study area with study strategy skills and tutorial assistance.

## ID (Intellectual Disabilities)

Functional level courses in English, Science, Health, Mathematics and Social Studies are taught on a rotating semester basis. All courses are interrelated and deal with "Persisting Life Need" themes including: Communications, Understanding One's Life, Health/Safety, Use of Leisure Time, Responsible Citizenship, Earning a Living, Managing Money, Homemaking, Appreciating and Enjoying Fine Arts and Environment.

## EBD (Emotional and Behavioral Disabilities)

The primary focus of courses offered through the EBD program is to provide direct instruction on topics dealing with self-concept and social skills. In all EBD classes, students will be expected to participate in community experience activities.

## SLD (Specific Learning Disabilities)

Courses offered through specific learning disabilities programs provide the learner with skills necessary to function both in mainstream classes and in independent living. The course offerings include English, Math, Social Studies, and Science. Permission from the instructor is required.

### ENGLISH 9

**Course:** 0101  
**Credit:** 1.0  
**Grade:** 9  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This English course is designed for freshman students who need course modifications to achieve success. Students will be developing their reading, writing, speaking, listening and vocabulary skills. This course will include poetry, elements of short stories, classic literature, vocabulary and grammar. The curriculum follows the same themes as English I.



### ENGLISH 10

**Course:** 0102  
**Credit:** 1.0  
**Grade:** 10  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This English course is designed for sophomore students who require course modifications to achieve success. Students will be developing their reading, writing, speaking, listening, and vocabulary skills. Units of study may include poetry, short stories, novels, classical literature, computer research applications, components of literature, writing, and real-life language arts application. The curriculum follows the same themes as English II.



### ENGLISH 11

**Course:** 0103  
**Credit:** 1.0  
**Grade:** 11  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This English course is designed for junior students who need course modifications to achieve success. Students will be developing their reading, writing, speaking, listening, and vocabulary skills. Units of study will include short stories, novels, nonfiction, components of literature, and real life language arts applications. The curriculum follows the same themes as English III.



### ENGLISH 12

**Course:** 0104  
**Credit:** 1.0  
**Grade:** 12  
**Prerequisite:** Consent of Special Education Instructor.  
**Fee:** None

This English course is designed for seniors who require course modifications to achieve success. Students will strengthen reading, writing, speaking, listening and vocabulary skills. Units may include classical literature, real world writing, discussion and novel study, utilizing digital resources and preparing for life after high school.



# SPECIAL EDUCATION

## READING CONNECTIONS

**Course:** 0107  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Students in this section of English will concentrate on improving their reading comprehension. The course focuses on comprehension skills and strategies with support from vocabulary, fluency, writing, and independent reading. This course is designed for students who have basic phonics and decoding skills but lack solid comprehension and critical thinking skills. Choice reading outside of class is required.

## REAL WORLD READING 1

**Course:** 04.11  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Reading is an important part of our everyday lives. Students will develop reading and vocabulary skills they will encounter in everyday life as well as focus on reading for leisure. Lessons will incorporate learning decoding, comprehension, sequencing skills and vocabulary development. Students will also be engaged in novel studies. (Consent of ID staff and lexile to determine placement.)

## REAL WORLD READING 2

**Course:** 04.12  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This course will continue to focus on reading and vocabulary skills students encounter in their everyday lives as well as focus on reading for leisure. Lessons will incorporate learning decoding, comprehension, sequencing skills and vocabulary development. Students will be engaged in novel studies as well as learn about real world reading and writing such as writing letters, business letters and email etiquette. (Consent of ID staff and lexile to determine placement.)

## ENGLISH

**Course:** 180  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** The teachers of this class select students based on course selection criteria.  
**Fee:** None

This intensive reading intervention program is designed to meet the needs of students who are reading significantly below grade level. Student's individual needs are addressed through adaptive instructional software, high-interest fiction and nonfiction, and direct instruction in reading and writing skills. Lexile level and consent of SwD staff will be used to determine placement.

**Not NCAA approved.**

## MATH FOR CONSUMERS 1

**Course:** 0402  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This course is designed to give students practice with applying math skills in everyday situations. Topics will include decimals, fractions, percents, earning money, managing money, measuring, and consumer purchasing in real-world applications. Also, the students will begin to learn basic algebraic skills. This will include solving one and two-step equations with variables, as well as working with inequalities.

## MATH FOR CONSUMERS 2

**Course:** 0403  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This course builds upon the principles learned in Math for Consumers 1. An emphasis is placed on how math skills are used in real-life situations. Career-related activities are an integral part of the simulation used to represent situations students may encounter after high schools. Topics that are covered include: taxes, finding and maintaining a house/apartment, buying and maintaining a car, and travel. Furthermore, the students will build upon their algebraic skills. These skills will include multi-step equations with variables, absolute value equations, and multi-step inequalities.

## FUNDAMENTALS OF ALGEBRA

**Course:** 0404  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This class begins with a thorough review of number sense and operations using integers, fractions and decimals. Students are then exposed to selected topics from the Algebra 1 curriculum, emphasizing the solving and graphing of linear equations and systems of equations, along with exposure to exponents, square roots, and perfect squares. The overall goal of this course is to ensure student mastery of the previous topics while preparing the student for future success in Algebra 1 or Fundamentals of Geometry.



# SPECIAL EDUCATION

## FUNDAMENTALS OF GEOMETRY

**Course:** 0405  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Fundamentals of Geometry begins with a thorough review of Algebra skills and number sense. Students are exposed to selected topics from the Geometry curriculum. The student will connect Geometry to Algebra, and explore data analysis, probability, and trigonometry. The overall goal of this course is to ensure student mastery of the previous topics while preparing the student for future success in Geometry.

## MATH 1

**Course:** 04.42  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This mathematics course is designed for students with special education needs who require course modifications to achieve success. Students will learn number and quantity concepts through the practice of measurement, money and basic number operations. Students will begin to solve simple algebraic expressions. Mathematical concepts will be applied to daily life situations.

## MATH 2

**Course:** 04.43  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor.  
**Fee:** None

This mathematics course is designed for students with special education needs who require course modifications to achieve success. Students will learn to interpret and build mathematical functions. Students will interpret statistics and probability to make decisions and apply their knowledge to real life scenarios. Specific focus will be placed on money handling skills such as making change and calculating expenses. Topics related to payroll, budgeting, and banking will also be discussed.

## WORLD GEOGRAPHY

**Course:** 0205  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

World Geography will be a modified curriculum that focuses on topics such as the five themes of geography, world population, resource scarcity, world religions, ethnic constructs and specific aspects of folk and popular culture. Students will gain a basic understanding of the forces shaping our current world. The course will also explore the development of different countries by examining the specific political, economic, cultural, and social aspects that make them all unique.



## RESPONSIBLE CITIZENSHIP

**Course:** 0210  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This course will cover topics related to becoming a responsible adult, such as current events and their relationship with historical events and legal rights and responsibilities. In addition, adult independent living skills including self-advocacy, and responsible use of social media will be covered.



## HUMAN RELATIONS

**Course:** 0203 (M), 0202 (F)  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

The purpose of Human Relations is to develop good social and communication skills needed to be successful in a variety of settings including home, school, social, and work environments. Topics will include character and team-building, communication skills, anger management, resiliency, relationships, and personal commitments.

## CHARACTER, LEADERSHIP & LIFE SKILLS

**Course:** 0204  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This course is designed to teach strategies to strengthen character and build leadership skills needed in a variety of real-life situations. Students will progress through a focused study of 18 character traits while analyzing ethical dilemmas and examining stories of role models within our community and nation. In addition, students will walk through the steps to filling out the Free Application for Financial Student Aid.

# SPECIAL EDUCATION

## HEALTH TOPICS

**Course:** 04.81  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Health Topics is designed for students with special education needs who need course modifications to achieve success. Students will explore topics related to eating healthy, lifelong fitness, alcohol, tobacco and drug use and abuse, and diseases and conditions.

