

ST. JOHNS HIGH SCHOOL CURRICULUM GUIDE 2023-2024

MISSION STATEMENT

St. Johns Public Schools will provide an educational experience that prepares all students to become individuals who think critically, live purposefully, lead responsibly, communicate persuasively, and serve others generously.

Dear Parents and Students:

It is our goal to present a program that allows every student the opportunity to be challenged, to pursue interests and goals, and to realize maximum potential.

Your selection of courses may very well be the most important task you undertake during your high school career. Please involve your parents, your teachers, and your counselor in this process. Student requests are used to determine the classes offered. Care will be taken to ensure proper placement in the courses requested. Therefore, **NO CHANGES IN A STUDENT'S SCHEDULE WILL BE MADE UNLESS THERE IS A COMPELLING REASON!**

Nondiscrimination Policy

Following is the St. Johns Board of Education policy as it relates to educational programs to eliminate discrimination and denial based on race, color, national origin, sex, and disability. Anyone who wishes to file a complaint as it relates to this policy may obtain a copy of the procedures to file such a grievance from the Board of Education offices, or see the procedure as provided later in this document.

“It is the policy of the St. Johns School District that no person shall, on the basis of race, color, national origin, sex, or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity and in employment.”

Civil Rights Compliance – Title VI

“The St. Johns Public Schools, located at 501 West Sickles Street, St. Johns, MI 48879, will receive and use Federal funds and United States Department of Agriculture donated foods. No person because of race, color, national origin, sex, age, or disability shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination to our United States Department of Agriculture donated foods and child nutrition programs or be discriminated against in any of the above ways, in any program that receives Federal financial assistance.”

Vocational Nondiscrimination

Be advised that St Johns Public Schools offers vocational opportunities to all students regardless of race, color, national origin, sex, disability, or limited English proficiency. Any questions concerning TITLE IX of the Educational Amendments of 1972 or Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination based on sex, or any person who believes they have been discriminated against, should write immediately to the districts Compliance Officers:

Mark Palmer
Superintendent
St. Johns Public Schools
501 W. Sickles St
St. Johns MI 48879
989.227.4001

Jacob Hampton
Technology Director
St. Johns Public Schools
501 W. Sickles St.
St. Johns MI 48879
989.227.4086

Mary Garrigus
Special Education Director
504 Coordinator
501 W. Sickles St.
St. Johns MI 48879
989.227.4006

Stephanie Bush
Student Social Worker
St. Johns Public Schools
501 W. Sickles St.
St. Johns MI 48879
989.227.4126

Grievance Procedure – Title IX, Title II, Section 504

An internal complaint may be filed by a student and/or parent. A student and/or parent may initiate the internal complaint procedure when s/he/they believe that a violation, misapplication or misinterpretation of Section 504, Title IX, or Title II has occurred. Additionally, the following procedure may be used for any disagreement with respect to actions regarding the identification, evaluation, or educational program or placement of students who are identified as disabled or believed to be disabled pursuant to Section 504, and are not eligible under the IDEIA, except in the case of disciplinary actions where the provisions of the Student Code of Conduct apply. Use of the internal complaint procedure is not a prerequisite to the pursuit of other remedies, including the filing of a complaint with the U.S. Department of Education's Office of Civil Rights or requesting a due process hearing.

STEP 1: Investigation by the Building Compliance Officer: A student or parent may initiate an investigation by filing a written internal complaint with the Building Compliance Officer. The complaint should fully describe the circumstances giving rise to the dispute and how the child is adversely affected. The complaint must be filed as soon as possible, but not longer than thirty (30) calendar days after disclosure of the facts giving rise to the complaint. The Building Compliance Officer shall conduct an impartial investigation of the complaint. As part of the investigation, the Building Compliance Officer shall permit the complainant to present witnesses and other evidence in support of the complaint. The investigation shall be completed within fifteen (15) days of the written complaint being filed. The Building Compliance Officer will notify the complainant in writing of his/her decision.

Step 2: Appeal to the District Compliance Officer: If the complaint is not resolved satisfactorily at Step 1, the student or parent may appeal the Building Compliance Officer's decision in writing to the District Compliance Officer. The appeal must be made within five (5) school days following receipt of the Building Compliance Officer's decision. The District Compliance Officer will review the case, may conduct an informal hearing, and will notify all parties in writing of his/her decision within ten (10) school days of receiving the appeal.

Step 3: If the complaint is not resolved satisfactorily at Step 2, the student or parent may request a due process hearing with the Board of Education.

Step 4: If at this point, the grievance has not been satisfactorily settled, further appeal may be made to the Office of Civil Rights, Department of Health & Human Services, Washington D.C.

Table of Contents

Staff Directory	Pg. 5
Overview and Descriptions of the Career Pathways	Pg. 7
Career Pathways	
Arts and Communication	Pg. 8
Business, Management, Marketing, and Technology	Pg. 8
Engineering, Manufacturing, and Industrial Technology	Pg. 8
Health Science	Pg. 9
Human Services	Pg. 9
Natural Resources and Agriscience	Pg. 9
Graduation Requirements, College Recommendations, and Personal Curriculum Planning Guide, Required Core Curriculum, and Grade Reporting	Pg. 10
	Pg. 11-12
Course Descriptions	
Art	Pg.13-15
Business	Pg. 16-18
CAD & Design Technology	Pg. 19-20
English	Pg. 21-24
Family and Consumer Science	Pg. 25-26
Mathematics	Pg. 27-29
Metal Technology	Pg. 30
Music	Pg. 31-33
Physical Education	Pg. 34-35
Science	Pg. 36-40
Social Studies	Pg. 41-43
Special Education	Pg. 44
Welding Technology	Pg. 45
Wood Technology	Pg. 46-47
World Languages	Pg. 48
Additional Programs	Pg. 49
CCRESA and EISD	Pg. 50-58
Other Information	
Assessment Tests	Pg. 59
Testing Out	Pg. 59
NCAA Initial Eligibility	Pg. 60
Military Information	Pg. 61
Financial Aid and College Websites	Pg. 62-64
Directory of Michigan Colleges and Universities	Pg. 65-67

Staff Directory

All extensions may be called directly by dialing 227 and then the extension.

Name		EXT.	Email
Administration			
Mark Dobson, Principal		4103	dobsonm@sjredwings.org
Zane Ballard, Assistant Principal		4105	ballardz@sjredwings.org
Megan Merchant, Activities and Athletics Director		4132	merchantm.@sjredwings.org
Counselors			
Nicole Toft	All Freshman	4116	toftn@sjredwings.org
Tammi Ballard	A-L (10 th -12 th grade)	4117	ballardt@sjredwings.org
Becky Holmes-Bukantis	M-Z (10 th -12 th grade)	4118	holmesb@sjredwings.org
Teachers			
	Department	EXT.	Email
Arts, Bethany	Special Ed	4173	artsb@sjredwings.org
Astle, Brita	Art	4268	astleb@sjredwings.org
Ballor, Michael	English	4281	ballorm@sjredwings.org
Barrett, Amy	Business	4168	barretta@sjredwings.org
Barrett, Bean	Phys.Ed	4291	barrettb@sjredwings.org
Becker, Sheri	Math	4292	beckers@sjredwings.org
Barry, Erin	Spanish	4296	barrye@sjredwings.org
Billings, Matt	Metals	4221	billingsm@sjredwings.org
Brewer, Jennifer	Spanish/English	4234	brewerj@sjredwings.org
Charneski, Jackie	English	4284	charneskij@sjredwings.org
Costigan, Cassie	Spec. Ed	4165	costiganc@sjredwings.org
Cramer, Chris	Spec. Ed./History	4171	cramerc@sjredwings.org
Davis, Roy	Music	4273	davisr@sjredwings.org
Feldpausch, Neil	Ind. Arts	4226	feldpauschn@sjredwings.org
Foster, Joe	Social Studies	4287	fosterj@sjredwings.org
Guenther, Jennifer	Math/Science	4239	guentherj@sjredwings.org
Hart, Alyssa	Math	4293	harta@sjredwings.org
Hatten, Zach	Science	4242	hattenz@sjredwings.org
Hessinger, Joey	Math	4290	hessingerj@sjredwings.org
Heystek, Kathy	Art	4269	heystekk@sjredwings.org
Keller, Missy	Special Ed.	4174	kellerm@sjredwings.org
LaBar, Rick	Ind. Arts	4223	labarr@sjredwings.org

Staff Directory (cont.)

All extensions may be called directly by dialing 227 and then the extension.

Teachers	Department	Ext.	Email
Lasceski, Mark	Math	4288	lasceskim@sjredwings.org
Maloney, Cheryl	Phys. Ed	4254	maloneyc@sjredwings.org
Miller, Caleb	Science	4247	millerc@sjredwings.org
Moyer, Jarod	Choir	4274	moyerj@sjredwings.org
Palmer, Barry	English	4282	palmerb@sjredwings.org
Parker, Jake	Social Studies	4170	parkerja@sjredwings.org
Parker, Jennifer	Orchestra	4275	parkerj@sjredwings.org
Phillips, Derek	Phys. Ed/Health	4153	phillipsd@sjredwings.org
Sackrider, Cali	Spanish/English	4233	sackriderc@sjredwings.org
Sackrider, Robert	English	4283	sackriderr@sjredwings.org
Schmitt, Andy	Math	4172	schmitta@sjredwings.org
Schultz, Rick	Science	4244	schultzr@sjredwings.org
Simon-Pieters, Kari	Science	4238	simonk@sjredwings.org
Snyder, Christina	English	4248	snyderc@sjredwings.org
Stevens, Heather	Math	4289	stevonsh@sjredwings.org
Streeter, Tom	Science	4241	streetert@sjredwings.org
Stukey, Dave	Social Studies	4169	stukeyd@sjredwings.org
Svoboda, Allie	FCS	4270	svobodaa@sjredwings.org
Thomas, Jackie	Special Ed.	4176	thomasj@sjredwings.org
Trevino, Cole	Social Studies	4249	trevinoc@sjredwings.org
Truitt, Alicia	French	4235	truitta@sjredwings.org
Veale, Derrick	Science	4245	vealed@sjredwings.org
Wade, Nate	English	4285	waden@sjredwings.org
Wieczorek Allen, Julie	Special Ed.	4164	allenj@sjredwings.org
Wollison-Hyde, Laura	Business	4167	wollison-hydel@sjredwings.org
Zuke, Ally	Social Studies	4163	zukea@sjredwings.org

St. Johns Public Schools

High School Program of Studies

The world of work is rapidly changing, as existing careers become more complex and new careers demand increased levels of education. Students must acquire increased academic competencies, advanced technical skills, communication skills and greater problem-solving abilities to become productive citizens in a highly global economy. It is the goal of St. Johns High School to create a climate where expectations are high, individual differences are nurtured, global awareness is promoted, lifelong learning is valued, and self-esteem is enhanced.

The high school program of St. Johns Public Schools offers a challenging course of study, designed for students to recognize, and achieve their academic and career potential. Through a coordinated sequence of academic and technical courses and work experience programs, all students will be better prepared for their post high school experiences and continuing their education to reach their goals. As lifelong learners, St. Johns High School graduates may continue their education at four-year colleges, community colleges, technical institutions, the military or in apprenticeship/training programs as they strive to reach their own individual academic and career goals.

Career Pathways

The St. Johns High School Programs of Study are designed to offer students a pathway to success. As students enroll in school, they will select a career pathway designed to meet their academic potential and career interest. The pathway selection will provide a focus, and the foundation, for the students' learning experiences. The students will develop a four-year high school educational plan that will maximize their post-high school potential and opportunities. Through an applied academic instructional program, all students will begin to identify and value the relationship between their academic studies and real-world applications. This contextual learning experience will enable students to make informed decisions that will better match their interests and aptitudes with their academic experiences as they consider career pathway options. Students will continue to meet with their counselor and other resource staff members throughout high school to review their progress toward achieving their goals and to further refine or modify their academic and career plans.

Arts and Communication

Careers related to the humanities and to the performing, visual, literary and media arts. These may include creative or technical writing, illustrating, graphic designing, publishing, theater arts, journalism, languages, radio and television broadcasting, photography, advertising, and public relations.

If you answer yes to many of the following questions, you may enjoy a career in this pathway:

- Are you creative, innovative, or imaginative?
- Do you enjoy creative work involving design, color, form, and material?
- Do you enjoy designing or laying out a project?
- Are you musically or artistically creative?
- Do you seek opportunities for self-expression?

Business, Management, Marketing & Technology

Careers related to all aspects of business including accounting, business administration, finance, information processing, and marketing. These may include entrepreneurship, sales, marketing, hospitality and tourism, computer information systems, finance, accounting, office administration, personnel, economics, and management.

If you answer yes to many of the following questions, you may enjoy a career in this pathway.

- Do you like interacting and working with other people?
- Are you organized, efficient, and enjoy detailed people work?
- Do you like working with computers?
- Do you like to solve problems and make decisions?
- Do you think logically and make well thought-out decisions?

Engineering/Manufacturing and Industrial Technology

Careers related to the technologies necessary to design, develop, install, or maintain physical systems. These may include occupations in designing, engineering and science, service technicians, manufacturing technology, transportation, and construction.

If you answer yes to many of the following questions, you may enjoy a career in this pathway.

- Do you like to work both alone and with others?
- Do you like to work with tools, objects, or numbers?
- Do you enjoy combining mental and manual skills to solve problems?
- Do you like to work accurately and precisely?
- Do you like to solve math problems quickly and accurately?

Health Sciences

Careers related to the promotion of health as well as the treatment for injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness and hygiene, public health, and veterinary science.

If you answer yes to many of the following questions, you may enjoy a career in this pathway.

- Are you interested in caring for others?
- Are you interested in science and medicine?
- Are you interested in medical environments?
- Do you pay attention to detail?
- Can you follow instructions precisely?

Human Services

Careers related to childcare, civil service, education, hospitality, and the social services. These may include law and legal studies, law enforcement, public administration, child and family services, and social services.

If you answer yes to many of the following questions, you may enjoy a career in this pathway.

- Do you like activities involving people and the communication of ideas?
- Do you enjoy providing service to others?
- Are you understanding, patient and empathic?
- Do you like to analyze situations, develop solutions, and solve problems?
- Do you inspire trust and confidence in others?

Natural Resources and Agriscience

Careers related to natural resources, agriculture, and the environment. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, wildlife management, and many agri-business/agri-industry occupations.

If you answer yes to many of the following questions, you may enjoy a career in this pathway.

