Nondiscrimination Policy

Following is the St. Johns Board of Education policy as it relates to educational programs to eliminate discrimination and denial on the basis of 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 Sickels 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 on the basis of 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. Sickels St.
St. Johns MI 48879
989.227.4001

Wendy Andrzejewski
Technology Director
St. Johns Public Schools
501 W. Sickels St.
St. Johns MI 48879
989.227.4086

Dr. Kimberly Ross
Special Education Director
504 Coordinator
501 W. Sickels St.
St. Johns, MI 48879
989.227.4006

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.

ST. JOHNS HIGH SCHOOL
CURRICULUM GUIDE
2019-2020

MISSION STATEMENT

The mission of St. Johns High School is committed to providing a wide variety of instructional strategies to meet students' academic, career and personal goals. All students are held to high academic standards as defined by the Michigan Merit Curriculum and assessed by the Michigan Merit Exam.

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 insure proper placement in the courses requested. Therefore, **NO CHANGES IN A STUDENT'S SCHEDULE WILL BE MADE UNLESS THERE IS A COMPELLING REASON!**

Table of Contents

Staff Directory 5

Overview and Descriptions of the Career Pathways 6

Career Pathways
- Arts and Communications 7
- Business, Management, Marketing and Technology 7
- Engineering/Manufacturing and Industrial Technology 8
- Health Science 8
- Human Services 9
- Natural Resources and Agriscience 9

Graduation Requirements, College Recommendations and Personal Curriculum 10

Planning Guide, Required Core Curriculum and Grade Reporting 11-12

Course Descriptions
Art 13-16
Business 17-20
English 21-24
Family and Consumer Science 25-26
Industrial Technology 27-33
Mathematics 34-36
Music 37-39
Physical Education 40-41
Science 42-46
Social Studies 47-50
Special Education 51
World Languages 52-53
Other Programs 54
CCRESA and EISD 55-67

Other Information
Assessment Tests 68
Testing Out and Online Learning 69
NCAA Initial eligibility 70
Military Information 71
College and Financial Aid Websites and Information 72-74
Directory of Michigan Colleges and Universities 75-77

Staff Directory

All extensions may be called directly by dialing 227 and then the voice mail number

Administration		Voice Mail	E-mail
Mark Horak, Principal		4103	horakm@sjredwings.org
Zane Ballard, Asst. Principal		4105	ballardz@sjredwings.org
Chris Ervin, A.D.		4132	ervinc@sjredwings.org
Counselors	Last Name begins:		
Lisa Marier	Freshmen	4116	marierl@sjredwings.org
Tammi Ballard	(A-L) 10-12 grades	4117	ballardt@sjredwings.org
Rebecca Holmes-Bukantis	(M-Z) 10-12 grades	4118	holmesb@sjredwings.org
Teachers			
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Astle, Brita	Art	4268	astleb@sjredwings.org
Ballor, Michael	English	4285	ballorm@sjredwings.org
Barrett, Amy	Business	4168	barretta@sjredwings.org
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Feldpausch, Neil	Ind. Arts	4226	feldpauschn@sjredwings.org
Fox, Patrick	Social Studies	4165	foxp@sjredwings.org
Guenther, Jennifer	Math/Science	4236	guentherj@sjredwings.org
Heystek, Kathy	Art	4269	heystekk@sjredwings.org
Hyde, Laura	Business	4167	wollison-hydel@sjredwings.org
Keller, Missy	Special Ed.	4174	kellerm@sjredwings.org