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## GENERAL SCIENCE 1

**Course:** 04.31  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

General Science I is designed for students with special education needs who need course modifications to achieve success. Students will explore topics related to Earth and Space Science and Physics. Through hands-on activities, students will explore these science topics and practice application of skills.

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## GENERAL SCIENCE 2

**Course:** 04.32  
**Credit:** 1.0  
**Grade:** 10, 11  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

General Science II is designed for students with special education needs who need course modifications to achieve success. Students will explore topics related to science process, matter, and energy. Through hands-on activities, students will explore these science topics and practice application of skills.

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## COMMUNITY SCIENCE

**Course:** 04.34  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Community Science is designed for students with special education needs who need course modifications to achieve success in science. Knowledge from previous science courses will be applied to our community. Topics of exploration include ecosystems in Wisconsin, natural resources in our area, and individual impact on the environment. Students will also become informed of careers related to science in the community.

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## HEALTH SCIENCE

**Course:** 04.82(F), 04.83 (M)  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

Health Science is designed for students with special education needs who need course modifications to achieve success. Students will explore topics related to interpersonal relationships such as relationships, dating, sexuality, reproduction systems, STDs, and birth control.

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## RAPIDS INDIVIDUAL EDUCATION (RIE)

**Course:** 040 Human Relations  
042 Resource  
**Credit:** Dependant on courses chosen  
**Grade:** 10, 11, 12  
**Prerequisite:** Consent of Special Education Instructor  
**Fee:** None

This program is designed to build and create relationships that will lead to a student's desire to make positive changes in his/her thinking, which in turn, will lead to positive changes in his/her lifestyle. The positive changes will increase the student's motivation and ability to excel in academics, as well as, to maintain healthy social and interpersonal relationships throughout their lives. The program includes the following components: a credit recovery component which will enable students to earn academic credit required for graduation, health and fitness, and a behavioral change component. A separate resource period may also be assigned to provide a guided study opportunity, including assistance with organization, study skills, and behavior supports. This resource is not awarded credit.

# SPECIAL EDUCATION

## PHYSICAL EDUCATION

**Course:** 899  
**Credit:** 1.0  
**Grade:** 9,10, 11, 12  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

Physical Education is a physical education class that has specially designed instruction to meet the unique needs of students with special education needs. Instruction will focus on the development of physical and motor fitness. Skills in aquatics and individual and group games and sports will also be covered.

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## INDEPENDENT LIVING SKILLS I

**Course:** 04.68  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

This course is designed for students within the Special Education department who need course modifications to achieve success. Students are given the opportunity to increase social skills, improve relationships, explore career options, and independent living skills.

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## INDEPENDENT LIVING II

**Course:** 04.69  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

This course is designed for students with special needs who require independent living skills. Units will include places/jobs in the community, transportation, signs and safety, Wisconsin information, laws, laundry and cleaning.

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## FUNCTIONAL ACADEMICS 1

**Course:** 04.77  
**Credit:** 1.0  
**Grade:** 9, 10  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

This course is designed for students with special education needs who require additional instruction for academic and social development. Interpersonal skills are developed and everyday life skills are incorporated into weekly lessons.

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## FUNCTIONAL ACADEMICS 2

**Course:** 04.79  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

This course is designed for students with special education needs who require additional instruction for academic and social development. Interpersonal skills are developed and everyday life skills are incorporated into weekly lessons.

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## CREDIT RECOVERY

**Course:** 0901, 0902, 0903  
**Credit:** 0.0  
**Grade:** 11, 12  
**Prerequisite:** Consent of Special  
Education Instructor  
**Fee:** None

Students needing credit recovery will be enrolled in online programs such as Odysseyware or Acellus.

# SPECIAL EDUCATION

## THE WORK PROGRAM: .5, 1.0, or 1.5 Credit Elective - Grades 10, 11, 12

Work experience and good work references are praised by employers and improve individual's chances of getting and keeping a job. These programs provide opportunities to explore careers, to develop and enhance work skills, positive work habits, attitudes, and develop a work reference.

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### ENGLISH WORK PREP

**Course:** 04.13  
**Credit:** 1.0  
**Grade:** 11, 12  
**Pre:** Consent of Special  
Education Instructor  
**Fee:** None

Through this course students will improve their reading skills by reading job descriptions and identifying skills needed for various job positions. Written communication will be taught through completing job applications, volunteer applications, and resumes. Students will increase their interpersonal communication skills through class discussions and on the job experiences. Students will go to a community job site for a two hour block.

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### SOCIAL STUDIES WORK PREP

**Course:** 04.23  
**Credit:** 1.0  
**Grade:** 11, 12  
**Pre:** Consent of Special  
Education Instructor  
**Fee:** None

Students will complete team building activities to increase their interpersonal skills. Through a community job site placement, student will incorporate soft skills learned in the classroom to the community environment. Students will go to a community job site for a two hour block.

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### ELECTIVE WORK PREP

**Course:** 04.97  
**Credit:** 1.0  
**Grade:** 11, 12  
**Pre:** Consent of Special  
Education Instructor  
**Fee:** None

Students will incorporate verbal and written communication skills learned throughout the year into a community job site placement. Students will develop a strong work ethic in a community job site for a two hour block.

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### WORK STUDY

**Course:** 04.24, 04.25,  
04.26  
**Credit:** .5, 1.0, 1.5  
**Grade:** 9, 10, 11, 12  
**Pre:** None  
**Fee:** None

This course is designed to teach the student the transferable work skills. The course investigates career options. The students will learn to appropriately handle an evaluation and practice interviewing skills. These skills are incorporated within work projects which include working in the LHS Coffee Shop.

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### WORK EXPERIENCE

**Course:** 04.91, 04.92,  
04.93  
**Credit:** .5, 1.0, 1.5  
**Grade:** 10, 11, 12  
**Pre:** None  
**Fee:** None

Work experience is a continuation of the work program which is designed to further develop soft work skills. The student will be working in the community in the position independently obtained. Progress and evaluation of the student will be monitored by LHS staff, and work hours will be documented by students. 65 hours are equivalent to 1/2 credit. 130 hours are equivalent to 1 credit. (Students may be allowed to leave the last period of the day with the consent of the instructor.)

# TECHNOLOGY EDUCATION



## Courses Required For Graduation From This Department: None

**Notice** - Safety glasses will not be furnished by the school and must be purchased by the student. If the glasses or goggles are purchased outside of school, they must meet the standards of THE AMERICAN NATIONAL STANDARD PRACTICE FOR OCCUPATIONAL AND EDUCATIONAL EYE AND FACE PROTECTION Z87.1-1968 and subsequent revisions.

**Program Offering:** Youth Apprenticeships

Auto Technician \* STEM \* Manufacturing \* See page 79 for program details.

## COMMUNICATIONS

### **INTRODUCTION TO GRAPHIC PRODUCTION**

**Course:** 775  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

This is a hands-on course that will get you to design for creating. As the graphics industry has changed, so has this course. We will utilize a commercial graphic software called SignLab and Adobe to produce graphics that are copy ready. Creating graphics is only the beginning in this course. A vinyl cutter, laser engraver, and inkjet printer are used to bring your graphics to life. You will be able to make vinyl window graphics, glass etches, t-shirts, baseball caps or almost anything that utilizes vinyl media. This course promises to be an interesting experience in the graphics field.

**Students will also be responsible for the cost of materials beyond the \$15.00 course fee.**

### **ADVANCED GRAPHIC PRODUCTION**

**Course:** 776  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Grade of C or better in Intro to Graphic Production  
**Fee:** \$15.00

This course is all hands like the intro course. We will be making bigger and more advanced things then move on to seeing how we can impact the school or places in the community to design and create for others as if we are running a small business. Additionally we will research and test other methods that are currently being utilized in industry.