- Do you enjoy working outdoors with plants or animals?
- Do you enjoy scientific and technical work?
- Do you have strong observation skills?
- Can you work alone and with others?
- Are you a nature lover?

Graduation Requirements

Minimum courses required for graduation:

- 4.0 English
- 4.0 Mathematics through Algebra
- 3.0 Science (including Chemistry)
- 1.0 U.S. History I/II & Geography
- 1.0 World History I/II & Geography
- 0.5 Government
- 0.5 Economics
- 0.5 Careers/Computer
- 2.0 Foreign Language
- 1.0 Health & Physical Education
- 1.0 Visual, Performing or Applied Arts
- 2.0 Seminar
- 9.5 Electives
 Online Learning Experiences

Personal Curriculum

A Personal Curriculum (PC) may be requested by a parent to modify the Michigan Merit Curriculum (MMC). A PC will be written to:

- Go beyond the academic credit requirements by adding more math, science, English language arts, or world languages credits.
- Modify the mathematics requirement.
- Modify, if necessary, the credit requirements of a student with an Individual Educational Plan (IEP).
- Modify credit requirements for a student who transfers in from out of state or a nonpublic school and is unable to meet the MMC requirements.

Approval for a PC resides with the St. Johns Public Schools district.

College Recommendations

High school students should realize that completing these required courses, even the difficult ones, may not guarantee college admission or career success.

However, the public universities firmly believe that students who complete the college core requirements will be more competitive and better prepared to achieve their future educational goals. The completion of the core requirements provides the basic academic foundation expected of high school graduates for success in post-secondary institutions.

All students should prepare to participate in further training and employment after high school.

Strongly Recommended:

- 4.0 credits English
- 3.0 credits Math (thru Algebra II)
- 3.0 credits Science (thru Chemistry)
- 4.0 credits History and Social Science
- 3.0 credits Foreign Language

Recommended:

- 2.0 credits Fine and Performance Arts

Student Academic and Career Planning Guide

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Sept.: SAT Workshop	Sept.: SAT Workshop	Sept.: Junior class meeting, college/military reps. SAT Workshop	Sept.: Senior college information session regarding scholarships and financial aid information
Sept./Oct.: Visit College/Career Fairs	Sept./Oct.: Visit college/career fairs, resume development	Sept./Oct.: Begin job shadowing process, resume development	Sept./Oct.: College applications, sign up for ACT/SAT, college/military reps review graduation plan, finalize resume
Resume development	Nov: RESA Career Expo	Oct.: PSAT/NMSQT Test	Oct.: Senior meeting with counselors, FAFSA
Redefine career pathway decision	Jan.: SAT Workshop	Oct.: Sign up for AP Testing	Oct: Sign up for A.P. Testing
Jan.: SAT Workshop	Jan./Feb.: Meet with counselor to determine junior schedule	Jan.: SAT Workshop	Nov.: Prepare/Update resume
Jan./Feb.: Meet with counselor to determine sophomore schedule	April: PSAT 10	Jan./Feb.: Meet with counselor to determine senior schedule	Dec./Jan.: Scholarship/Financial aid searches
April: PSAT 9	Continue EDP process	April: Michigan Merit Exam	Feb./March: Financial aid forms, submit by May 1. Senior Interview Day
XELLO		May: A.P. Testing	May: A.P. Testing
Continue EDP process		June: ACT/SAT retake	
Become involved with extracurricular activities		Visit College/Career Fairs	
		Spring/Summer: College Visitations, Continue EDP process	

Required Core Curriculum

Grade 9	Grade 10	Grade 11	Grade 12
1.0 English 9	1.0 American Lit.	1.0 British Lit.	1.0 English
1.0 Math	1.0 Math	1.0 Math	1.0 Math
1.0 P.E.	1.0 Science	1.0 Science	.5 Seminar
1.0 Science	1.0 World History I/II	.5 Economics	5.5 Electives
1.0 U.S. History I/II	.5 Seminar	.5 Government	
.5 Careers/Computer Apps	3.5 Electives	.5 Seminar	
.5 Seminar		3.5 Electives	
2.0 Electives			

All students must:

- complete Math through Algebra II.
- complete Science through Chemistry.
- complete an on-line learning experience. (This is easily done in many classes)
- complete 2 years of same foreign language.

GRADE REPORTING:

Progress Reports and Report Cards are available through the parent portal regularly scheduled times during the year. If you need a hard copy of a report card mailed, please contact the main office. A report of I (Incomplete) indicates that the work required must be completed within two weeks or an F will result.

Visual Art

Courses Offered	9	10	11	12
Intro to Art Workshop	•	•	•	•
Fundamentals of Art (Art I)	•	•	•	•
Fine Art (Art II)		•	•	•
Design Process	•	•	•	•
3-D Exploration	•	•	•	•
Ceramics I	•	•	•	•
Ceramics II		•	•	•
Visual Art Journal			•	•
Portfolio			•	•

3-D Exploration

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Lab Fee: Cost of materials and supplies for each project

This course offers a variety of media experiences in 3-dimensional art. Students will build vocabulary of artistic terminology. This course will infuse art history in lessons, looking at how sculptural art has been used globally and historically. Materials such as plaster, metal, leather, cloth, wood, cardboard, wire, and others may be explored. Fabrication techniques, design fundamentals, and visual critiques of student work will be emphasized. Evaluation will be based on project work, class participation, written work, and critiques. Students are required to keep a progressive sketchbook of their research, techniques, and drawings. Attendance and participation are graded elements in this class, as it is a studio course.

Ceramics I

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Lab Fee: Cost of materials and supplies for each project

The Ceramics I course is designed to teach the fundamentals of working with clay. The emphasis of the term is learning how to hand-build. Students will be introduced to slab, coil, pinch pot, and modeling forms. This class is a messy hands-on course. It requires cooperative learning in a studio environment. Grading is non-subjective. Student grades are based on development of students' designs, application of learned techniques, craftsmanship, stability of work, task completion, and project specific criteria. The final exam will focus on the comprehension of vocabulary, and ceramic techniques. Attendance and participation are graded elements in this class, as it is a studio course.

Ceramics II

Grades 10, 11, 12

1 Trimester | ½ credit

Lab Fee: Cost of materials and supplies for each project

Ceramics II is a follow up course to Ceramics I. The class is structured for advanced students to apply their own creativity toward developing portfolio quality projects. Students will review techniques, and apply them on larger, more professional projects. Most of the coursework produced in this class will be created from composite forms. These are complex projects, created by combining, coil, slab and pinch-pot forms. This class will investigate various historical and cultural ceramic forms. Students are required to sketch and draw out designs. Attendance and participation are graded elements in this class, as it is a studio course

Design Process

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Art Design is aimed for art students who wish to learn about the Principles and Elements of Art. This class will expand students' understanding of art vocabulary and theory through a series of technical art exercises. This is an excellent foundation course for students interested in pursuing a career in graphic design, web design, or advertisement. Attendance and participation are graded elements in this class, as it is a studio course.

Fine Art (Art II)

Grades 10, 11, 12

1 Trimester | ½ credit

Prerequisite: Fundamentals of Art, with a “B” or better

Fine Art is a class for the enthused art student who has successfully completed Fundamentals of Art. This course further extends the ideas and concepts from the “Fundamentals of Art” class. Polishing students' observational drawing skills and techniques will be the key focus of this course. In addition to drawing, painting (acrylic, and/or watercolor) will be explored more in-depth. Students are required to keep a progressive sketchbook of their research, techniques, and drawings. Bi-weekly sketchbook assignments will be collected and graded. Attendance and participation are graded elements in this class, as it is a studio course.

Fundamentals of Art (Art I)

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Fundamentals of Art is a foundation class for students beginning to take high school art. The goal of this course is to give students a base of art concepts, thus preparing them for future courses. This course provides an opportunity for the student to develop their creative expression, visual problem solving, media techniques, awareness of art history, and craftsmanship. Emphasis is placed on drawing, design, painting, and the language of visual art. Bi-weekly sketchbook assignments will be collected and graded. Evaluation will be based on project work, class participation and critiques. Attendance and participation are graded elements in this class, as it is a studio course.

Introductory Art Workshop

Grades 9, 10, 11, 12

1 Trimester | ½ credit

This course offers the student a chance to sample a variety of art techniques and materials such as paint, metal, drawing, printmaking, pen & ink, and others. Students will develop their use of artistic language and cooperative visual critiquing. Lessons based on the work of master artists, multicultural craft, or global art will be included in the term. Students will be assessed on projects, class participation, written work, tests, and quizzes.

Portfolio

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Fundamentals of Art and Fine Art, Intro to Art, Design Process, and Instructor Approval

This course is designed for the highly motivated art student who plans on pursuing an art or design related career or considers art a serious hobby). Students will build a professional-style portfolio throughout the year. Their portfolio work will be large scale, have fine craftsmanship, and be original. Each portfolio student will strive to develop a theme or concentration. Students will be asked to refine their “artistic voice” through development of written artist’s statements. Students will be required to research historical as well as contemporary artists, inspiring their work. Students will be featured at a portfolio spring art show. At the spring art exhibition, each student will set up a display of their best artwork and artist statements. Evaluation for the terms will include weekly sketchbook assignments, project grades, written work, class participation, tests, and quizzes. Students are required to keep a progressive sketchbook of their research, techniques, and drawings. Attendance and participation are graded elements in this class, as it is a studio course.

Visual Art Journal

Grades 11, 12

1 Trimester | ½ credit

Prerequisite: Intro to Art or Fundamentals of Art, Fine Art, and Design with a “B” or better in Fine Art

Lab Fee: Cost of materials and supplies for each project

This class is designed for students that successfully completed Intro to Art, Fundamentals of Art, Fine Art, and Design. This class will expand students understanding of art vocabulary, theory, and history through a series of technical art exercises and media, as well as a writing component. Students will be studying contemporary artists, and art styles through the production of a visual art journal (book). Fabrication techniques, design fundamentals, and visual critiques of student work will be emphasized. Evaluation will be based on project work, class participation, written work, and critiques. Attendance and participation are graded elements in this class, as it is a studio course.

This course has a \$5.00 materials fee.

Business Services & Technology

Courses Offered	9	10	11	12
Career/Computer Applications	•			
Digital Design	•	•	•	•
Business Management		•	•	•
Programming I		•	•	•
Microsoft Academy		•	•	•
Web Authoring I & II		•	•	•
Accounting I & II		•	•	•
Yearbook		•	•	•
Accounting III & IV			•	•

Accounting I

Grades 10, 11, 12

1 Trimester | ½ credit

This course provides a method of keeping systematic records for a business or individual. Students will learn basic accounting terms, how to execute a basic business transaction, prepare and understand financial reports and complete a simple accounting cycle.

Accounting II

Grades 10, 11, 12

1 Trimester | ½ credit

Prerequisite: Accounting I

Students will study banking procedures (cash control, use of checking accounts and reconciling bank statements), and payroll (calculate timecards, compute commissions, and complete payroll records). The students will then learn how to complete an accounting cycle for a merchandising corporation using special journals. Hands-on experience will be provided using mini practice sets.

Accounting III

Grades 11, 12

1 Trimester | ½ credit

Prerequisite: Accounting II

Students will complete the accounting cycle for a merchandising corporation and work with accounting for publicly held corporations, cash funds, inventories, payables and receivables, and plant assets and depreciation. Hands-on experience may be provided using mini practice sets. Additional study towards a Microsoft Certification in Excel will be explored.

Accounting IV

Grades 11 ,12

1 Trimester | ½ credit

Prerequisite: Prior Successful Completion of Accounting I, II, & III

Accounting for partnerships will be explored, including financial statements and liquidation issues. Ethics in accounting will also be covered, as well as any topics not completed previously. The emphasis for this class will be to gain experience and expertise in computerized accounting, using practice sets and simulations. Students will continue to study and take the Microsoft Certification Test in Excel.

Business Management

Grades 10, 11 ,12

1 Trimester | ½ credit

Prerequisite: Career/Computer Applications

This course is designed to provide an understanding of the business environment with emphasis on entrepreneurship. Students will explore the economic and legal requirements of doing business. Hands-on projects will include creating a (fictional) business and writing a business plan.

Career/Computer Applications

Grade 9

1 Trimester | ½ credit

Required course for all freshmen.

Students will utilize Xello in career exploration and research, as well as create an Educational Development Plan for setting SMART goals and planning courses they will take throughout high school. Students in this course will review core computer skills, commonly used computer applications and improve keyboarding technique, speed, and accuracy. In addition, students will prepare for a career by identifying individual areas of interest and aptitudes; gaining job search skill; successfully completing job applications; and completing a resume and cover letter.

Digital Design

Grades 9, 10, 11 ,12

1 Trimester | ½ credit

Prerequisite: Career/Computer Applications

The objective of this course is to prepare students to employ and manipulate technology in publishing, design, and business presentations. Students will learn the essentials of professional design principals, typography, layout, file formats and production techniques. Additionally, learning to think about audience and medium and how those affect the way you craft your message will be covered. In the end, students will have a more critical eye for design, and production techniques. You will have valuable skills you can use in professional and social settings, from editing photographs, to creating a newsletter for an organization you belong to, to developing an effective marketing campaign for a small business. Adobe software will be utilized in production of various marketing materials.

Microsoft Academy

Grades 10, 11 ,12

1 Trimester | ½ credit

Prerequisite: Business Management

This course is designed to cover competency in Microsoft Word, Microsoft Excel, Microsoft PowerPoint, and Microsoft Access. Students who complete the class can gain industry certification from Microsoft. Microsoft Office Specialist (MOS) certification provides validation of knowledge, skills, and abilities relating to Microsoft Office Applications. Students taking this course will be guided in an independent setting, where they will get to choose which program(s) they want to focus on.

Programming I

Grades 10, 11, 12

1 Trimester | ½ credit

This course will introduce the basics of the different types of computer programming. The Visual BASIC programming language with object-oriented programming principles will be emphasized. Students will learn how to use event-driven programming methods, including creating and manipulating objects, classes, and using object-oriented tools such as the class debugger. At the end of the trimester, students should be able to design, code, test, and debug at entry level. Advanced students may start to study for the Microsoft MTA certification exam 98-361. Junior/Senior students in the course with a score of B or above can be eligible to receive articulated credit at LCC and Davenport University.

Web Authoring I

Grades 10, 11, 12

1 Trimester | ½ credit

This course is designed to incorporate a basic understanding of web building and programming. Using HTML5 & CSS standards, students will explore designing and building web pages, learning to incorporate pictures, music, correct text placement, make basic graphic images, and use proper grammar and spelling. All students will become proficient in using digital equipment (scanner and digital camera) web software/pages (Snipping Tool, Icloud9). In addition, Java Scripting and Flash will be used briefly to introduce other languages used in web page building. Problem-solving and hands-on projects will be used throughout the course. Students that excel in this course will have additional opportunities to study for the MTA Exam 98-375.

Web Authoring II

Grades 10, 11, 12

1 Trimester | ½ credit

Prerequisite: Web Authoring I (earning a grade of “C” or better) also Recommended: Programming I

Students will review HTML5, CSS, Java Script, ethics, and current copyright issues as they change rapidly. Basic IT information will be covered in terms of backup and security threats that are possible on web sites. Ecommerce, PHP web programming, mail clients and other advanced topics that the students are interested in specializing can be covered here with teacher approval. Students that excel in this course will have additional opportunities to study for the MTA Exam 98-375.

Yearbook

Grades 10, 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Application/Instructor’s Approval

This is a full-year course with its main objective the production of the yearbook. Students are responsible for business activities such as selling and distributing the book and selling ads to local businesses. They also select the theme, plan pages, select pictures and write yearbook copy. The course is open to sophomores, juniors and seniors who must submit a written application to the Yearbook Advisor. Staff members must be mature, responsible, reliable, and creative. They must also be willing to assume full responsibility for deadlines and camera equipment.

CAD & Design Technology

Courses Offered	9	10	11	12
Introductory Drafting & CAD	•	•	•	•
Engineering CAD I		•	•	•
Engineering CAD II			•	•
Architectural Drafting I		•	•	•
Architectural Drafting II			•	•
Interior Drafting & Design I		•	•	•
Interior Drafting & Design II			•	•
CAD & Design Tech I (CCRESA)			•	•
CAD & Design Tech II (CCRESA)				•

Architectural Drafting I

Grades 10, 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Introductory Drafting recommended but not required or written teacher approval.

Architectural Drafting is a one-year course designed for the individual interested in residential house construction and design. This course will provide the students the opportunity to prepare a set of presentation drawings using traditional drawing techniques. The student will then complete a full set of working drawings using AutoCAD software.

Architectural Drafting II

Grades 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Architectural Drafting I

This course is designed for the student who is interested in careers related to architecture, construction, and interior design. College bound students pursuing a career in those areas should take this class using various CAD programs. Students will be introduced to architectural presentation drawings and photo-realistic renderings using CAD and 3D parametric solid modeling programs. Students will also be introduced to model construction of planned buildings.

Engineering CAD I

Grades 10, 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Introductory Drafting & CAD

This class is designed to help prepare a student for a career in CAD or engineering. Using CAD software, students will be introduced to engineering drawing & design fundamentals, as well as blueprint reading and industrial related math. Schools of engineering rely on the high schools to give students an introduction to this important area of study. Areas covered will include advanced detailing and dimensioning, geometric dimensioning and tolerancing, auxiliary views, revolutions, threads and fasteners, detail/assembly drawings, developments, cams & gears, welding drafting and an introduction to 3D CAD.

Engineering CAD II

Grades 11 ,12

3 Trimesters | 1.5 credits

Prerequisite: Engineering CAD I or written teacher approval

This course is a continuation of Engineering CAD I designed for the student who is serious about a career in CAD, engineering, manufacturing, product design, or other related CAD design careers. This course is designed to introduce the student to advanced CAD techniques using various CAD software programs. Students will focus on completing 3D assembly and detail drawings using parametric solid modeling programs such as SolidWorks. Students will also be introduced to solid model presentations, rendering and animation techniques. Students will also have the opportunity to design and print designs using the 3D rapid prototype printer.

Interior Drafting & Design I

Grades 9, 10, 11 ,12

2 Trimesters | 1 credit

Prerequisite: Introductory Drafting is recommended but not required

This course is designed to give the seriously interested interior design student skills in the interior design profession. Many students have chosen a career goal of interior design: this course gives background in drafting skills to help that student achieve higher levels in his/her chosen interior areas. Students will learn to use drafting equipment, draft and design floor plans, wall and room elevations, perspective room illustrations, design decorating schemes and develop presentation packages. Students will also be introduced to Computer-aided drafting (CAD) techniques using AutoCAD as they apply to interior design.

Interior Drafting & Design II

Grades 10, 11 ,12

3 Trimesters | 1.5 credits

Introductory Drafting is a two-trimester class that provides each student with the fundamentals of drafting and prepares them for future courses in the CAD & Design curriculum. It is also a recommended class for other technology programs, engineering bound students and various other related career opportunities. The first trimester of this class will cover care and use of drafting equipment, sketching skills, lettering, single views, multi-view projection, dimensioning, geometric drafting, pictorial drafting and floor plan development. The second trimester students will learn to use AutoCAD to complete single views, multi-views, sections, and architectural floor plans with elevations.

Introductory Drafting & CAD

Grades 9, 10, 11 ,12

2 Trimesters | 1 credit

Introductory Drafting is a two-trimester class that provides each student with the fundamentals of drafting and prepares them for future courses in the CAD & Design curriculum. It is also a recommended class for other technology programs, engineering bound students and various other related career opportunities. The first trimester of this class will cover care and use of drafting equipment, sketching skills, lettering, single views, multi-view projection, dimensioning, geometric drafting, pictorial drafting and floor plan development. The second trimester students will learn to use AutoCAD to complete single views, multi-views, sections, and architectural floor plans with elevations.

English Language Arts

Requirements:

- English 9
- American Lit.
- British Lit.
- Elective English (1 credit)

Courses Offered	9	10	11	12
English 9	•			
American Lit.		•		
British Lit.			•	
Modern American Lit.			•	•
Speech		•	•	•
Forensics	•	•	•	•
Intro to Theatre	•	•	•	•
Adv. Theatrical Production		•	•	•
Writing Workshop			•	•
Film as Lit.			•	•
Sports Literature			•	•
A.P. English				•

Advanced Theatrical Production

Grades 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite: Introduction to Theatre or Instructor Approval is required.

In this course, students will learn the process of producing dramatic works and perform in a theatrical production. Students will learn how to read and select plays for production and will go through all phases of producing a show for the stage and an audience. The class centers its philosophy on the practical application of skills learned such as set design, script analysis, lighting, make-up, costuming, properties, set construction, set painting, house organization and publicity. This class is for the student who has shown talent, enthusiasm, and dedication necessary to be a member of a theatre-producing company. Students should be capable of expressing a great variety of meanings through voice and body. Students enrolled in this class may be expected to meet outside of class for technical preparation and rehearsals prior to performance dates. The exact dates and times will be decided between the members of the class and the instructor in the first few weeks of class.

American Literature

Grade 10

2 Trimesters | 1 credit

Prerequisite: English 9

All sophomores must take American Literature. The class emphasizes the chronological development of American Literature (essay, poetry, short story, and novel). Another focus will be on writing essays following the steps in the writing process. Composition and vocabulary skill development will be used to aid in the improvement of the student's writing. The course will include journal writing, mini-grammar lessons, and focus techniques for writing more clearly. Students should expect nightly homework assignments.

A.P. English

Grade 12

3 Trimesters | 1.5 credits

Prerequisite: Eng. 9, Amer. Lit, Brit Lit, and senior status.

Advanced Placement English is a yearlong college-level literature and composition course designed to give the English student with exceptional abilities the opportunity to earn college credits. Practice AP tests will be taken throughout the year. Poetry, world literature and expository essays are the focal point of the reading and writing. Upon completion of the course, the student will write the Advanced Placement test in English Literature and Composition, administered in May. In rare circumstances, a placement exam may have to be given to limit overcrowding. A.P. Classes will not be dropped after August 15.

British Literature

Grade 11

2 Trimesters | 1 credit

Prerequisite: American Literature

All juniors must take British Literature. British Literature functions as a two-trimester college-prep course and is highly recommended for all college-bound students. It will emphasize the chronological development of British Literature (epic poetry, poetry, drama, short story, and novel). It will also focus on the organization and development of essays. Test prep will be covered through supplemental units. Students should expect nightly homework assignments throughout the year.

English 9

Grade 9

2 Trimesters | 1 credit

The emphasis for this course will be on skills necessary for successful written communication and for understanding and appreciating literature. The first semester will include vocabulary building, punctuation, writing skills, and literature in the form of short stories and novels. The second semester includes vocabulary building skills necessary for organizing and writing an essay and literature in the form of non-fiction and drama. Evaluation is based on daily assignments, classroom contribution, written assessments, quizzes, and exams. The student's willingness to work and organizational skills will also be a basis for evaluation.

Film as Literature

Grades 11,12

1 Trimester | 1/2 credit

Prerequisite: Junior level literature class

Film as Literature is designed to examine the unique literary topic of motion pictures. Students will examine all technical aspects of film production and analyze the messages they convey. The study of movies will be done through the viewing of films combined with the use of essays, writings, and research. Students will be expected to complete individual critiques of past and present films, as well as becoming familiar with genres and periods of movie making. Films from various eras and locations will be utilized, and students will strengthen their analytical skills as well as learn to recognize the film as an independent form of literature.

Forensics

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

This course offers students an opportunity to explore competitive speech events associated with the Michigan Interscholastic Forensics Association (MIFA). The course combines skills in speaking, interpreting, writing, performing, and researching. Students will experience public speaking events that cover politics, power of persuasion, sales techniques, and television broadcasting; as well as interpretive events such as storytelling, poetry, prose, and drama. This class prepares students to compete in a MIFA sponsored speech competition if they choose.

Intro to Theatre

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

This course is designed to develop an understanding of the process of producing theatre from the written script, to develop skills in theatrical performance, and to develop an appreciation of for the theatrical works, as well as learning about the production process. This class is a prerequisite for Advanced Theatrical Production. *This class may not count as an English elective at certain Colleges or Universities.

Modern American Literature

Grades 11, 12

1 Trimester | 1/2 credit

Prerequisite: Junior level literature class, with at least a “B” average.

This course, designed for the college-bound student, continues the study of American literature. Students will read and discuss 20th century fiction, poetry, drama, and non-fiction, focusing on how the works reflect, or sometimes try to escape, “modern life.” The course assignments are designed to help students adjust to the type of class organization they will encounter in college. Students will be expected to complete regular reading assignments; writing assignments that accompany the reading are designed to help students develop an intelligent, informed, personal interpretation of the works. Discussion and participation are encouraged and expected; these works invite a wide variety of responses.

Modern World Literature

Grades 11, 12

1 Trimester | 1/2 credit

Prerequisite: Junior level literature class, with at least a “B” average.

Modern World Literature focuses on 20th century works that come from outside the United States. While Europe and North America are still major literary players, great literature is increasingly being produced in Latin and South America as well as Asia and Africa. These authors provide a totally fresh perspective on the events that have shaped the century. We will read a wide variety of works, fiction, poetry, drama, and non-fiction, from a wide range of authors representing different nationalities and experiences. Like its companion course, Modern American Literature, this class stresses discussion, and individual interpretation. Students will be expected to complete regular reading assignments, in translation where necessary, and writing assignments will focus on the major global issues we discuss in class.

Speech

Grades 10, 11 ,12

1 Trimester | 1/2 credit

Prerequisite: English 9

In this class students will develop more effective oral communication skills. Students will recognize the effectiveness of good oral communication while presenting a personality and expressing ideas. Materials covered are communication theory, listening skills, organization techniques, speech delivery techniques, research, and debate. Students are expected to; present speeches to entertain, inform, and stimulate; debate a resolution, and participate in speech delivery exercises while in front of an audience comprised of their classmates.

Sports Literature

Grades 11 ,12

1 Trimester | 1/2 credit

This course primarily focuses on nonfiction literature and nonfiction writing. Literary experiences may include reading autobiographies, memoirs, essays, and speeches of renowned coaches and athletes; examining documentary story structure; studying visual literacy through the evaluation of photojournalism and videography storytelling; analyzing sports reporting on both TV and radio; writing a research paper on relevant and current sports related issues; and discussing the history of influence sports have had on our culture.

Through a combination of reading, writing and research, we will explore the following questions:

1. What are the histories of sports in America?
2. What types of writing is done about sports in America? Who does that writing?
3. What purposes does writing about sports serve?
4. What themes are recurrent in writing about American sports?
5. What does writing about American sports reveal about American culture?

Writing Workshop

Grades 11 ,12

1 Trimester | 1/2 credit

Prerequisite: Successful completion of a Junior level English class.

Writing Workshop is intended for those students who wish to express themselves creatively and imaginatively in such literary forms as short story and poetry. The keeping of journals as a source of ideas will be required. This course will enhance the students' skill and confidence as a writer. This course is NOT designed for college preparatory writing skills and may only be taken once all specific English requirements are met.

Family and Consumer Science

Courses Offered	9	10	11	12
Nutrition		•	•	•
Sewing	•	•	•	•
Personal Development	•	•	•	•
Interpersonal Relationships			•	•
Human Development			•	•
Parenthood Education			•	•
Bake Shop			•	•
Fashion Design & Merchandising			•	•

Bake Shop

Grades 11,12

1 Trimester | 1/2 credit

Prerequisite: A grade of a “C” or better in Nutrition

Baked goods are serious business... and delicious! By taking this course, you’ll explore baking as an art, science, and business. You’ll have the chance to develop baking skills and techniques through a combination of classroom learning and hands-on experiences. Upon completion of this course, you’ll be equipped with the basic skills needed to bake for pleasure, as well as a foundation to pursue careers in baking & pastry arts.

Fashion Design & Merchandising

Grades 11,12

1 Trimester | 1/2 credit

Prerequisite: A grade of a “C” or better in Sewing

This course brings the world of textiles, fashion, and apparel to life through a variety of hands-on projects and experiences. Course topics include the role of fashion in society, consumer decisions, the design process, merchandising and retailing, as well as essential sewing skills. Throughout the semester students will develop practical textile care, repair, alteration, and construction skills, as well as explore related careers.

Human Development

Grades 11,12

1 Trimester | 1/2 credit

Prerequisite: Parenthood Education

This course covers the development of knowledge regarding the normal progression of physical, intellectual, emotional, and moral development beginning with conception, continuing through adolescence and young adulthood. Contacting resource speakers, conducting interviews, individual observation, and group observations will be assigned.

Interpersonal Relationships

Grades 11 ,12

1 Trimester | 1/2 credit

This course is designed for students who wish to improve the quality and effectiveness of their relationships in the areas of family, friends, dating, school, and work. The emphasis will be acquiring the knowledge and skills to help make these relations more meaningful. Current issues such as assertiveness training, violence and sexual harassment are covered.