**Students will also be responsible for the cost of materials beyond the \$15.00 course fee.**

### **GENERAL ELECTRONICS**

**Course:** 720  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

This lab/project-oriented class is designed to provide students with a general knowledge of and to develop skills in the following areas: basic electrical circuits, 12-volt automobile wiring, car audio systems, residential house wiring, home stereo systems, alternative energy sources, and small electronic repair. Students will also have several projects including Chaney electronic kits and small electronic gadgets.

**Safety glasses or goggles are required.**

### **ADVANCED ELECTRONICS**

**Course:** 723  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** General Electronics  
**Fee:** \$15.00

This upper level electronics class will further develop skills that were learned in General Electronics. The main units of focus will be building circuits, developing projects, circuit engineering, design and manufacturing, AC theory, DC theory and basic digital electronics. Students can expect to utilize hands-on projects to further develop their electronic trouble shooting skills.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**

**Safety glasses or goggles are required.**

# TECHNOLOGY EDUCATION

## CONSTRUCTION

### INTRO TO WOODS PROCESSING

**Course:** 759  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$25.00

This is a lab based course providing students introductory knowledge related to wood processes and machine safety. Students will be constructing multiple small projects during this class.

**Safety glasses or goggles are required.**

### WOODS I

**Course:** 760  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$50.00

This course is designed to give students hands-on experience in the safe and proper use of common woodworking tools and machines. Students will study units on measurement, planning, design, construction techniques, finish preparation, and finishing. Students will complete a project selected by the instructor. Projects of the student's choice will be allowed upon completion of the required project.

**Students will also be responsible for the cost of materials beyond the \$50.00 course fee.**

**Safety glasses or goggles are required.**

### WOODS II

**Course:** 762  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** C or better in Woodworking I  
**Fee:** \$10.00

Woodworking II will expand on the knowledge and skills gained in Woodworking I. Design and planning for project construction will be a major area of study. Emphases will be placed on machine set-up, advanced machining skills, and safe work practices. Door and drawer construction will be incorporated into student projects. Mass production in woodworking will also be studied.

**Students will also be responsible for the cost of materials beyond the \$10.00 course fee.**

**Safety glasses or goggles are required.**

### WOODS III

**Course:** 763  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** C or better in Woodworking II  
**Fee:** \$10.00

Woods III will allow students to improve on their knowledge in the woodworking area. They will have the opportunity to construct a project of choice utilizing advanced equipment such as the laser engraver and CNC router. Machine safety and set-up will be stressed during this course.

**Students will also be responsible for the cost of materials beyond the \$10.00 course fee.**

**Safety glasses or goggles are required.**

### BUILDING CONSTRUCTION

**Course:** 767  
**Credit:** 2.5  
**Grade:** 11, 12  
**Prerequisite:** None  
**Fee:** Students will need to purchase their own hand tools and tool belt.

This upper-level hands-on course will give the student an opportunity to construct a residential home from the foundation to the finish work. This course will meet 2 periods during the first term, 1 period during the second term, and 2 periods during the third term. Students will be required to travel daily to the building site. This class is designed for students who wish to gain knowledge related to the construction industry. Students will develop carpentry skills by using current technology and practices in the construction of a wood frame house. This program has a strong tradition of excellence and is a true partnership between the schools and many local businesses. It is our goal to provide students with real work experiences that help them develop skills, knowledge and attitudes that will last a lifetime.

Students will provide their own transportation to and from the building site and provide proof of vehicle insurance.

Time outside the scheduled school day is required.

Students wishing to be considered for this class must meet the following Criteria:

1. Be in good academic standing.
2. Have good attendance and discipline records.
3. Be able to work independently with others.

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.**



## MANUFACTURING

### INTRO TO METALS

**Course:** 750  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

This course will provide students with an introduction to the metals/manufacturing field through hands-on activities. The student will be completing projects and activities utilizing sheet metal equipment, a metal lathe, welding equipment, a CNC plasma table, and a CNC mill. The projects may include a sheet metal dustpan, a center punch, and CNC ornaments.

**Safety glasses or goggles are required.**

# TECHNOLOGY EDUCATION

## AMERICAN INDUSTRIES

**Course:** 758  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** See course description  
**Fee:** None

American Industries is a class that provides students an opportunity to be an entrepreneur. Students will be able to use equipment such as the laser engraver, CNC plasma cutter, screen printing equipment and vinyl cutter to design, market, and create products. These products will be marketed, sold and produced by students. Students will invest in the company and can profit from their hard work and dedication.

**Students must take any two classes from the technology education, marketing OR business departments prior to taking American Industries.**

## WELDING TECHNOLOGY I

**Course:** 753  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

Welding Technology I is a hands-on introduction to the welding industry. The course is designed to allow the student the opportunity to explore and apply current industrial welding procedures. Shielded Metal-Arc (stick), Gas Metal-Arc (MIG), Gas Tungsten-Arc (TIG), and Oxyacetylene (gas) welding methods will be explored. Flame cutting, plasma-arc cutting, career opportunities, and other technical areas will be covered. All work will be done on mild steel in the flat position.

**Safety glasses or goggles and appropriate leather footwear are required.**

**Student enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See page 10-11 for details.**



## WELDING TECHNOLOGY II

**Course:** 754  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** C or better in Welding Technology I  
**Fee:** \$30.00

Welding Technology II consists of an in-depth exploration of the present day welding/metal fabricating industry. This course is designed to allow the students to improve in both welding knowledge and manual skills. This course requires a large amount of self-direction and responsibility on the part of the student. Oxyacetylene, Shielded Metal-Arc, Gas Metal-Arc, and Gas Tungsten-Arc welding processes will be performed in the four major welding positions on ferrous and non-ferrous metals. Students will have the option of completing individual or group projects upon completion of required lab activities. Related manufacturing techniques, career opportunities, and other technical areas will be investigated.

**Safety glasses, gauntlet gloves, and appropriate leather footwear are required.**

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See page 10-11 for details.**



## WELDING TECHNOLOGY III

**Course:** 755  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** C or better in Welding Technology I  
**Fee:** \$25.00

Welding Technology III is an extension of Welding Technology II. This course is designed to allow the students to improve in both welding knowledge and manual skills. In addition to continuing to explore the present day welding/metal fabricating industry, the student will be required to complete a research project related to the welding/metal fabrication industry. This course requires a large amount of self-direction and responsibility on the part of the student. Oxyacetylene, Shielded Metal-Arc, Gas Metal-Arc, and Gas Tungsten-Arc welding processes will be performed in the four major welding positions on ferrous and non-ferrous metals. Students will have the option of completing individual or group projects upon completion of required lab activities. Related manufacturing techniques, career opportunities, and other technical areas will be investigated.

**Safety glasses, gauntlet gloves, and appropriate leather footwear are required.**

## MANUFACTURING

**Course:** 748  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

Students will have the opportunity to learn the proper use of metalworking hand tools, lathes, drill presses, power saws, disc grinder, and milling machines. The course will also provide instruction in the use of measuring tools, layout equipment, metal polishing materials, as well as cutting speeds and feeds for material and machines used. Grinding tool bits for all machine applications will be covered and time will be spent on heat treatment of metals. An introduction to CNC machining will be incorporated in the manual machining activity. Career opportunities and other technical areas will be investigated.

**Safety glasses or goggles are required.**

**Students enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See page 10-11 for details.**



## ADVANCED MANUFACTURING

**Course:** 749  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** Manufacturing, CADD, and Welding III  
**Fee:** \$20.00

Advanced Manufacturing is an extension of Manufacturing. This course will be an in-depth exploration of CNC machining. The student will learn a CADD/CAM program, use a mill simulator to pre-run CNC programs, and use a CNC mill to produce products. The student will also operate a lathe, horizontal and vertical mills, a surface grinder, and drill press to complete manual machining activities. Career opportunities and other technical areas will be investigated.