Nutrition

Grades 10, 11 ,12

1 Trimester | 1/2 credit

This course is designed for students who are interested in improving their knowledge and skills concerning nutrition and dietary practices that support optimal health for self and others. Skills practice includes kitchen lab practice.

Parenthood Education

Grades 11 ,12

1 Trimester | 1/2 credit

This course is designed to assist the student in the development of personal awareness of and knowledge and skills associated with the roles and responsibilities of parenting. Resource speakers, parent interviews, individual observations, and care of the computer “real care baby” are included in class requirements.

Personal Development

Grades 9, 10,11 ,12

1 Trimester | 1/2 credit

This course is designed to introduce students to the skills and knowledge necessary for understanding themselves and better managing their lives. The emphasis will be on students applying these skills to help them make sound decisions regarding their physical, mental, emotional, and social health and wellness. Some areas for study will include decision-making, physical fitness, building self-esteem, mental and emotional health, managing stress, and coping with loss. There will also be emphasis on personal and group projects that relate to individual interests and some involving a service-learning experience.

Sewing

Grades 9, 10, 11 ,12

1 Trimester | 1/2 credit

Lab Fee: Cost of project materials

This is a class for students interested in learning about the sewing machine, wardrobe planning, fibers and fabrics, and basic sewing construction. Students will make a small quilt and a tote bag as part of the class. The student will be responsible for the cost (cost may run \$50.00 to \$100.00 depending on project) of the supplies necessary for each project.

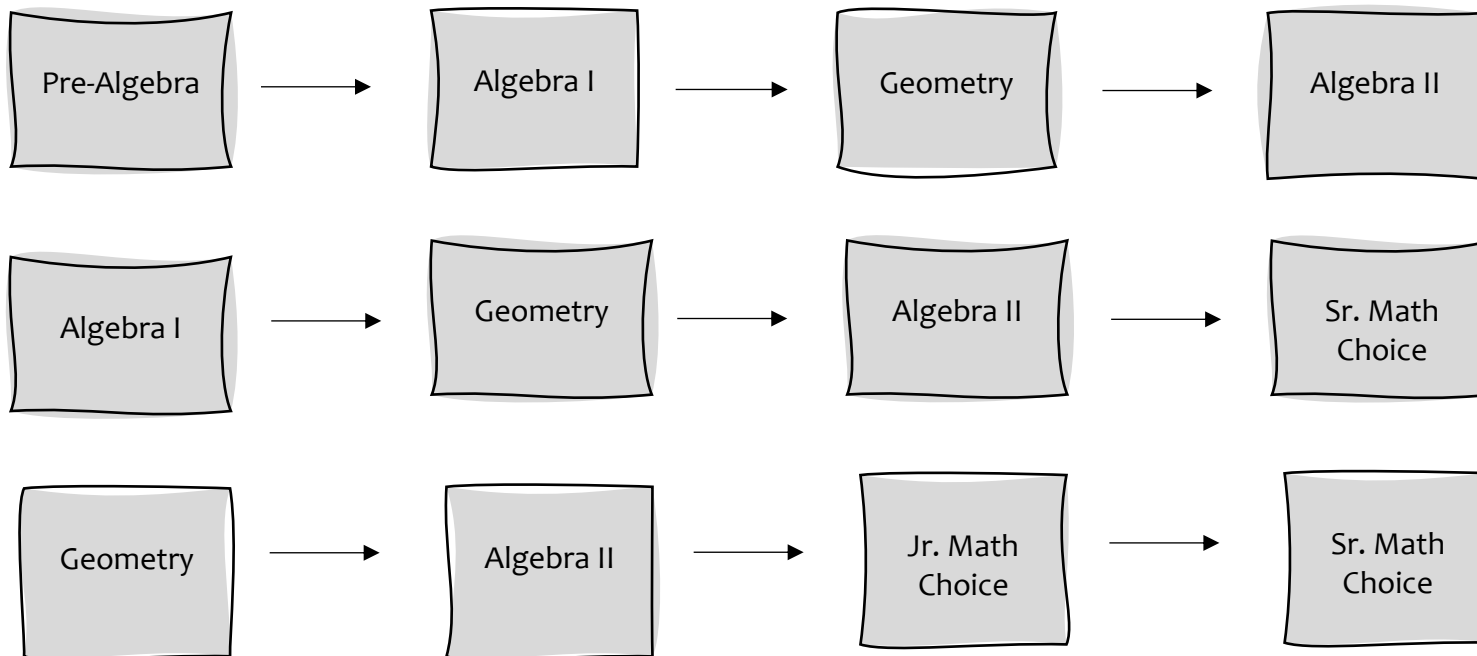
Mathematics

Requirements:

- Algebra I
- Geometry
- Algebra II
- One credit in additional mathematics classes
- Math class taken during 12th grade

Courses Offered	9	10	11	12
Pre-Algebra	•			
Algebra I	•	•		
Geometry	•	•	•	
Algebra II		•	•	•
Pre-Calculus			•	•
AP Calculus				•
Probability & Statistics			•	•
College Algebra				•
Worldly Math			•	•

Suggested Course Sequence



Algebra I Required Course	Grades 9, 10	2 Trimesters 1 credit
Course topics include solving, graphing, and writing linear equations and inequalities; solving systems of equations; properties of exponents; exponential growth and decay; operations with polynomials; factoring; solving and graphing quadratic functions; data and statistics; and ratios, proportions, and percent.		
Algebra II Required Course	Grades 10, 11, 12	2 Trimesters 1 credit
Prerequisite: Geometry This course will provide an in-depth study of the fundamental skills of Advanced Algebra. Students will factor, solve, graph, find models, and use technology when working with linear, quadratic, polynomial, radical, exponential, logarithmic, rational, and trigonometric functions. Students will also study basic probability and statistics. The skills learned in Algebra II are essential to future success in both college and skilled trade programs.		
A.P Calculus	Grade 12	3 Trimesters 1.5 credits
Prerequisite: Pre-Calculus Advanced Placement Calculus is a year-long, college-level class designed to give the student with exceptional skills the opportunity to take the Advanced Placement test and earn college credit. This course covers graphing functions, differential calculus including rates of change and maximum-minimum applications, integral calculus including areas bounded by curves, volumes, and areas of solids of revolution and length of plane curves, transcendental functions, and techniques of integration. AP classes will not be dropped after August 15.		
College Algebra	Grade 12	2 Trimesters 1 credit
Prerequisite: Algebra II This course is designed for students who intend to go to college and feel that they need to strengthen their understanding of fundamental math concepts. Its purpose is to help students make connections between and within previous math concepts taught in Algebra I, Geometry and Algebra II. By better developing student understanding, the course will be able to take students' previous knowledge to the next level, which will allow them to face math problems and algorithms that have an increased level of difficulty similar to what students will see in introductory college math courses.		
Geometry Required Course	Grades 9, 10, 11	2 Trimesters 1 credit
Prerequisite: Algebra I In this course students will develop and strengthen their reasoning and problem-solving skills through the study of geometry concepts. Skills that were developed in Algebra will be reinforced throughout this course as students investigate topics such as parallel and perpendicular lines, congruence, similarity, right triangle trigonometry, circles, quadrilaterals, transformations, perimeter, area, surface area, volume and comparisons between 1, 2, and 3 dimensional measurements. Students will be asked to make sense of problems and persevere in solving them by reasoning abstractly and quantitatively, constructing viable arguments, modeling real world applications, using appropriate tools strategically, and attend to precision.		

Pre-Algebra Required Course

Grade 9

2 Trimesters | 1 credit

Pre-Algebra reinforces math concepts presented in earlier grades. It also introduces new mathematical concepts and extends students' critical thinking skills. The primary focus of this course is on algebraic concepts. Other topics include number properties and operations, measurement, geometry, data analysis and probability.

Pre-Calculus

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Algebra II

This course is intended for the student who plans to take mathematics at the college level. Any student who will major in math, science, medicine, or engineering in college should plan to take this course. This course includes analytic geometry, rational functions and their graphs, polynomial functions, circular functions, trigonometric functions and their graphs, trigonometric identities, logarithmic and exponential functions as well as sequences, series, and limits.

Probability & Statistics

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Algebra II

This course is an introduction to statistics comparable to a college "Elementary Statistics" course. Concepts to be covered include: an introduction to statistics, probability & probability distributions, confidence intervals, hypothesis testing, correlation and regressions, chi-squared tests, nonparametric tests, and introduction to calculus. This is an advanced level course, but it is NOT an Advanced Placement course. Students who complete this course may opt to take AP Statistics exam.

Worldly Math

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Algebra II

Examine many facets of the world and explore math's relativity. Topics to be explored include: Mental math skills, managing your personal finances, investing, income and payroll taxes, buying and leasing a vehicle, gambling, home improvement, bargain shopping, cooking, many more exciting real-life topics. Many projects inside and outside of the classroom will help you understand why math is important to everyone and everything in this world. NOTE: This class is one that prepares students for life, NOT college. For those students planning on attending college, they should take this class concurrently with a college bound math class.

Metal Technology

Courses Offered	9	10	11	12
Metal Technology I		•	•	•
Metal Technology II		•	•	•

Metal Technology I & II may be taken in the same year.

Metal Technology I

Grades 10, 11, 12

1 Trimester | 1/2 credit

This is a beginning machine trades course designed to help students learn the proper use of machine and important fundamentals related to a career in skilled trades. Students will use the lathe, mill, and drill press to complete projects. Along with those machines students will be using multiple hand tools and machinery involved with doing sheet metal work. There is an emphasis on properly using layout and precision measurement tools.

Metal Technology II

Grades 10, 11, 12

2 Trimesters | 1 credit

Prerequisite: Metal Technology I, Recommended: Arc Welding

This is an advanced level machining class designed to explore advanced fixtures/jigs and building projects with a high degree of accuracy. Machines used by students will build on previous knowledge learned in Metal Tech I and will also include using the surface grinder and CNC mill. This course is designed for those students who are seriously thinking of pursuing a career in machining. Class will include having guest speakers from the industry talking about expectations and employment.

Music

Courses Offered	9	10	11	12
Band	•			
Concert Band		•	•	•
Marching Band		•	•	•
Symphonic Band		•	•	•
Chorus	•	•	•	•
Concert Choir	•	•	•	•
Concert Orchestra	•	•	•	•
Symphony Orchestra		•	•	•

All music programs are year-long programs, dropping a music class during the year is not permitted without the director's approval.

Band 9

Grade 9

3 Trimesters | 1.5 credits

Prerequisite - successful completion of middle school band program/director approval

The Ninth Grade is a continuation of the instrumental music program. Enrollment is offered as an opportunity to develop individual and group skills, as well as self-respect, pride, citizenship, and aesthetic values. Students must play an instrument

Performances include a marching show, concerts, solo and ensemble festival, band districts, and parades. Grades will be evaluated in terms of the student's overall musical progress, attitude, and citizenship.

Concert Band

Grades 10, 11, 12

2 Trimesters | 1 credit

Prerequisite - spring audition and director approval

All band members who are not in Symphonic Band will be members of the Concert Band.

Concert Band is a performing ensemble that begins at the conclusion of the marching season and continues throughout the year in all ensembles. Attendance at these performances is required. Students must play an instrument. Concerts, district festivals, and solo and ensemble festivals constitute the main activities of this organization.

Marching Band

Grades 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite - successful spring audition

All band members, grades 10-12, are eligible for the Marching Band. Attitude, playing and marching ability, and attendance determines the status of each band member in the "regular" marching unit. Marching Band includes one evening rehearsal a week, participating in all home football games, special marching events, concerts, and parades. Flags and percussion have required scheduled evening sectionals during the "marching" season. A Marching Band camp is offered in August. Attendance is highly recommended, but not mandatory.

Symphonic Band

Grades 10, 11, 12

2 Trimesters | 1 credit

Prerequisite - spring audition and director approval

Membership in the Symphonic Band is available to all band members in grades 10th, 11th, & 12th. Instrumentation shall be determined through tryouts based on musical proficiency. A list will be provided indicating who will be eligible to participate. Adjustments may be made at the conclusion of the "marching" season. Students must play an instrument.

Concerts, district festivals, and solo and ensemble festivals constitute the main activities of this organization.

Women's Chorus

Grades 9, 10, 11, 12

3 Trimesters | 1.5 Credits

Chorus is a full year course for students new to the High School Vocal Music Program. Students must get director approval to take Chorus for less than three trimesters. Chorus is a performance-based class, and as such, all performances are mandatory and make up a large portion of the grade. Emphasis is on vocal tone and production, singing together as an ensemble, music reading, ear training, sight reading, and musical interpretation and expression. Challenging choral literature from different time periods and cultures is used to help teach these things.

Student evaluation will be based on total points earned for rehearsals, concerts, tests, and participation. Attendance at outside rehearsals and performances is mandatory.

Concert Choir

Grades 9, 10, 11, 12

3 Trimesters | 1.5 Credits

Prerequisite - spring audition/director approval

Concert Choir is a full year course for students with previous music experience. Students need to be enrolled for all three trimesters. After auditions in the spring a list will be provided indicating who will be eligible to participate. Adjustments may be made prior to the start of the school year. Concert choir is a performance-based class, and as such, all performances are mandatory and make up a large portion of the grade. Students enrolled in the class are expected to have basic music reading skills. Emphasis is on vocal tone and production, singing together as an ensemble, ear training, sight reading, musicianship, and musical interpretation and expression. Challenging choral literature from different time periods and cultures is used to help teach these things. Student evaluation will be based on total points earned for rehearsals, concerts, tests, and participation. Attendance at outside rehearsals and performances is mandatory.

Concert Orchestra

Grades 9, 10, 11, 12

3 Trimesters | 1.5 Credits

Prerequisite - Must have previous string instruction, or successful completion of the 8th grade orchestra, or the instructor's approval. Students must get director approval to take Concert Orchestra for less than three trimesters.

Concert Orchestra is a performance-based class, and as such, all performances are mandatory and make up a large portion of the grade. Concert Orchestra allows the student to continue to develop his/her music skills and knowledge. Student evaluation will be based on total points earned for rehearsals, concerts, tests, and participation. Attendance at outside rehearsals and performances is mandatory. The student will be required to exert considerable effort at continued self-improvement on their instrumental skills. Attendance at outside rehearsals and performances is required. Grades will be evaluated in terms of the student's overall musical progress, class participation, and attendance at concerts. Opportunities for outside performances and participation in Band & Orchestra Festival and Solo & Ensemble are offered and encouraged.

Symphony Orchestra

Grades 10, 11, 12

3 Trimesters | 1.5 Credits

Prerequisite - spring audition/director approval. Students need to be enrolled for all three trimesters or they must get director approval to take less than three trimesters.

Students in the Symphony Orchestra continue what they have learned and achieved in Concert Orchestra by playing more advanced music and increasing their instrument technique level. Symphony orchestra also offers more opportunities for performance both in school and in the community. The first trimester is a strings only class, the second and third trimesters are a full symphonic orchestra when the top woodwinds, brass, and percussion from the symphonic band join the class. Students will be required to exert considerable effort at continued self-improvement on their instrumental skills. Attendance at outside rehearsals and performances is required. Grades will be evaluated in terms of the student's overall musical progress, participation, and attendance at concerts. Opportunities for outside performances and participation in Band & Orchestra Festival and Solo & Ensemble are offered and encouraged.

Physical Education

Courses Offered	9	10	11	12
Physical Education I	•			
Physical Education II	•	•		
Physical Education III		•		
Physical Education IV - Sports		•	•	•
Physical Education V - Walking		•	•	•
Physical Education VI - Weights		•	•	•
Advanced PE for Athletes	•	•	•	•

Requirements:

- Physical Education I
- Physical Education II or III

Physical Education I

Grade 9

1 Trimester | ½ credit

REQUIRED COURSE

A required course for all freshmen girls and boys. This course aims at developing and educating the individual through a variety of physical activities. Emphasis is placed upon developing a solid foundation involving individual and team activities. Some activities are presented in a coeducational manner. State Health Drug Education requirements will also be presented.

Physical Education II

Grades 9, 10

1 Trimester | ½ credit

REQUIRED COURSE

A required course for all freshmen girls and boys. This course aims at developing and educating the individual through a variety of physical activities. Emphasis is placed upon developing a solid foundation involving individual and team activities. Some activities are presented in a coeducational manner. State Health Sex Ed requirements will also be presented.

Physical Education III

Grade 10

1 Trimester | ½ credit

Prerequisite: Successful completion of Physical Education I.

This class is a continuation of activities and skills learned in PE I and PE II. In addition, this class is designed to promote better health choices, and to develop skills necessary to be successful in lifetime sports and fitness activities. Some activities are presented in a coeducational manner. State Health HIV Education will also be presented. A small fee will be required for a few P.E. activities.

Physical Education IV

Grades 10, 11, 12

1 Trimester | ½ credit

Team & Individual Sports

Prerequisite: A grade of “C” or better and a citizenship of “S” or better in all PE electives previously taken.

This course is designed for the male or female student who would like to participate in a continuation of team and individual sports. This class will include game variation of popular team and individual sports. Students will be expected to dress and participate daily.

Physical Education V

Grades 10, 11, 12

1 Trimester | ½ credit

Walking

Prerequisite: A grade of “C” or better and a citizenship of “S” or better in all PE electives previously taken.

Power walking has been proven to be one of the best all-around aerobic activities a person can do over an extended period of time to promote wellness. This class will teach students the skills necessary to make healthy lifestyle choices. This course will emphasize lifelong fitness by combining aerobic power walking with various cardiovascular activities.

Physical Education VI

Grades 10, 11, 12

1 Trimester | ½ credit

Weight Training & Conditioning

Prerequisite: A grade of “C” or better and a citizenship of “S” or better in all PE electives previously taken.

This course is designed for the male or female student who would like to improve his/her physical strength through weight training. Emphasis will be on proper lifting and conditioning techniques. Conditioning, agility, and endurance will be included. Students should have a positive attitude towards weight training and conditioning.

Physical Education VII

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Advanced P.E. for Athletes

Prerequisite: Prerequisite: A grade of C or better AND a citizenship of S or better in all PE electives previously taken. In addition, each student must obtain written permission from a PE Instructor or Head Coach to enroll in the course.

This course is designed for the female and male athlete who wants to participate in an intense, structured weight training and conditioning program. This class is structured around the Bigger Faster Stronger Weight Training Program which has been proven to improve athletic ability in all sports. All students will be required to participate in all segments of the Bigger Faster Stronger Program.

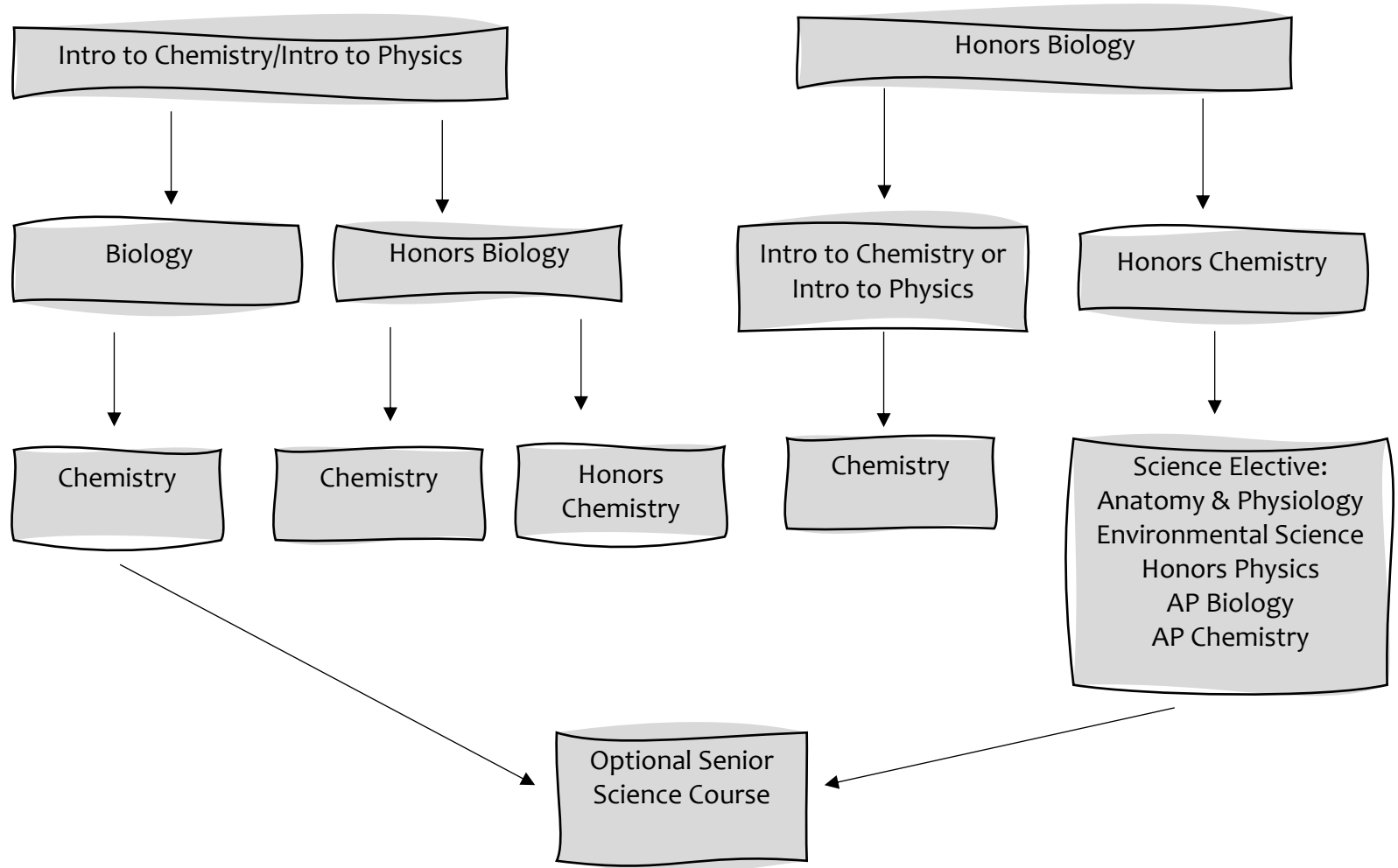
Science

Requirements:

- 3 years of science including Biology & Chemistry

Courses Offered	9	10	11	12
Intro to Chemistry	•	•		
Intro to Physics	•	•		
Honors Biology	•	•		
Biology		•	•	
Chemistry			•	•
Honors Chemistry		•	•	•
Honors Physics			•	•
Anatomy and Physiology			•	•
Environmental Science			•	•
AP Biology			•	•
AP Chemistry			•	•

Science Enrollment Options



A.P. Biology

Grades 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Honors Biology, Honors Chemistry

The AP Biology course is structured and taught as a first-year college biology course. It is an extension of the regular biology course and will cover several topics including cells, macromolecules, enzyme activity, respiration, photosynthesis, genetics, evolution, plant and animal structure and function, and ecology. Students are expected (but not required) to take the Advanced Placement Biology exam in May, which will determine their eligibility for college credit. Those students electing not to take the AP exam will take a final exam in the class. This course is strongly encouraged for students who will need biology for their college degrees. A.P. classes will not be dropped after August 15.

A.P. Chemistry

Grades 11, 12

3 Trimesters | 1.5 credits

Prerequisite: Honors Biology, Honors Chemistry, Algebra II or Concurrently

Advance Placement Chemistry is a course designed and structured similar to a first-year college chemistry course. It is an extension of the regular chemistry course and will cover several topics including kinetics, thermo chemistry, equilibrium, reduction and oxidation, organic and nuclear chemistry. This class heavily emphasizes laboratory skills and laboratory reports. Students in this class are expected (but not required) to take Advanced Placement Chemistry test in May. This course is strongly encouraged for students who will need chemistry for their college degrees. A.P. classes will not be dropped after August 15.

Anatomy and Physiology

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Biology (or Honors Biology) and Chemistry (or Honors Chemistry) or concurrently.

Anatomy and Physiology is a course designed for students with a strong curiosity in mammalian biology and themselves. The goals of this course are to introduce students to the structure and organization of the human body and several functions of the systems that make up the human body to teach students laboratory skills including the proper use of the microscope and proper dissection techniques, to develop student's problem solving and research skills, and to enable students to become familiar with common diseases, as well as conditions that are genetically linked to their family

Biology

Grades 10, 11

2 Trimesters | 1 credit

Prerequisite: Intro to Physics, Intro to Chemistry

The five standards emphasized are: Inquiry, Reflection and Social Implications; Organization and Development of Living Systems; Interdependence of Living Systems and the Environment; Genetics; and Evolution and Biodiversity. This course is designed to meet and achieve state graduation requirement for Biology.

Chemistry

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Intro to Chemistry, Biology

The Applied Chemistry course is designed to educate students in the areas of fundamental chemistry concepts, while at the same time, demonstrate to students the application of chemistry in both industry and their everyday lives. The course has a strong focus on mineral refinement, petroleum material science, water treatment and testing, nuclear processes, nutritional chemistry, and both fossil fuel and nuclear energy. Students will leave this course with a firm understanding of how chemistry is involved in both scientific and nonscientific careers.

Environmental Science

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Biology (or Honors Biology) and Chemistry (or Honors Chemistry) or concurrently

Environmental Science is a course designed for students to gain experience in scientific procedures and the use of field equipment in carrying out on site investigations which affect the local environment. Students will use their biology, chemistry, and Earth science knowledge to explore and evaluate alternatives to the existing environmental conditions locally, nationally, and globally. Students will study environmental practices in terms of scientific or technological feasibility, cost, the effect on the economy, and the quality of life in the community. In cases in which environmental improvement is desirable, the students will develop and evaluate proposals for achieving desired improvement or assist community groups. The environmental conditions studied may involve natural resource use and alternative, waste disposal, and pollution (air, water, land, visual or sound) issues. The course will take advantage of local resources and organizations, such as Agro-Culture Liquid Fertilizer, the St. Johns Waste Water Treatment Plant, Michigan State University Programs, and our own Maple River wetland complex.

Honors Biology

Grades 9, 10

2 Trimesters | 1 credit

Prerequisite: 9th grade (approval of 8th grade science teacher) 10th grade (Intro to Chem, Intro to physics)

This is a rigorous course designed for students planning on attending a two- or four-year college. Honors Biology provides the student with a basic understanding of life's processes and its meaning in both plants and animals. In addition, the student has an opportunity to develop curiosity for future experiences in sciences. The five standards emphasized are: Inquiry, Reflection and SoCal Implications; Organization and development of Living Systems; Interdependence of Living Systems and the Environment; Genetics; and Evolution and Biodiversity. This course is designed to meet and achieve state graduation requirement for Biology.

Honors Chemistry

Grades 10, 11, 12

2 Trimesters | 1 credit

Prerequisite: Honors Biology

This is a rigorous course designed for students planning on attending a two- or four-year college. Chemistry will be especially helpful for those students who plan to pursue any type of chemical, medical, dental, engineering, biological or technical career. The five standards emphasized are: Inquiry, Reflection and Social Implications; Forms of Energy; Energy Transfer and Conversion; Properties of Matter; and Changes in Matter. This course satisfies the state graduation requirement for chemistry.

Honors Physics

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: Honors Biology, Algebra II or concurrently

Honors Physics is designed to prepare students for Physics in college. The course requires a strong background in mathematics. Topics include Kinematics, Dynamics, Vector Analysis, multidimensional motion and force, Universal gravitation, Momentum, Work, Power, Simple Machines, Energy, Waves, Sound, and Light. Honors Physics is strongly recommended for any student who will be taking Physics in college.

Introduction to Chemistry

Grades 9, 10

1 Trimester | 1/2 credit

The Introduction to Chemistry course gives the student a strong foundation in the subject of chemistry that will be directly applied to and help them succeed in the Chemistry course they will take in a following year. Topics that will be focused upon include the scientific method, the structure and nature of matter, the Periodic Table, chemical bonding, and reactions, along with solution chemistry including acids and bases.

Introduction to Physics

Grade 9, 10

1 Trimester | 1/2 credit

Intro to Physics is an introduction to the study of the physical world. Topics include Scientific Method, Motion, Force, Momentum Energy, Waves, Sound, Light, Electricity and Magnetism. This course is mathematical in nature and requires a basic knowledge of Algebra.

Social Studies

Requirements:

- U.S. History I & II
- World History I & II
- Economics
- Government

Courses Offered	9	10	11	12
U.S. History I & II	•			
World History I & II		•		
Government			•	•
Economics			•	•
General Psychology		•	•	•
Global Issues			•	•
AP American History		•	•	•
AP Psychology			•	•
AP Government			•	•

AP American History

Grades 10, 11, 12

3 Trimesters | 1.5 credits

10th grade with teacher approval only

Prerequisite: "A" or "B" average in American History I & II and strong writing skills.