**Safety glasses or goggles are required.**

# TECHNOLOGY EDUCATION

## TRANSPORTATION

### SMALL ENGINE TECHNOLOGY

**Course:** 703  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$13.00

Small Engine Technology is a hands-on introductory course designed for students interested in small engine technology and possibly the automotive industry. This course will provide students with essential knowledge related to engine theory, design, and operation. Students will thoroughly disassemble, test, repair, and re-assemble a small engine during this course. The school will provide an engine throughout the learning process with students having the opportunity to bring in their own engine upon completion of the school provided engine. Students will be responsible for part/repair costs done on their own engine. One pair of safety glasses or goggles will be provided to each student at the beginning of the class. Additional pairs may be purchased.

**Safety glasses or goggles are required to be worn at all time during lab.**

### AUTO SERVICES

**Course:** 702  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** Small Engine Technology or junior status  
**Fee:** \$13.00

This course is designed for the student that plans to own or drive an automobile. Researching, purchasing, and maintaining an automobile will be the focus of the course. In addition, basic automotive systems and associated preventative maintenance will be introduced. The student will complete lab and classroom activities related to automotive systems. Auto students will need a vehicle to work on at least one day per week. The students will also have to pay for their own maintenance/repair parts.

**Safety glasses or goggles are required to be worn at all times during lab.**

**Student should have a valid driver's license and proof of vehicle insurance.**

### AUTOMOTIVE SYSTEMS AND REPAIR

**Course:** 704  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** C or better in Auto Services  
**Fee:** \$15.00

This course will provide students with an in-depth understanding of the automotive systems and the associated repair process. The student will complete lab and classroom activities related to automotive systems. Auto students will need a vehicle to work on at least one day per week. The students will also have to pay for their own maintenance/repair parts.

**Students must have a valid driver's license and provide proof of vehicle insurance.**

**Safety glasses or goggles are required to be worn at all times during lab.**

### AUTOMOTIVE DIAGNOSTICS

**Course:** 705  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** C or better in Auto Systems and Repair  
**Fee:** \$15.00

This lab based course is devoted to those students interested in a career in the automotive industry or those who want to expand their knowledge and skills in this highly technical field. The student will complete lab and classroom activities to broaden their knowledge of the different automotive systems through diagnostic practices. Auto students will need a vehicle to work on at least one day per week. The students will also have to pay for their own maintenance/repair parts.

**Students must have a valid driver's license and provide proof of vehicle insurance.**

**Suggested helpful courses include General Electronics, Welding I and Manufacturing.**

**Safety glasses or goggles are required to be worn at all times during lab.**

### AUTOMOTIVE ADVANCED DIAGNOSTICS

**Course:** 706  
**Credit:** .5  
**Grade:** 11, 12  
**Prerequisite:** C or better in Automotive Diagnostics  
**Fee:** \$15.00

This lab focused course is devoted to those students interested in a career in the automotive industry or those who want to expand their knowledge and skills in this highly technical field. The student will complete lab and classroom activities related to automotive systems. Auto students will need a vehicle to work on at least one day per week. The students will also have to pay for their own maintenance/repair parts.

**Students must have a valid driver's license and proof of vehicle insurance.**

**Suggested helpful courses include General Electronics, Welding I and Manufacturing.**

**Safety glasses or goggles are required to be worn at all times during lab.**

### AVIATION

**Course:** 773  
**Credit:** .5  
**Grade:** 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

Aviation gives the student a basic understanding and knowledge of aircraft, aerodynamics, airport environments, meteorology, navigation systems, and career opportunities, Aviation is a student-activity centered course. Students will construct and work with model airplanes and flight simulators. **This is NOT an F.F.A. course for obtaining progress towards a pilot's license.**



# TECHNOLOGY EDUCATION

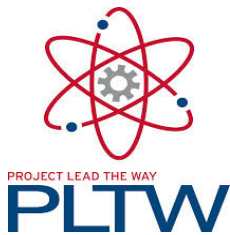
## ENGINEERING

### COMPUTER AIDED DRAWING AND DRAFTING

**Course:** 711  
**Credit:** .5  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$10.00

This course will utilize Autodesk Fusion360 software to generate 2-D and 3-D drawings and components of basic parts. Students will develop skills needed to produce working drawings like those used in industry to produce products. Students will be introduced to the operation of a CNC mill by machining a ruler and a keychain. Students will learn to create CAM files in Fusion360. The culminating activity is for the student to draw, generate CAM files, and machine their own part on the CNC mill. No previous computer experience is necessary to succeed in CADD.

**Sophomores, Juniors, and Seniors** enrolled in this LHS course have the opportunity to register with Mid-State Technical College to receive Dual Credit. See pages 10-11 for details.



**These courses are available for Advanced Standing. Students completing and passing the course-ending exam will be eligible for college credit through any of the institutions listed on the PLTW website.**

Project Lead the Way (PLTW) is a national non-profit organization established to help schools give students the knowledge they need to excel in high-tech fields. In PLTW Engineering, students engage in open-ended problem solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies. Students investigate topics such as aerodynamics and astronautics, biological engineering and sustainability, and digital electronics and circuit design, which gives them an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers. For more information please see your counselor and/or check out the PLTW website at: [www.pltw.org](http://www.pltw.org)

### DIGITAL ELECTRONICS

**Course:** 726  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** General  
Electronics or  
IED  
**Fee:** \$15.00

From smart phones 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.

**Recommended Courses: Algebra, Physics**

**This is a math equivalency course. Successful completion will count toward a third or fourth credit of math. See pages 12 for details.**

EC

### INTRODUCTION TO ENGINEERING DESIGN

**Course:** 728  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$15.00

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. Students at Lincoln will prototype designs using a 3D Printer

### PRINCIPLES OF ENGINEERING

**Course:** 730  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** CAD or IED  
recommended  
**Fee:** \$15.00

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Students at Lincoln will also engage in various robot competitions using VEX robotics and a 3D Printer

**This is a science equivalency course. Successful completion will count toward a third or fourth credit of science. See pages 12 for details.**