This program is a year-long college level American History course designed to give the student with exceptional abilities the opportunity to earn college credits. Upon completion of the course, the student will write the AP test in American History. Students will study American History from colonization to present day. In addition to a comprehensive textbook, students will use both primary and secondary source materials to write various types of essays within an historical context. A.P. classes will not be dropped after August 15.

AP Government

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: A "B" average in World History II or Instructor Approval is required.

Note: AP Government can take the place of the one semester government course

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. A.P. classes will not be dropped after August 15.

AP Psychology

Grades 11, 12

3 Trimesters | 1.5 credits

Prerequisite: An “A” average in General Psychology or instructor approval is required.

The Advanced Placement Psychology course is structured and taught as a first-year college psychology course. It covers research methods, biological psychology, neuroscience, sensation, perception, states of consciousness, learning, cognition, motivation, emotions, developmental psychology, personality, intelligence, abnormal psychology, treatment of psychological disorders, and social psychology. Students are expected to take the AP Psychology test in May; however, this is not a requirement. Those students electing to not take the Advanced Placement exam will take a final exam. A.P. classes will not be dropped after August 15.

Economics

Grades 11, 12

1 Trimester | ½ credit

REQUIRED COURSE

This course offers the student a practical approach to the subject of economics. The course deals with such topics as credit, taxes, insurance, housing, money management, and other survival techniques, while looking at the realities of our economic system.

Psychology

Grades 10, 11, 12

2 Trimesters | 1 credit

Psychology is the scientific study of behavior and mental processes. In taking this class, students will better understand themselves and others. Topics of study include: Historical figures of the subject; psychological perspectives and fields of study; genetic and environmental influences on psychology; the nervous system; sensory perception; effects and management of stress; states of consciousness; mood disorders; abnormal psychology; and forms of therapy.

Global Issues

Grades 11, 12

1 Trimester | 1/2 credit

This course will help students develop an understanding of the events they see each day in the news media. This course will show the relationships of nations to the world situation and the need for all nations to have a sense of security and a place in the global community. From a cause-and-effect perspective, we will forecast where we are headed as part of a global community. You will study how these events affect your future.

Government

Grades 11, 12

1 Trimester | 1/2 credit

REQUIRED COURSE

American Government is a systematic study of national, state, and local governments. There is special emphasis on decision-making through the President, Congress, and the Judicial Branch. The class will cover the origins of Government, the constitutional history of the U.S. elections process, the legislative process, and key Supreme Court cases from John Marshall to Civil Rights.

U.S History I

Grade 9

1 Trimester | 1/2 credit

REQUIRED COURSE

The course reviews the Civil War and will cover the period from Reconstruction to 1920 in a chronological, traditional approach. The geography component will be looked at through places, regions, physical systems, human systems, environment, and society, in relation to the past and present.

U.S. History II

Grade 9

1 Trimester | 1/2 credit

REQUIRED COURSE

This course completes the period 1930 to present day in a chronological approach and through great and famous Americans. The geography component will be looked at through places, regions, physical systems, human systems, environment, and society, in relation to the past and present.

World History I

Grade 10

1 Trimester | 1/2 credit

REQUIRED COURSE

This course of study will include significant events in Western Civilization. This course will follow a “cause and effect” sequence of early man through the rise and fall of civilizations and empires. We will cover the river valley civilizations, the Greek and Roman Empires through the medieval era and crusades. The geography component will be looked at through places, regions, physical systems, human systems, environment, and society, in relation to the past and present.

World History II

Grade 10

1 Trimester 1/2 credit

REQUIRED COURSE

World History II begins in Renaissance Europe with the Reformation, and covers the French Revolution, the development of nations, the decline of empires, and the growth of democracies into the twentieth century. Cultural as well as historical events will be discussed bringing the world up to date with the present century's wars, economic and political changes, and the super-power rivalries of today. The geography component will be looked at through places, regions, physical systems, human systems, environment, and society, in relation to the past and present.

Special Education

Language

Grades 9, 10, 11, 12

2 Trimesters | 1 credit

This course covers the essentials for reading success. Students will have the opportunity to improve reading skills through studies in phonemic awareness, word recognition, and vocabulary. Reading comprehension will also be infused through a variety of activities including studies in organization of text, information recalling, and using context clues to improve comprehension. This course focuses on remediation through strategy-based instruction.

Support

Grades 9, 10, 11, 12

3 Trimesters | 1/2 credit per semester

Tutoring is available to special education students who need support to be successful in their classes. Assistance on homework, projects, and studying is provided. Assistance on tests is also available.

MiCI Special Education Program

Grades 9, 10, 11, 12

Year Long

Prerequisite: Special Education Department Approval

The MiCI Special Education Program will maximize the student's independence for integration within society, by providing skills in basic academics and experimental employment. The curriculum is based on a four-year rotation schedule of required and elective classes.

Furthermore, this program will connect the student with outside agencies to further the transition goals of the program.

Welding Technology

Courses Offered	9	10	11	12
Arc Welding	•	•	•	•
Acetylene Welding	•	•	•	•
Advanced Welding		•	•	•

Arc and Acetylene welding can be taken in the same year

Arc Welding

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Arc welding is a trimester long introductory course designed to teach important welding fundamentals like: Lab safety, proper weld joint set up, welding techniques, destructive and non-destructive testing. Students will acquire a basic understanding of hand tools, materials and certain processes used in arc welding.

Acetylene Welding

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Acetylene welding is a trimester long introductory course designed to teach important welding fundamentals like: Lab safety, proper weld joint set up, welding techniques, destructive and non-destructive testing. Students will acquire a basic understanding of hand tools, materials and certain processes used in acetylene welding.

Advanced Welding

Grades 10, 11, 12

1 Trimester, 2 class hours | 1 credit

Prerequisite: Arc and Acetylene Welding or Teacher Approval

Advanced Welding is a trimester two-hour long course designed to introduce students to more advanced welding techniques and set ups. Welds are done both in horizontal and vertical positions using both acetylene and arc welding and introducing MIG and TIG welding. This class is also designed with students building projects in mind with instructor approval. Students must pass both acetylene welding and arc welding with a C or better to be eligible to take this course or have instructor's approval.

Wood Technology

Courses Offered	9	10	11	12
Wood Technology CNC	•	•	•	•
Wood Technology I	•	•	•	•
Wood Technology II	•	•	•	•
Wood Technology III		•	•	•
Wood Technology IV			•	•

Wood Technology CNC

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Wood Technology CNC is an introductory level course in operating a computer numerical controlled (CNC) machine. This course will be taught as if students have no prior CNC or woodworking experience. Geared toward preparing students for production in industry, they will use software to design projects and create tool paths to be run on a CNC machine. Students will walk away with tangible projects in hand as they gain knowledge in the coordinate system, tooling, precise measurement, and cutting operations.

Wood Technology I

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Lab Fee: Cost of project materials. Financial aid available.

Wood Technology I is a beginning level course in woodworking. The course will be taught as if the student had no prior woodworking experience. Each machine will be explained thoroughly with an emphasis on safety. Students will also learn project planning, wood selection, proper measurement techniques, cost calculation, squaring a board, wood joints, sanding, finishing, and other woodworking procedures necessary to complete two to three beginning level wood projects within this trimester long class.

Wood Technology II

Grades 9, 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite: Wood Technology I

Lab Fee: Cost of project materials. Financial aid available.

Wood Technology II is a trimester long, intermediate level course in woodworking. Its purpose is to provide further experience to students who desire to explore the woodworking field in more detail. Emphasis will be placed on technology used in carpentry, cabinet and furniture making, as well as more abstract type woodworking. Students will be given the opportunity to advance skills learned in Wood Technology I in areas of materials, machines, and procedures. Students will be further involved in the design and development of plans for an intermediate project of their choice to complete within this trimester long course.

Wood Technology III

Grades 10, 11, 12

1 Trimester | 1/2 credit

Prerequisite: Wood Technology I & II

Wood Technology III is a trimester long, intermediate level course in woodworking. Different from Wood Technology I & II where students utilize the shop to build individual projects for themselves, this course is designed around mass production projects and/or service projects to the community.

Wood Technology IV

Grades 9, 11, 12

1-3 Trimesters, 1-3 class hrs. | 1/2 credit per trimester per hour

Prerequisite: Wood Technology I, II & III, B or better in Wood Technology III or written approval from teacher.

Lab fee: Cost of project materials. Financial aid available.

Wood Technology IV is designed as an advanced level woodworking course. Its purpose is to provide a more extensive experience to students who desire to explore the woodworking field in greater depth. Emphasis will be placed on technology used in carpentry, cabinet and furniture making, as well as more abstract type woodworking. Students will be given the opportunity to advance skills learned in Wood Technology I, II & III in areas of materials, machines, and procedures. Students will be expected to design and develop plans for an advanced project of their choice. The base level of this course is one trimester one hour, however depending upon the complexity of the project chose, a student can sign up for one to two additional hours. Student must discuss project choice with instructor before choosing their number of hours.

World Languages

Requirements:

- Spanish I or French I
- Spanish II or French II

Courses Offered	9	10	11	12
Spanish I or French I	•	•	•	•
Spanish II or French II	•	•	•	•
Spanish III or French III		•	•	•
Spanish IV or French IV			•	•

Note: Students interested in traveling to Spain or France with their classmates should plan their schedules accordingly. Students must be enrolled in Spanish III/IV or French III/IV the year of the trip.

Spanish I or French I

Grades 9, 10, 11, 12

2 Trimesters | 1 credit

The conversational approach to language learning and the importance of oral competence is emphasized in this level, including expressions of basic needs, courtesy, descriptions of self/others, agreement, and disagreement, likes and dislikes. Students will begin to make connections between the target language and cultures and their own.

Spanish II or French II

Grades 9, 10, 11, 12

2 Trimesters | 1 credit

Prerequisite: Spanish I or French I (in 8th grade or high school)

The purpose of this level is to continue to develop all aspects of communication, including the understanding and interpreting of a wider variety of topics in different tenses. Students learn more specialized vocabulary connecting to other disciplines and compare the nature of the language and culture to that of their own.

Spanish III or French III

Grades 10, 11, 12

2 Trimesters | 1 credit

Prerequisite: A “C” average in Spanish II or French II

This level continues with emphasis on the development of the student’s conversational skills. Oral presentations and increased oral proficiency are required. Students are given the opportunity to utilize the language in depth, both in and outside of the classroom. An optional trip to visit and experience family life in another country may be offered at this level (typically, Spain trips are offered even years and French trips on odd years).

Spanish IV or French IV

Grades 11, 12

2 Trimesters | 1 credit

Prerequisite: A “C” average in Spanish III or French III

This level is a continuation of the third level. Communicating in the target language and oral proficiency are the goals of this class. Through the study of cultural perspectives, students will continue to improve their conversational and written skills. Expressive forms of the culture will be studied, including art, literature, music, dance, history, and the social perspectives of the countries. An optional trip to visit and experience family life in another country may be offered at this level (typically, Spain trips are offered even years and French trips on odd years).

Additional Programs

Dual Enrollment

Grades 11, 12

1 or 2 Trimesters | 1/2 credit per trimester

Postsecondary Enrollment Options Act, effective April 1996, allows students in grades 11 or 12 to attend courses at local colleges or universities while still attending high school. Tuition and fees may be covered by the local high school. For further information contact your counselor or see SJHS website.

Deadline for Fall Semester, June 1

Deadline for Spring Semester, December 1

Links Peer to Peer Program

Grades 9, 10, 11, 12

1 Trimester | ½ credit

Prerequisite: Accepted through application process

LINKS are peer role models, mentors, tutors, and friends. They mentor students with Autism Spectrum Disorders (ASD) in both academic and social settings, with adult supervision. The LINK student's commitment requires permission from parents or guardians.

The LINK curriculum benefits typical students and students with a disability in reciprocal manner. The LINK student learns, through participation in the curriculum, to act as an advocate and a mentor for a student with a disability as they master content standards. The interactive nature of instruction enables the LINK to consistently broaden the range of opportunities for the student who has a disability. LINK students are engaged with students who have disabilities in the classroom as well as environments outside of the classroom.

Clinton Country Career Connection Courses

The following courses are available to juniors and seniors and provide possible LCC, Mid Michigan, or Delta College credits. Classes are year-long and replace 2 classes each trimester.

AGRISCIENCE, FOOD AND NATURAL RESOURCES

Join us as we learn about our natural world and explore a broad range of subjects related to Agriscience, Food, and Natural Resources. Students will enjoy abundant opportunities for real-world, occupationally relevant, hands-on learning and career preparation through this program. AFNR students learn inside and outside of the classroom through projects, field experiences, supervised agricultural experiences, and internships. A strong demand exists for well-trained, environmentally sensitive individuals to protect our natural resources and provide our state, nation, and world with enough healthy food and sustainable fiber and fuel. Students in this program will explore broad range of AFNR Career Pathways through their weekly coursework and field experiences.

Course Location: St. Johns High School

ALLIED HEALTH_(YEAR 1)

Prerequisites: Students must have local approval based on high school graduation requirements.

Students will be responsible to purchase a “uniform”. Students will need access to the internet for online instructional days.

Does caring for individuals who are sick interest you? Or trying to determine what illness a person has interest you? Maybe you like approaching health from an angle of prevention, or developing research for cures, or using technology to treat a disease. In Allied Health, students will build a wide range of basic knowledge that can be applied to a variety of careers tied to health care such as learning medical terms, medical ethics, prevention of illness, anatomy of body systems as well as diseases that affect the system, how food and exercise play a role in health, and a view into insurance. Students will take that knowledge and apply it to health care skills such as taking vital signs, performing CPR, and using AED, basic patient care skills, and safety precautions. This course is a prerequisite for the Allied Health Internship course.

Course Location: CCRESA

ALLIED HEALTH INTERNSHIP (Year 2)

Prerequisites: Students must have local approval based on high school graduation requirements. Allied Health I.

Students will be required to purchase a “uniform”. Students must complete the intent to return process. Instructor Approval

Admittance into the Program is based on multiple factors including 1) Allied Health Grades, 2) Reference letter, 3) A student written paper, 4) Interview with Advisory Board Members. Field Placement Requirements: To provide up-to-date immunization record and take a two-step TB skin test.

This module-based course for seniors is designed to present and provide limited career exploration opportunities for multiple health care careers in the following core areas: Dental, Nursing, Medical Assisting, Imaging Technology areas (Radiology and Sonography), Laboratory and Technology related areas, Special Needs Health Care, Surgical Technology, Integrated and Holistic areas (Nutrition, Massage, etc.), Pre-Medicine related areas, Physical Therapy related areas (including Occupational Therapy, Sports Medicine, etc.), and Age Based Health areas (including Pediatrics, Geriatrics, etc.). These core areas are based on availability of mentors in the career fields and may be subject to change. Students will rotate through modules to explore duties and responsibilities within each career. Time will be spent between the modular components of the course reviewing employability skills and attributes designed to assist the student with assessing their career selection fit, and the development of self-promotion, interviewing, and general employability skills.

Course Location: CCRESA

AUTOMOTIVE TECHNOLOGY & REPAIR – YEAR 1 & 2

Prerequisites for Automotive Technology & Repair Year: Students must have local approval based on high school graduation requirements.

Prerequisites for Auto Technology Repair Year 2: Students must have local approval based on high school graduation requirements. Automotive Technology & Repair year 1. Students must complete the intent to return process. Instructor Approval.

If you are a student who enjoys taking apart and putting them back together or wrenching on your own car, the Auto Services program may be a great fit for you! You will have access to an online book, spend minimal time in the classroom and get right to work out in the shop. Our curriculum will cover breaks, suspension, electrical, engine performance, engine repair, HVAC, manual and auto transmission, and an introduction into electric cars. You will have the opportunity to obtain Automotive Service Excellence (ASE) entrée level certifications in 2 years, receiving 8-10 certifications. When you successfully complete the class, the goal is that you can be a better consumer and have the skills necessary in helping automotive technicians. Other opportunities, if you work hard, are entry level positions at a tire shop, oil change station, or car dealership. If you choose to attend college after high school, you will be more advanced than other students.

Course Location: St. Johns High School

High School credit by exam with Lansing Community College ASE MLR rated class

BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (Year 1)

Prerequisite: Students must have local approval based on high school graduation requirements.

Method of Instruction: ONLINE with required class days at DeWitt High School

Ever wonder what it takes to own your own business, be your own boss and write your own paycheck? This course will introduce students to the world of entrepreneurs and their role in the economy.

During the first semester, students will combine an online and traditional learning experience with an emphasis on entrepreneurship and starting a business while having work experiences in the class, print shop and café. Typically, three days online and two days face-to-face. Along with running two businesses, students will have the opportunity to write a business plan for an innovative idea of their own.

The second semester will provide students with a more in-depth work experience in the Café and the Print Shop with an emphasis on business ownership. Typically alternating one week working in the business and one week online. This course is a must have for the future business leader!

Course Location: DeWitt High School

High School credit by exam with Lansing Community College

BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (Year 2)

Prerequisite: 1) Business Management and Entrepreneurship Year 1 2) Students must have local approval based on high school graduation requirements. 3) Students must complete the intent to return process. 4) Instructor Approval.

Method of Instruction: ONLINE with required class days at DeWitt High School

During the first semester, students will combine an online and traditional learning experience with an emphasis on managing a business. They will continue to develop and hone the skills and knowledge obtained in year 1 as they take on managerial roles in the classroom and the class businesses. Areas of study include: Problems of small business operation, going into business, financing business, the feasibility study, marketing, and management of business phases. The second semester of this course will offer an opportunity to work as an intern in the business field.

Course Location: ONLINE with required class days at DeWitt High School

High School credit by exam with Lansing Community College

CAD & DESIGN TECHNOLOGY I & II

Prerequisites for CAD & Design I & II: 1) Students must have completed a basic drafting course at their local high school. 2) Students must have local approval based on high school graduation requirements.

Prerequisites for CAD & Design II: 1) Students must have completed a basic drafting course at their local high school. 2) CAD & Design I. 3) Students must complete the intent to return process 4) Instructor Approval

CAD and Design Technology is a program for those interested in designing and creating, drawing, house design, product design, 3D computer graphics, and working with your hands and minds. This project-based program allows you to gain high-level experience and skills in engineering design and architecture. You will learn how these disciplines interact in the building of products, buildings, and communities. Turn ideas into products using the same design, drafting, and 3D modeling as professional architects and engineers.

DESIGN PATH OPIONS:

Engineering Path:

If you choose this path you will learn the basic and advanced skills common to all engineering careers while learning about different engineering disciplines. Learn to sketch ideas, use 2D and 3D CAD software and 3D printing to examine the results of your designs.

Architectural Path:

You will learn to read and create blueprints. Learn to create architectural sketches, presentation drawings for homes and light commercial buildings. See designs come to life through model mockups and 3D printing.

Course Location: St. Johns High School

High School credit by exam with Lansing Community College

COMPUTER SECURITY

Prerequisites: Students must have local approval based on high school graduation requirements.

The Computer Security program is designed to start students on a Cybersecurity Pathway. It provides an in-depth look at Cybersecurity, how computers and networks operate. Overview of Operating Systems and Hardware, Principles of Security, Introduction to Cryptography, Physical Security, Web Security, Malicious Software and Attacks, Vulnerabilities and how to defend them. You will install, configure, and secure various operating systems. You will also troubleshoot computers and peripherals, using systems tools and other diagnostic software. You will have the opportunity to develop the skills in building, maintaining, and administering modern computer networks. Enjoy some friendly competition? Compete in different Cyber Challenges and Play Capture the Flag (CTF) competitions. You will also meet with and workers in the Cyber Security Industry from around the state, from both the Government and Public Sector. Upon successful completion of the Computer Security Program, you may qualify to take the CompTIA A+ certification.

Course Location: CCRESA

CONSTRUCTION TRADES - Year I

Prerequisite for Construction Trades I: Students must have local approval based on high school graduation requirements.

This course will be taught using a combination of presentations both in the laboratory and on the job site. Lumber industry careers, blueprint reading, estimating, and safety will be covered.

Students will become acquainted with the procedures for purchasing land, developing sites, securing utilities, hiring contractors, securing permits, building procedures and project closeout. Students will be exposed to blueprint reading, estimating, ordering materials, and installing materials according to codes and specifications.

The student will demonstrate substantial proficiency in the basic building procedures and practices.

Emphasis will be placed on the need for safe work habits and the development of cooperative working relations.

The student must develop an ability to see a job that needs to be done and do it.

Course Location: CCRESA

High School credit by exam with Lansing Community College

CONSTRUCTION TRADES - Year II

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) Construction Trades I. 3) Students must complete the intent to return process. 4) Instructor Approval

Coursework will expand on first-year topics in an applied lab setting. Course may include a major residential building project.

Course Location: CCRESA

High School credit by exam with Lansing Community College

CRIMINAL JUSTICE - Year 1

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) No Criminal History. 3) Instructor Approval. 4) Students will be required to purchase a "uniform".

If the legal industry excites you, this program may be a great fit! This program starts with being introduced to the components of the criminal justice system. You will examine corrections, courts, police systems, as well as history, relationships, administration, and philosophy of the criminal justice system. You will learn the importance of community-based corrections services including sentencing alternatives and process, probation, parole, and imprisonment. Criminal investigation will cover the rules of evidence from its history development through the present day. You will learn all this using real world cases. You will also earn your first aid certification.

Course Location: CCRESA

CRIMINAL JUSTICE - Year 2

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) No Criminal History. 3) Criminal Justice Year 1 with a minimum grade of 2.0 4) Students will be required to purchase a “uniform” along with black leather boots. 5) Students must complete the intent to return process. 6) Instructor Approval.

Coursework will expand on first-year training at a higher tempo with emphasis on academics, hands-on participation, and physical fitness. Each student will participate in:

- Community Service
- SkillsUSA Competitions and Leadership activities
- Multiple job shadows with various Clinton County Criminal Justice agencies
- Field Trips
- Students create a resume, sample cover letter, & participate in mock job interviews with members of the criminal justice advisory committee.

Course Location: CCRESA

VIDEO AND AUDIO PRODUCTION - Year 1

Prerequisite: Students must have local approval based on high school graduation requirements.

This course is an integration of Video production, audio production and digital media production.

Video Production: This program is an extensive hands-on experience in all facets of video production, both in studio and in the field. The class contains a broadcast journalism unit featuring TV newscasts using a professional broadcast TV news set. You will also learn the role of reporter, photographer, drone photographer, director, writer, producer, and editor.

Audio Production: This component of the course emphasizes the creation of audio projects including commercials, podcasts, dramatic work, talk shows, and music. Audio fundamentals and advanced audio production are covered.

Digital Media Production: Learn to integrate video and audio programs into digital media formats. Emphasis will be on taking finished programs and converting them into streaming media.

Course Location: Ovid-Elsie High School

VIDEO AND AUDIO PRODUCTION INTERNSHIP - Year 2

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) Digital Media Arts I 3) Students must complete the intent to return process. 4) Instructor Approval.

Students will pick either a Television or Radio track. The focus of this course is deep exploration of the theory and practice of what it takes to be a successful TV or Radio professional. In addition to working every day at a Radio or Television Station, students will be expected to complete at least one major original work and enter it for competition. Students will also help teach other students. After successful completion of this course, students will have extensive “real-world” experience in TV or Radio. Students will have developed practical skills that will make them employable in their chosen area of concentration. They will also be exceptionally prepared for further study at the college level.

In general, students will:

- Perform day-to-day job duties as WOES-TV or Radio staff member
- Complete one or more long-form special project(s)
- Be expected to take responsibility for learning advanced software and hardware components
- Be expected to act as mentors and help instruct Year I students
- Complete other academic and extracurricular duties as assigned

Specifically, each student will:

- Receive a personalized course of study
- Be assigned to a TV or Radio job position
- Have written performance evaluations every month
- Take midterm and final exams each semester to assess level of mastery of academics pertaining to their chosen field
- Be guided through the process of producing a major work for TV or Radio

Course Location: Ovid-Elsie High School

EDUCATION: EARLY CHILDHOOD

Prerequisite: 1) Students must have local approval based on high school graduation requirements.

Early childhood development is a foundation for over 100 careers and understanding how children grow and develop is important to many fields beyond education and daycare. Understanding child development impacts the fields of: Pediatric Medicine, Therapy Specialists, Mental Health, Family Services, General Services, and Legal and Nonprofit careers. In addition, you will learn about guiding children’s behavior and communicating effectively with children.

Course Location: CCRESA

EMERGENCY SERVICES/FIRE SCIENCE

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) Students will be required to purchase a “uniform”.

This program is a structured “attention on deck” environment and the training is exciting and meaningful. You will earn 32 industry standard certifications: NIMS/TIMS, Wildland and Firefighter II, 1st aid, CPR/AED, Blood Born Pathogen, Body Substance Isolation, and many more. This program offers reality simulations, scenarios, and educational lessons immediately capturing the student’s attention, helping to improve training effectiveness, and student readiness. We offer online, project-based hands on learning, and one-to-one interaction.

Course Location: CCRESA

SPORTS MEDICINE

Prerequisites: 1) Students must have local approval based on high school graduation requirements.

This course is for those wishing to pursue a profession in Sports Medicine. Included in this course are components of kinesiology, exercise science, physical activity, injury prevention, rehabilitation, nutrition, and maintaining a healthy lifestyle. The opportunity to understand and navigate the college/university environment, value of learning, and student responsibilities within the healthcare culture, interprofessional education, ethical and legal issues, employment opportunities, and market demands. All of this while having the opportunity for hands on experiences and real-world situations.

Course Location: CCRESA

WELDING

Prerequisites: 1) Students must have local approval based on high school graduation requirements.

Clinton County Career Connections welding is the intro for stick, mig, tig, and cutting processes for metals of all types. Students will learn fabrication and techniques for current industry requirements and job placements. Average pay rate for a two-year experienced welder and fabricator are upwards of 50-100k per year. Experienced welders making upwards of 170k per year. Fabrication and welding industries are in high demand and are increasing. Projects will be assigned and built during class from the students’ drawings and blueprints. Steel, aluminum, stainless steel, and cast iron are used in the class and are welded with up-to-date welding machines and processes. Advanced students can learn pipeline welding procedures as well.

Course Location: Ovid-Elsie High School

Eaton Intermediate School District (EISD)

Eaton Intermediate School District offers the following courses for our students. If there is additional interest in courses not identified here, please see your counselor. Each class is year-long and replaces 2 classes each trimester and Seminar.

Enrollment for the following courses includes a field trip to Lansing Community College. Students meeting academic and attendance standards in courses at L.C.C. may also receive college credit. Transportation for these classes is the responsibility of the student/parent.

HEAVY EQUIPMENT OPERATOR

Learn skills for your lifetime! This program provides students with an orientation to the heavy equipment industry including heavy equipment safety, equipment maintenance and basic operation techniques. Included will be the techniques of underground construction including grades, below grade construction, and earth moving. Also covered is how to lay pipe and cable including the different kinds of soils and processes used in different kinds of construction. This can be Part Two of a two-year program. If college level work is attained, student may earn up to 8 articulated LCC credits after two years.

Student learning outcomes include but are not limited to:

- Orientation to the trade
- Heavy equipment safety
- Identification of heavy equipment
- National Center for Construction Education and Research
Entry level Certification in: Excavator, Front End Loader, Bulldozer, Forklift, and Backhoe
- Below grade construction
- Earthmoving methods
- Soil compaction
- Introduction to Grades including:
Site Preparation
Site Grading Plans Overview and layout

Course Location: AIS Construction Equipment Company

HEAVY EQUIPMENT REPAIR

Learn skills for your lifetime! Classroom and hands on repair of construction and farm equipment. This is a unique opportunity for you to be trained at AIS Construction Company, a state-wide heavy equipment dealer. Tasks and skills learned will include operating a diesel engine; perform common repairs on modern diesel engines including routine maintenance according to industry guidelines; basic electricity; fundamentals of hydraulics including tearing down and assembling hydraulic components and cylinders; heavy equipment power trains; disassembling and reassembling transmissions and axle assemblies; applying all course content to the latest technology coming in from construction and farm equipment manufacturers. Part One of a two-year program. If college level work is attained, student may earn up to 8 articulated LCC credits after two years.

Student learning outcomes include but are not limited to:

- Basic shop principles
- Diesel engines
- Basic electrical
- Equipment powertrain
- Basic equipment hydraulics
- Welding

Course Location: AIS Construction Equipment Company

Assessment Tests

- The PSAT 9 is administered to all freshmen in April of each year.
- The PSAT 10 is administered to all sophomores in April of each year.
- The PSAT/NMSQT (Preliminary Scholastic Aptitude Test) is offered in October of the junior year as a practice test for the SAT. The top 50% of each state's scorers will qualify for a National Merit Scholarship.