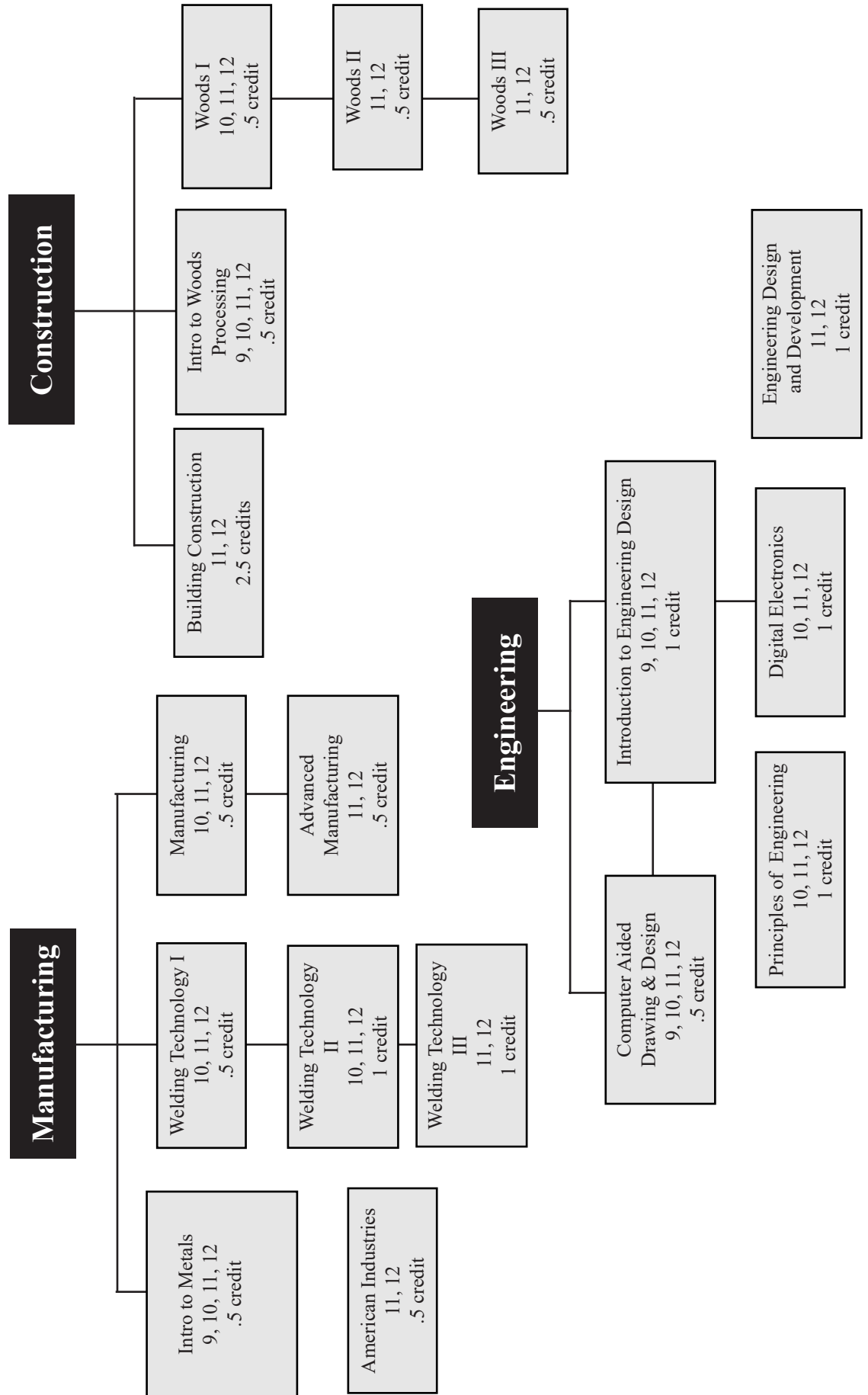
EC

### ENGINEERING DESIGN AND DEVELOPMENT

**Course:** 735  
**Credit:** 1.0  
**Grade:** 11, 12  
**Prerequisite:** Two out of the  
three previous  
PLTW courses  
**Fee:** \$15.00

The knowledge and skills students acquire throughout PLTW Engineering come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. Students apply the professional skills they have developed to document a design process to standards, completing EDD ready to take on any post-secondary program or career. Students at Lincoln will go through the process of prototyping and creating a patent for their product.

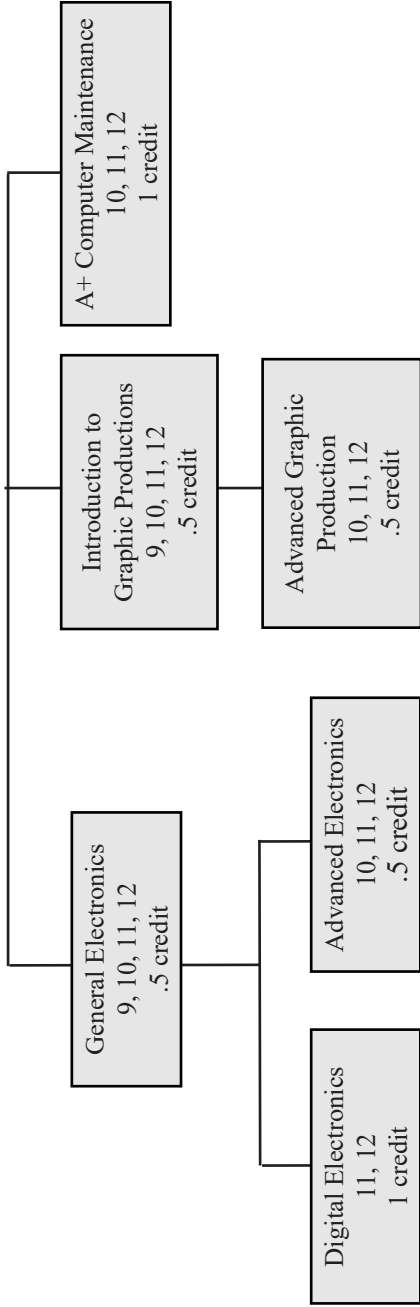
# Technology and Engineering



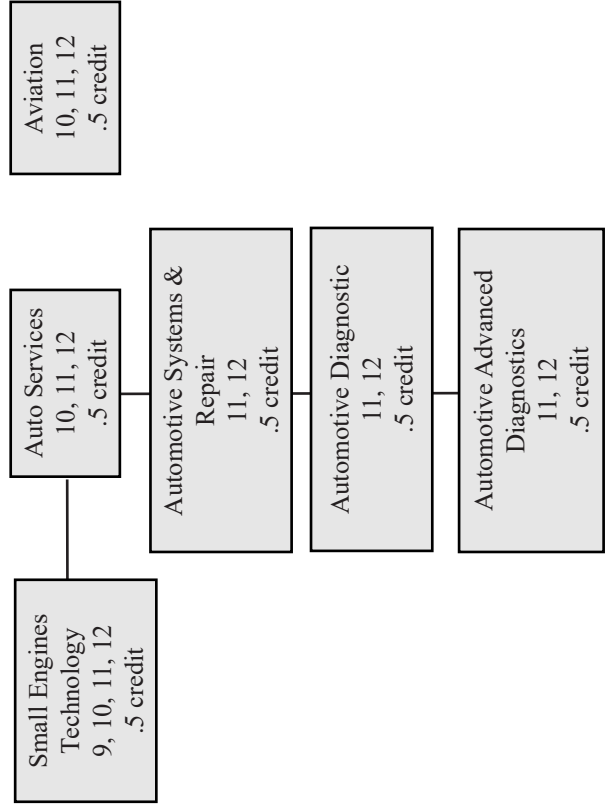
# Technology and Engineering

## TECHNOLOGY EDUCATION

### Communication



### Transportation



# WORLD LANGUAGES



## Courses Required For Graduation From This Department: None

What can students study to enhance their chances for just about any career? The answer: STUDY A WORLD LANGUAGE! The U.S. Government and many American businesses are linked to almost every country in the world. Employment opportunities may be greatly enhanced with language skills, especially with four or more years of learning a second language in high school.

According to: [www.wisconsin.edu](http://www.wisconsin.edu), UW-Madison and most of the University of Minnesota system have an entrance admissions requirement of two years of foreign language. UW-Madison recommends four years. Most students admitted to UW-LaCrosse have completed three years. Although it is not required for admission, UW-Platteville students may fulfill graduation requirements by completing two years of a second language in high school. Students who have completed two full years of the same foreign language, with a passing grade during 8th-12th grades of school, have already completed the entrance requirements. UW- Milwaukee, UW-Platteville, and UW-Parkside have an EXIT requirement of two semesters of a second language. EXIT requirements will also vary by program.

For the UW-Wisconsin System, an incoming college freshman can earn a maximum of four semesters of retroactive credits (up to 16 credits, depending upon the university). A placement test determines in which level of foreign language the student is placed. If the student earns a B or better in that class, retroactive credits are awarded. These credits count towards the 120 credits needed for graduation.

If a student has been out of class for a year or more between levels of study (i.e. Level I and Level II), it will be left to the discretion of the teacher whether that student is able to re-enter the program based on an interview. It is recommended that native speakers of any given language, who have never had formal education in that language, be placed in a Level III class until evaluated by his or her teacher.

Our language classes are designed for native English-speaking students. They are not meant for foreign exchange students who speak that particular language as a native language.