The Michigan Merit Exam (MME) will be given to all juniors in April of each year. The MME has three components:

- The SAT
- ACT Work Keys
- M-STEP

All juniors will be taking the SAT in April at SJHS as part of the Michigan Merit Exam. Registration for the April test only will be handled by the school. Information on the SAT is available at www.collegeboard.com.

The ACT will be an optional test given on specific Saturdays throughout the year. Registration information is available on-line at www.actstudent.org.

TESTING OUT

A student may “test out” of a course if he/she can demonstrate proficiency in the course material. Each course has a different set of criteria for testing out which can range from passing the final exam to completing independent work, and/or portfolio assignments in addition to a required final exam. In all cases a C+ (77%) is the minimum score required for “passing”. Students who earn a C+ (77%) or better will earn credit for the class and are allowed to enroll in the next course in the sequence. Students who earn credit for the course through “testing out” will have a letter grade recorded on their transcript which will not be calculated into a student's cumulative grade point average.

Where other activities are required to demonstrate mastery in a course for the purpose of testing out, in place or in addition to a testing out exam, the student might be required to complete the assignments in advance of the testing out period and submit those assignments at the time of the testing out period.

Students are given the opportunity to test out once each calendar year. The day to test out of classes for the 2023-2024 school year will be **Friday, April 21, 2023**

Students requesting to test out, must complete a Request to Test Out Form and have it turned into the principal's office on or before **March 21, 2023**.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE

Refer to www.eligibilitycenter.org for further information

Division I and II Initial-Eligibility Requirements

Core Courses

NCAA Divisions I and II require 16 core courses.

Division I

16 Core Courses

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

Grade-Point Average

- Be sure to look at your high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org). Only courses that appear on your school's List of NCAA Courses will count toward the 16 core-course requirements. Use the list as a guide.
- The NCAA Eligibility Center calculates your grade-point average based only on grades you earn in NCAA-approved core courses.
- Division I requires a minimum 2.3 GPA
- Division II requires a minimum 2.2 GPA

Division II

16 Core Courses

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

Test Scores

- Divisions I and II use sliding scales to match test scores and GPA's to determine eligibility. The sliding scale balances your test score with your GPA. If you have a low test score, you need a higher GPA to be eligible. Find more information about test scores at ncaa.org/test-scores.
- If you take either the ACT or SAT more than once, the best sub score from different tests are used to meet initial eligibility requirements.
- The SAT score used for NCAA purposes includes only the critical reading and math sub scores.
- The ACT score used for NCAA purposes is a sum of the following four subscores: English, mathematics, reading and science.
- When you register for the SAT or ACT, use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility

Military Information

U.S. Air Force

6250 S. Cedar Street
Lansing, MI 48911
(517) 393-4174
www.airforce.com

U.S. Army

6545 Mercantile Way
Lansing, MI 48911
(517) 517-887-5771
or
Lansing Mall
5648 Saginaw Highway
Lansing, MI 48917
(517) 321-3660
1-800-USA-ARMY
www.goarmy.com

U.S. Marines

507 E. Grand River Ave.
East Lansing, MI
517-351-5515
www.marines.com

U.S. Navy

6250 S. Cedar St.
STE 12A
Lansing, MI 48911
(517) 393-0224
www.navy.com

U.S. Coast Guard

8741 W. Saginaw Highway
STE V
Lansing, MI 48917
(517) 627-5078
www.uscg.mil

Air National Guard

2500 S. Washington Ave.
Lansing, MI 48910
517-327-1802
www.goang.com

Michigan Army National Guard

3423 N. Martin Luther King Blvd.
Lansing, MI 48906
(517) 481-8100
www.miarmyguard.com

Financial Aid Website

Federal Student Aid	www.studentaid.gov/h/apply-for-aid/fafsa
Federal Student Aid Estimator	www.studentaid.gov/aid-estimator/
Find Scholarships	www.fastweb.com
Federal Student Aid Assistance	www.fsapubs.org
Go-to Guide for College Financial Aid	www.finaid.org
Foster Youth in Transition	www.michigan.gov/fyit
Michigan Rehabilitation Services	www.michigan.gov/mrs
St. Johns Public Schools	www.sjredwings.org
Michigan Education Savings Program	www.misaves.com
Nat. Assoc. of Student Financial Aid	www.nasfaa.org
Sallie Mae Student Loans	www.salliemae.com
Michigan Education Trust	www.setwithmet.com
MI 529 Advisor Plan	www.mi529advisor.com

College & Career Websites

ACT Test	www.actstudent.org
Career Planning	www.careers.org
College Board	www.collegeboard.com
Michigan Talent Connect	www.michigan.gov/careers
Career, College, and Military Planning	www.myfuture.com
Peterson's Test Prep Courses	www.petersons.com
US News Education	www.usnews.com/education?top_nav_Education
College Navigator	https://nces.ed.gov/collegenavigator/

Steps to Applying for Financial Aid

1. Apply for admission as well as financial aid - Before a student's chances for aid can be determined, many colleges require an application both for admission and for financial aid. Since application deadlines vary from institution to institution, you may want to develop a calendar of important dates. In any case, it is wise to apply as early as you can.

2. Submit required financial aid forms – File all required forms for financial aid consideration at the college(s) you are contemplating. This includes the correct year's **Free Application for Federal Student Aid (FAFSA)** and obtaining a Federal Student Aid ID (FSAID).

Note: Students should file only one FAFSA regardless of how many colleges they are considering. The FAFSA includes a section for students to list the colleges to which they want their information sent.

To obtain a paper copy of the FAFSA form go to www.studentaid.gov or complete and submit the form online. The website includes deadlines, instructions for completing the form and follow up procedures to check on the status of your form. If you have questions about completing the application, call the Federal Student Aid Information Center (1-800/433-3243). **During your senior year, complete the FAFSA as soon after October 1 as possible and submit by May 1.**

The FAFSA collects demographic and financial information from students and parents to be used to determine an Expected Family Contribution (EFC) – the figure used to determine a student's eligibility for Federal Pell Grants, Other federal financial aid programs, and many state programs. The EFC is determined according to formulas set periodically by the U.S. Congress. You should also check with each college to determine if there are additional forms the college requires you to file. Be sure to file all forms in time to meet the colleges' financial aid application deadlines. Note: Admissions and financial aid deadlines are often different; be sure to meet each requirement.

3. Apply for scholarships and grants – Besides aid offered directly by a college and aid for which your FAFSA form is an automatic application (for example, a Federal Pell Grant), be sure to inquire about state scholarship, grant and loan programs. Ask about institutional, community, foundation, and corporation programs as well. To be considered for financial aid directly through the State of Michigan, enter code number 2076 to have your SAT scores sent directly to the financial aid office for the State of Michigan.

4. Keep track of progress – Monitor all the information you receive from individual college business offices regarding fees, payment schedules, etc. Include this information in your college planning.

Types of Financial Scholarships

Scholarships – Non-repayable awards based on merit or merit plus need

Grants – Non-repayable awards based on need

Loans – Educational loans are available through private lending institutions, colleges, and the federal government. Most educational loans have low interest rates with payments deferred while the student is enrolled in school. Loan programs are also available to eligible parents to help with college expenses for their qualifying children. Loans must be repaid.

Work study programs – Jobs that allow students to earn money toward their expenses while they are enrolled in school. (Students can sometimes get jobs related to their program of study.)

Sources of financial assistance include the federal government, state agencies, professional and service organizations, private foundations, and individual postsecondary schools. Your school counselor can help you determine the programs you may be eligible for and how to apply.

Applying for Scholarships

1. Start early. Begin looking into possibilities early in your high school career. Be ready to locate and complete applications early in the senior year.
2. Be aware of deadlines. Scholarship applications become available throughout a student's senior year, and sometimes are due only weeks after being publicized. SJHS uses the bulletin boards near the counselor's office as well as the daily bulletin and website to post information.
3. Check for scholarship opportunities with your place of employment, your church, or any organizations to which you belong, etc. Also, the Internet, books, and Xello are additional scholarship services.
4. Be organized and aware of deadlines. Make copies of everything. Make sure teachers and counselors are given plenty of time to prepare letters of recommendations, transcripts, etc.
5. Beware of any service that asks you to pay for scholarship searches or wants to charge you for completing the free application for Federal Student Aid (FAFSA). You can get free information about scholarships on the internet, at your local library or in the counseling center.
6. More information regarding scholarship scams can be found at www.ftc.gov/scholarshipscams

Directory of Michigan Colleges and Universities

ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
2076	State of Michigan		www.michigan.gov/studentaid
9999	NCAA		www.ncaa.org
1954	Adrian College	800-877-2246	www.adrian.edu
1956	Albion College	517-629-1000	www.albion.edu
1958	Alma College	989-463-7111	www.alma.edu
1960	Alpena Community College	989-356-9021	https://discover.alpenacc.edu/
1992	Andrews University	800-253-2874	www.andrews.edu
1962	Aquinas College	616-632-8900	www.aquinas.edu
1963	Ave Maria College	239-280-2500	www.avemaria.edu
1948	Baker College of Auburn Hills	855-487-7888	www.baker.edu
1957	Baker College of Cadillac	855-487-7888	www.baker.edu
5011	Baker College of Flint	855-487-7888	www.baker.edu
1997	Baker College of Jackson	855-487-7888	www.baker.edu
1945	Baker College of Clinton Twp.	855-487-7888	www.baker.edu
1957	Baker College of Muskegon	855-487-7888	www.baker.edu
6690	Baker College of Owosso	855-487-7888	www.baker.edu
1946	Baker College of Port Huron	855-487-7888	www.baker.edu
2071	Bay College	906-789-5802	www.baycollege.edu
1968	Calvin College	616-526-6000	www.calvin.edu
1972	Central Michigan University	989-774-4000	www.cmich.edu
1996	Charles S. Mott Comm. College	810-762-0200	www.mcc.edu
1974	Cleary University	800-686-1883	www.cleary.edu
1989	College for Creative Studies	313-664-7400	www.collegeforcreativestudies.edu
1977	Concordia University	734-995-7300	www.cuaa.edu
2002	Cornerstone University	616-949-5300	www.cornerstone.edu
1981	Davenport Univ.-Midland	989-835-5588	www.davenport.edu
1981	Davenport Univ.-Dearborn	313-481-2800	www.davenport.edu
1981	Davenport Univ.-Grand Rapids	800-686-1600	www.davenport.edu
4773	Davenport Univ.-Kalamazoo	269-382-2835	www.davenport.edu
1984	Davenport Univ.-Lansing	517-484-2600	www.davenport.edu

ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
1966	Delta College	989-686-9093	www.delta.edu
1990	Eastern Michigan University	734-487-3060	www.emich.edu
1994	Ferris State University	800-433-7747	www.ferris.edu
2058	Finlandia University	877-202-5491	www.finlandia.edu
1999	Glen Oaks Community College	616-467-9945 x320	www.glenoaks.edu
2000	Gogebic Community College	906-932-4231 x207	www.gogebic.edu
2001	Grace Christian University	616-538-2330	www.gracechristian.edu
2004	Grand Rapids Comm. College	616-234-4100	www.crc.edu
2005	Grand Valley State University	616-331-5000	www.gvsu.edu
2009	Great Lakes Christian College	517-321-0242	www.glcc.edu
1978	Great Lakes Maritime Academy	877-824-7447	www.nmc.edu
2006	Henry Ford Community College	313-845-9600	www.hfcc.edu
2010	Hillsdale College	517-437-7341	www.hillsdale.edu
2012	Hope College	616-395-7000	www.hope.edu
2014	Jackson Community College	517-796-8425	www.jccmi.edu
2018	Kalamazoo College	269-337-7000	www.kzoo.edu
1964	Kellogg Community College	269-965-3931	www.kellogg.edu
1983	Kendall College of Art & Design of Ferris State University	800-676-2787	www.Kcad.ferris.edu
1998	Kettering University	800-955-4464	www.kettering.edu
2017	Kirtland Community College	866-247-6440	www.kirtland.edu
1976	Lake Michigan College	269-927-1000	www.Lakemichigancollege.edu
2031	Lake Superior State University	906-632-6841	www.lssu.edu
2019	Lansing Community College	517-483-1957	www.lcc.edu
2020	Lawrence Technological Univ.	248-204-4000	www.ltu.edu
2003	Lewis College of Business	313-862-6300	
2054	Macomb Community College	586-445-7999	www.macomb.edu
2022	Madonna University	734-432-5300	www.madonna.edu
2024	Marygrove College	313-927-1200	www.marygrove.edu
2032	Michigan State University	517-355-1855	www.msu.edu
2030	Michigan Tech University	906-487-1885	www.mtu.edu
1973	Mid Michigan Comm. College	989-386-6622	www.midmich.edu
2039	Monroe County Comm. College	734-242-7300	www.monroecc.edu

ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
2029	Montcalm Community College	989-328-2111	www.montcalm.cc.mi.us
2034	Muskegon Community College	231-773-9131	www.muskegoncc.edu
2037	North Central Michigan College	888-298-6605	www.ncmich.edu
2038	Northern Michigan University	906-227-1000	www.nmu.edu
2041	Northwood University	800-622-9000	www.northwood.edu
2042	Olivet College	800-456-7189	www.olivetcollege.edu
2049	Reformed Bible College	888-722-1517	www.reformantionbiblecollege.org
2072	Rochester University	248-218-2000	www.rochesteru.edu
2048	Sacred Heart Major Seminary	313-883-8500	www.shms.edu
2057	Saginaw Valley State University	989-964-4000	www.svsu.edu
2052	Siena Heights University	800-521-0009	www.sienaheights.edu
2046	St. Clair County Comm. College	810-984-3881	www.sc4.edu
2070	Schoolcraft College	734-462-4400	www.schoolcraft.edu
2055	Southwestern Michigan College	800-456-8675	www.swmich.edu
2056	Spring Arbor University	800-968-9103	www.arbor.edu
2060	University of Detroit Mercy	313-993-1245	www.udmercy.edu
2062	University of Michigan-Ann Arbor	734-936-2938	www.umich.edu
2074	University of Michigan-Dearborn	313-593-5000	www.umdearborn.edu
2063	University of Michigan-Flint	810-762-3300	www.umflint.edu
2065	Walsh College-Clinton Twp.	248-689-8282	www.walshcollege.edu
2067	Washtenaw Community College	734-973-3300	www.wccnet.edu
2068	Wayne County Comm. College	313-496-2600	www.wcccd.edu
2064	Wayne State University	313-577-2424	www.wayne.edu
2066	Western Michigan University	269-387-1000	www.wmich.edu
2075	West Shore Community College	231-845-6211	www.westshore.edu