### LEVEL I

**Course:** French 800  
German 820  
Spanish 840  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** None  
**Fee:** \$5.00

This course is for beginning language students. Speaking and listening in the target language will be emphasized. Reading and writing skills are developed on a limited basis. Culture is integrated throughout each unit of study. In this level students will begin to develop proficiencies enabling them to talk about topics such as self, family, the city, leisure time activities, likes/dislikes, sports, food, the weather, and the geography of the countries where the language is spoken. Students gain computer experience in the target language.



### LEVEL II

**Course:** French 803  
German 823  
Spanish 843  
**Credit:** 1.0  
**Grade:** 9, 10, 11, 12  
**Prerequisite:** Successful completion of Level I (C- or higher in 2nd term of level I.)  
**Fee:** \$5.00

Emphasis continues to be on the development of speaking and listening skills in conjunction with reading and writing. **Lessons are conducted in the target language.** Students will be able to describe activities and interests in greater detail. **Speaking the language is stressed,** talking about topics such as family, clothing, shopping, pastimes, personal care, daily activities, school, jobs and food. Students begin to develop writing fundamentals. Students read both non-fictional texts and some authentic materials. Students complete projects using technology and media.



### LEVEL III

**Course:** French 806  
German 826  
Spanish 846  
**Credit:** 1.0  
**Grade:** 10, 11, 12  
**Prerequisite:** Successful completion of Level II (C- or higher in 2nd term of level II.)  
**Fee:** None

At this level students continue to develop broader reading and writing skills. **The emphasis remains on speaking and listening. Lessons are conducted in the target language.** Better command of language structures is developed enabling students to express different viewpoints, deal with situations of a more complicated nature, prepare paragraphs such as a resume, character sketches and letters, write in a journal, react and respond to various situations. Students complete projects using technology and media.



# WORLD LANGUAGES

## LEVEL IV

**Course:** French 810  
 German 830  
 Spanish 850

**Credit:** 1.0

**Grade:** 11, 12

**Prerequisite:** Successful completion of Level III (C- or higher in 2nd term of level III.)

**Fee:** None

This level of language instruction offers further opportunities to develop proficiency in all skills. Lessons are conducted in the target language. More in-depth work with the culture of the countries where the language is spoken will continue through the study of short stories, fine arts, and history. Opportunities are given to demonstrate proficiency in all four skills through dialogues, more complex situations, writings, songs, and daily use of the language. Students complete projects using technology and media.

**Seniors enrolled in a level IV or V language class not planning to study at a UW System school (see previous page) may choose to take their respective AP Language exam in May. Doing so will require a student's independent preparation and commitment.**



## LEVEL V

**Course:** French 816  
 German 836  
 Spanish 856

**Credit:** 1.0

**Grade:** 12

**Prerequisite:** Successful completion of Level IV (C- or higher in 2nd term of level IV.)

**Fee:** None

(Note: French IV and V, and German IV and V follow a two-year alternating curriculum. Although there is no repeat of subject materials during the two years, there is a spiraling of structural concepts and of essential vocabulary.) Emphasis remains on speaking and understanding the target language in more advanced conversations. Students make a variety of formal and informal presentations as they continue to improve and expand upon their speaking skills. Emphasis on writing is accomplished in a variety of contexts. Structural concepts previously studied are enhanced through review and additional materials. Reading comprehension is further developed through short stories, poetry and other authentic literary selections. Internet websites, films and music are used to teach a wide range of cultural aspects.

**Seniors enrolled in a level IV or V language class not planning to study at a UW System school (see previous page) may choose to take their respective AP Language exam in May. Doing so will require a student's independent preparation and commitment.**



Opportunities for summer travel abroad exist for LHS world language students, every other year, at the student's expense. Please see your world language teacher if you have any questions!



## Become a Global Scholar!



Employers and universities are looking for students who are “globally literate.” The Wisconsin Department of Public Instruction has created a new opportunity for students called the Global Education Achievement Certificate.

**To earn this distinction, students must complete the following 4 requirements during their four years of high school (grades 9-12):**

<p><b>Coursework:</b> (courses in the Program of Studies that count for this program have this symbol)</p> <ul style="list-style-type: none"> <li>4 credits (years) of the same World Language</li> <li>4 credits in courses with a strong global dimension</li> </ul>	<p><b>Extra-Curricular Activities:</b></p> <ul style="list-style-type: none"> <li>4 unique experiences</li> </ul>
<p><b>Books/Art/Music:</b></p> <ul style="list-style-type: none"> <li>4 books with international/cultural perspective</li> <li>4 films/music/art exhibitions</li> </ul>	<p><b>Community Service:</b></p> <ul style="list-style-type: none"> <li>1 global public service project involving at least 20 hours of service</li> </ul>

For further information, contact the World Languages Teachers, or go to <http://www.globalwisconsin.org/#!/the-policy/clmxb>. By earning the Global Education Achievement Certificate, students will:

- Earn a “Global Scholar” designation on their transcript.
- Receive a special seal on their diploma.



**It is your responsibility to know if your student is NCAA eligible. If you have questions, please contact your student's school counselor OR visit the NCAA Eligibility Website.**

**[www.eligibilitycenter.org](http://www.eligibilitycenter.org)**

## **Important Notice:**

Nontraditional courses, such as online or virtual courses, may count as core courses for NCAA eligibility. However, it is very important that the STUDENT check with the entity or program providing the instruction to see if the course they are taking meets NCAA Clearinghouse eligibility.

Summer school courses taken through Lincoln High School DO NOT count toward NCAA eligibility.

**Not all Lincoln High School core courses count for NCAA credit.**

Due to the restructuring of the science department, science courses will not be valid for approval until May of 2021. Please check with your School Counselor for NCAA approved science courses then.

If you have any questions or concerns about NCAA course eligibility, please consult the Lincoln High School website or see your school counselor.

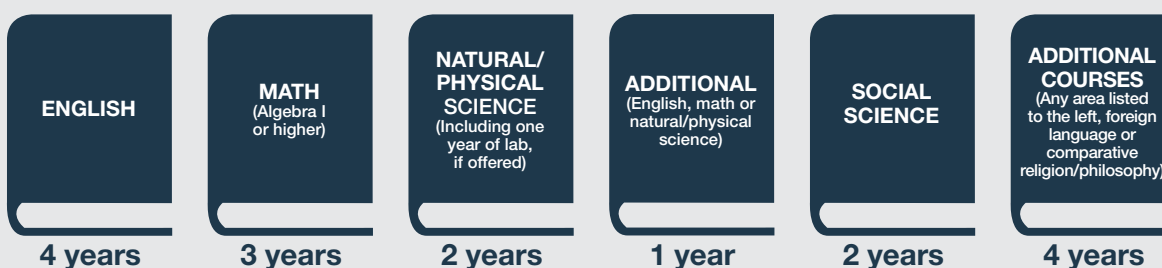


## DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

### Core-Course Requirement

Complete 16 core courses in the following areas:



### FULL QUALIFIER

- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

#### Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

#### Academic Redshirt

College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

#### Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

#### International Students

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

Click [here](#) for Division II academic requirements.

### ACADEMIC REDSHIRT

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.



## Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts **CANNOT** be used in an academic certification.

DIVISION I FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
3.550	400	37
3.525	410	38
3.500	430	39
3.475	440	40
3.450	460	41
3.425	470	41
3.400	490	42
3.375	500	42
3.350	520	43
3.325	530	44
3.300	550	44
3.275	560	45
3.250	580	46
3.225	590	46
3.200	600	47
3.175	620	47
3.150	630	48
3.125	650	49
3.100	660	49
3.075	680	50
3.050	690	50
3.025	710	51
3.000	720	52
2.975	730	52
2.950	740	53
2.925	750	53
2.900	750	54
2.875	760	55
2.850	770	56
2.825	780	56
2.800	790	57
2.775	800	58

DIVISION I FULL QUALIFIER SLIDING SCALE		
Core GPA	SAT*	ACT Sum*
2.750	810	59
2.725	820	60
2.700	830	61
2.675	840	61
2.650	850	62
2.625	860	63
2.600	860	64
2.575	870	65
2.550	880	66
2.525	890	67
2.500	900	68
2.475	910	69
2.450	920	70
2.425	930	70
2.400	940	71
2.375	950	72
2.350	960	73
2.325	970	74
2.300	980	75
2.299	990	76
2.275	990	76
2.250	1000	77
2.225	1010	78
2.200	1020	79
2.175	1030	80
2.150	1040	81
2.125	1050	82
2.100	1060	83
2.075	1070	84
2.050	1080	85
2.025	1090	86
2.000	1100	86

ACADEMIC REDSHIRT

\*Final concordance research between the new SAT and ACT is ongoing.





## DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

### Core-Course Requirement

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 year	2 years	4 years

### FULL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

### PARTIAL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

### Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

### Partial Qualifier

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

### Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

### International Students

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

Click [here](#) for Division I academic requirements.



## DIVISION II

### FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

## DIVISION II

### PARTIAL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.050 & above	400	37
3.025	410	38
3.000	430	39
2.975	440	40
2.950	460	41
2.925	470	41
2.900	490	42
2.875	500	42
2.850	520	43
2.825	530	44
2.800	550	44
2.775	560	45
2.750	580	46
2.725	590	46
2.700	600	47
2.675	620	47
2.650	630	48
2.625	650	49
2.600	660	49
2.575	680	50
2.550	690	50
2.525	710	51
2.500	720	52
2.475	730	52
2.450	740	53
2.425	750	53
2.400	750	54
2.375	760	55
2.350	770	56
2.325	780	56
2.300	790	57
2.275	800	58
2.250	810	59
2.225	820	60
2.200	830	61
2.175	840	61
2.150	850	62
2.125	860	63
2.100	860	64
2.075	870	65
2.050	880	66
2.025	890	67
2.000	900	68 & above

## Test Scores

If a student plans to attend an NCAA Division II college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

\*Final concordance research between the new SAT and ACT is ongoing.

# YOUTH APPRENTICESHIP PROGRAMS

Youth Apprenticeship Programs - No. 515 .5, 1.0 or 1.5 Credit Elective - Grades 11, 12

Youth Apprenticeship is a unique opportunity for juniors and/or seniors to start preparing for a career while in high school. Students are simultaneously enrolled in academic classes to meet high school graduation requirements, in a youth apprenticeship related instruction class, and are employed by a participating employer under the supervision of a skilled mentor.

## **Key Elements:**

- Industry-developed skill standards
- Exposure to multiple aspects of the industry
- Skilled mentors assigned to train the students
- Paid on-the-job work experience and high school credit
- Related classroom instruction concurrent with work-based learning
- State-issued skill certificate

## **Programs Offered at Lincoln High School:**

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Child Care Teacher (Local with DPI Certification)
- Finance
- Health Science
- Hospitality, Lodging, & Tourism
- Information Technology
- Manufacturing
- STEM (Science, Technology, Engineering and Math)
- Transportation, Distribution and Logistics (Auto Technician)
- Marketing

## **How do students get involved in this program?**

Interested students must apply through their school counselor and/or career & technical education (CTE) coordinator. Selection is based on career interest, skills, employability, attitude, attendance, credits, grades and recommendations. This program is competitive and subject to business and industry availability.

## CO-CURRICULAR ACTIVITIES

Lincoln High School offers a variety of co-curricular activities that allow for student participation beyond the normal school day. These activities allow students additional opportunities to develop their talents in activities beyond the classroom. We encourage all of our students to become involved in the wide range of activities Lincoln has to offer. Studies have indicated that students involved in co-curricular activities tend to have higher grades, better attendance rates, and higher self-esteem than students who do not participate in co-curricular activities.

The following activities and clubs meet throughout the school year. If you have further questions, please contact your counselor.

### Student Activities:

Ahdawagam Yearbook	FACT (Fight Against Corporate Tobacco)	Live Stream Club	<b>MUSIC:</b>
Art Club	FCCLA (Family, Career & Community Leaders of America)	Math League	Chamber Players
Art Honor Society	FFA	Mock Trial	Chamber Singers
Bloodstone	Flannel Club	Mountain Biking Club	Jazz Ensemble
Bucket Bombers	Floss Club	National Art Honor Society	Mariachi Band
Calligraphy Club	Forensics	National Honor Society	Musical
Cheer & Stunt	French Club	Native Youth Leadership	Pep Band
Chess Club	Gaming Club	Power Club	Tri-M Music Honor Society
Competitive Figure Skating	GSA (Gender Sexuality Alliance)	Principals Student Advisory Committee	
Conservation Club/Ice Fishing	German Club	Raider Buddies	
Cool 2 Be Kind	History Club	Ski & Snowboard Society	
Curling Club	HOSA (Health Occupations)	Skills USA	
Dance Team	Key Club	Stage Tech. Academy	
DECA (An Association of Marketing Students)	Knitting Club	Student Council	
Drama Club & International Thespian Society	Letterwinners	Visual Arts Classic	

**Lincoln High School offers an opportunity for students to become involved in a variety of interscholastic athletic activities.**

**The following activities are described by season:**

**FALL** — Cross Country (Boys & Girls), Football, Golf (Girls), Soccer (Boys), Tennis (Girls), Swimming (Girls), Volleyball (Girls)

**WINTER** — Basketball (Boys & Girls), Gymnastics, Hockey (Boys & Girls), Swimming (Boys), Wrestling

**SPRING** — Baseball (Boys), Golf (Boys), Soccer (Girls), Softball (Girls), Track (Boys & Girls), Tennis (Boys)

### Academic Performance Is Important For All Extra Curricular Activities

All students should continually strive to achieve their full potential in areas of academic performance and school attendance. In order to participate in competitions and public events, each participant/student-athlete must maintain acceptable academic standards. The acceptable academic standard for LHS co-curricular participation is a progress or a report card that contains no more than one grade of an F. This standard of eligibility is expected to be met during the school year at 6 weeks (during trimester 1), 18 weeks (during trimester 2), and 30 weeks (during trimester 3) and at the end of each term. (Please see the WRPS District Activities Code for more specific information.)

# SUCCESS CENTER/PRIDE PROGRAM

## SUCCESS CENTER TUTOR PROGRAM

Peer tutoring is a long-standing LHS tradition where students volunteer their time to help other students gain a better understanding of a subject and improve their academic performance. No matter what subject your student needs support in, the tutoring program will find a tutor to help. Tutor teams work on homework assignments, reading/writing skills, and study for tests. They meet two or three times a week before school, during study halls or RPT, or after school.

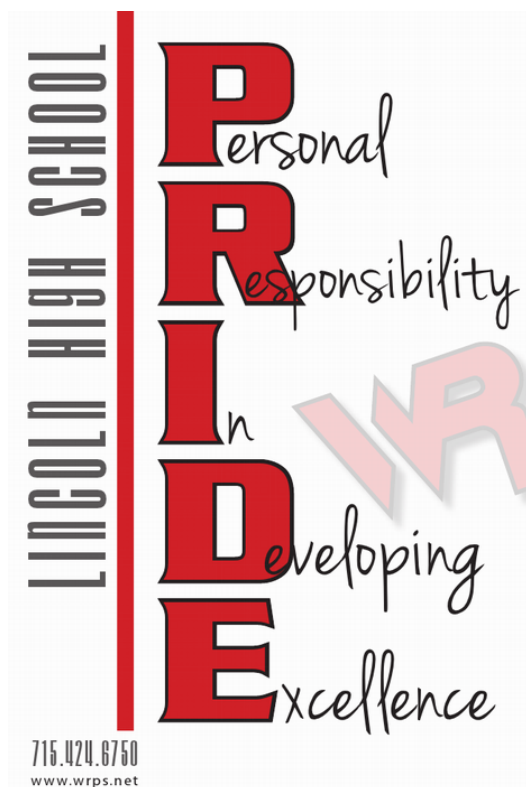
## PRIDE PROGRAM

You will see this PRIDE logo in many places at LHS; on posters and walls at LHS, in newsletters, on t-shirts and magnets. This logo represents what we talk to your students about in class, in the hallway, and in LHS student organizations.

A Positive Behavior Support committee exists that was formed to encourage and develop character excellence. Behavior support will be available for those students who struggle with these expectations and a discipline action plan enforced. Students who are making wise behavioral choices will be recognized on a regular basis as well.

We know that parent involvement in all aspects of a child's education is often the key to the overall success of the student. You might be asking, "What can I as a parent or guardian do at home to encourage these positive behaviors in my child?" Quite simply, talk about them as a family. Copy the PRIDE chart which is found at, <https://www.wrps.org/schools/lincoln/priderewardprogram.cfm>, and post it in a visible spot and encourage these expectations at home. Reference the chart when you see your child using positive behaviors and let them know you appreciate their efforts and actions. On the flip side, when you see negative behaviors or attitudes, talk to them about the expectation and ways to make improvements.

Our goal is to create and maintain a safe and effective learning environment ensuring that all students graduating from LHS possess the social and emotional skills necessary for a successful future.



*"Working together with home and community, we are dedicated to providing the best education for every student, enabling each to be a thoughtful, responsible contributor to a changing world."*

## COLLEGE, CAREER, AND VOLUNTEER CENTER

The College, Career & Volunteer Center is a space designed specifically to support all Lincoln High School students with their academic and career planning needs.

Academic and Career Planning (ACP) is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration and the development of career management skills.

The College, Career & Volunteer Center is located off of the commons/cafeteria, next to the Rapid River Cafe, and is open Monday-Friday from 7:15 am - 3:15 pm.

All students are encouraged to visit this office for their ACP needs, including:

Academic and Career Planning/Xello activity assistance

College, Military and apprenticeship representative visits

Application assistance (job, scholarship, college, financial aid, etc.)

Scholarship essay assistance

Employment preparation (job search, applications, cover letter, interview practice and tips, etc.)

Student job board

Post-secondary information/literature (colleges/universities, military branches, apprenticeships, trade schools)

Volunteer opportunities and connections

The College, Career & Volunteer Center also assists with the coordination of the annual LHS Career Discovery Day, school sponsored fall and spring campus visit field trips, senior financial literacy simulation, sophomore higher education showcase, FAFSA fill-in night events, spring teen job fair, and Academic and Career Planning curriculum.

Connect with the College, Career & Volunteer Center on social media to stay up to date on important student events, information and opportunities!

Check out our website: [sites.google.com/wrps.net/collegecareervolunteercenter/home](https://sites.google.com/wrps.net/collegecareervolunteercenter/home)

Facebook - @LHSCollegeCareerVolunteerCenter

Twitter - @LHS\_ACP

Instagram - @LHS\_CollegeCareerVolunteer

There are numerous student volunteer opportunities in our community and school. Many of these activities are available on an annual basis and include: Stuff the Bus/Desk, Day of Caring, Community Candles and the Senior Service Project.

### **VOLUNTEER PROGRAM**

The Lincoln High School Volunteer Program is available for all students, grades 9-12, on a voluntary basis. No academic credit is given for participation. Students have opportunities to earn recognition for their transcript and/or graduation. For 100 hours of service during their high school career, students will receive graduation recognition. For 30 hours of service during each school year, students can earn annual recognition on their transcript.

There are numerous student volunteer opportunities in our community and school. Many of these activities are available on an annual basis and include: Stuff the Bus/Desk, National Day of Caring, Community Candles and the Senior Service Project. Other opportunities are posted on an "as-needed" basis and can be checked regularly by visiting the Lincoln High School Volunteer Program webpage on [wrps.org](http://wrps.org). Students may also "like" Lincoln High School College, Career & Volunteer Center on social media for up-to-date information and opportunity postings.

Students record their volunteer hours in the Student Volunteer Hours Log form. A copy of their form is sent to the student's school email. This allows students to see their growth as a volunteer throughout high school but also creates an electronic resume of volunteer hours that may be valuable in applications for jobs, scholarships and/or post-secondary education.

# **IMPORTANT DATES FOR 2021-2022 SCHOOL YEAR**

## **SCHEDULE PICK UP DAYS**

Mark your calendars to attend one of the times listed below to take care of back to school paperwork and pick up your schedule.

**THURSDAY - AUGUST 19, 2021**  
**11:00 am - 4:00 pm**

**TUESDAY - AUGUST 24, 2021**  
**11:30 am - 3:00 pm**

**THURSDAY - AUGUST 26, 2021**  
**3:00 pm - 7:00 pm**

**MONDAY - AUGUST 30, 2021**  
**3:00 pm - 6:00 pm**

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## **LINK CREW ORIENTATION**

**TUESDAY - AUGUST 24, 2021**  
**8:00 am - 12:00 pm**

This course is required for all freshmen and will take place on August 24, 2021 for 5 hours starting in the morning. Link Crew is designed to link freshmen with successful upperclassmen with the intention of creating a positive and cohesive school culture. Through the implementation of energetic and purposefully designed activities, students will experience a curriculum rich in team and individual skill development. Students will leave this course more prepared to have a successful high school experience while obtaining skills which promote post-secondary college and career readiness.

## FOUR-YEAR ACADEMIC PLANNING GUIDE

	<b>Freshman</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>
	Academic Year 20__-20__	Academic Year 20__-20__	Academic Year 20__-20__	Academic Year 20__-20__
Minimum credits for Graduation				TOTAL
<b>Required</b>				
English	English I (1 Credit)	English II (1 Credit)		
Social Studies (See the social studies section for grade level requirements.)				
Math				
Science				
Phys. Ed.	PE I (1/2 Credit)			
Health				
Financial Literacy				
IT Fundamentals I				
<b>SUB TOTAL</b>	16.0			
<b>Electives</b>				
	Minimum of 8.0			
	Elective Credits for Graduation			

Twenty four (24) credits minimum are required for graduation for Lincoln High School. Sixteen (16) are in specific required areas, the remaining seven (8.0) or more can be from either core or elective areas.

**\*\*The Financial Literacy Credit can be satisfied with:  
 Personal Finance - No. 506, Accelerated Financial Algebra- No. 422, Financial Algebra - No. 421, On Your Own - No. 939, Principles of Economics - No. 222, AP Macroeconomics - No.233, or AP Microeconomics- No. 234.**

The minimum graduation requirements are not always adequate for admission to the University of Wisconsin and some other four-year universities. For university admission you must complete math courses through Algebra 2. Three credits of science, sometimes specifically in the areas of Biology, Chemistry, and Physics, are required. At least two years of a World Language are recommended by some universities, and required by UW-Madison and many University of Minnesota campuses. Technical college admission for scientific, technical or health programs may also require higher standards. Specific admission requirements vary by campus; see your counselor for more details.



# RIVER CITIES

## RIVER CITIES HIGH SCHOOL

River Cities High School is an application-based alternative high school within the Wisconsin Rapids Public School District for credit-deficient students.

For more information, visit <http://www.wrps.org/schools/rivercities/rchshandbook.cfm>.

This Program of Studies is current as of the time it goes to print. At times updates to courses and fees are made after the printing of this book. To see the most current information, view the Program of Studies at: [http://www.wrps.org/schools/lincoln/lhs\\_program\\_of\\_studies.cfm](http://www.wrps.org/schools/lincoln/lhs_program_of_studies.cfm).