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LaBar, Rick	Ind. Arts	4223	labarr@sjredwings.org
Lasceski, Mark	Math	4288	lasceskim@sjredwings.org
Lund, Richard	Science	4242	lundr@sjredwings.org
Maloney, Cheryl	Phys. Ed	4157	maloneyc@sjredwings.org
Mariage, Dave	Social Studies	4163	mariaged@sjredwings.org
Morrow, Alyssa	Math	4293	morrowa@sjredwings.org
Miller, Caleb	Science	4232	millerc@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	4384	phillipsd@sjredwings.org
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Sackrider, Cali	Spanish/English	4233	sackriderc@sjredwings.org
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Schultz, Rick	Science	4244	schultzr@sjredwings.org
Silm, Maureen	Math	4291	silmm@sjredwings.org
Simon, Kari	Science	4238	simonk@sjredwings.org
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Stevons, Heather	Math	4289	stevonsh@sjredwings.org
Streeter, Tom	Science	4241	streetert@sjredwings.org
Stukey, Dave	Social Studies	4169	stukeyd@sjredwings.org
Svoboda, Alexandria	Family Science	4270	svobodaa@sjredwings.org
Thomas, Jackie	Special Ed.	4176	thomasj@sjredwings.org
Truitt, Alicia	French	4295	truitta@sjredwings.org
Veale, Derrick	Science	4245	vealed@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 in order 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 II
3.0	Science (including Chemistry or Physics)
1.0	U.S. History I/II & Geography
1.0	World History I/II & Geography
.5	Government
.5	Economics
2.0	Foreign Language
1.0	Health & Physical Education
1.0	Visual, Performing or Applied Arts
2.0	Seminar
10.0	Electives
	Online Learning Experience

TOTAL REQUIREMENTS: 30 CREDITS

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)
3.0 credits	History and Social Sciences
3.0 credits	Foreign Language

Preferred:

4.0 credits	History and Social Sciences

Recommended:

2.0 credits	Fine and Performance Arts

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.

STUDENT ACADEMIC AND CAREER PLANNING GUIDE

9th Grade	10th Grade	11th Grade	12th Grade
Sept.: ACT/SAT Workshop Sept./Oct.: Visit College/Career Fairs Career Cruising Resume development Redefine career pathway decision Become involved with extracurricular activities Jan.: ACT/SAT Workshop Jan./Feb.: Meet with counselor to determine sophomore schedule Continue EDP process May: Testing (practice ACT/SAT)	Sept.: ACT/SAT Workshop Sept./Oct.: Visit college/career fairs, resume development Jan.: ACT/SAT Workshop Jan./Feb.: Meet with counselor to determine junior schedule May: Testing (practice ACT/SAT) Continue EDP process	Sept.: Junior class meeting, college/military reps. ACT/SAT Workshop Sept./Oct.: Begin job shadowing process, resume development Visit College/Career Fairs Oct.: PSAT/NMSQT test Jan.: ACT/SAT Workshop Jan./Feb.: Meet with counselor to determine senior schedule March/April: Michigan Merit Exam May: A.P. Testing June: ACT/SAT retake Spring/Summer: College Visitations, Continue EDP process	Sept.: Senior college information session regarding scholarships and financial aid information Sept./Oct.: College applications, sign up for ACT/SAT, college/military reps review graduation plan, finalize resume Oct.: Senior meeting with counselors FAFSA Nov.: Prepare/Update resume Dec./Jan.: Scholarship/Financial aid searches Feb./March: Financial aid forms, submit by March 1. Senior Interview Day March: Sign up for A.P. Test May: A.P. Testing Continue and finalize 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 Seminar	*3.5 Electives*	*.5 Seminar*	
2.5 Electives		*3.5 Electives*	

Must complete Math through Algebra II.

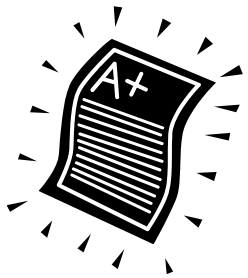
Must complete Science through Chemistry <u>or</u> Physics.

Must complete an on-line learning experience.

Must 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. Progress Reports will be available at Parent/Teacher conferences following the first six weeks of each Trimester.



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			♦	♦

Suggested Course Sequence

Some Suggested Course Paths

Grade 9	Intro to Art Workshop	Ceramics I	3-D Exploration
Grade 10	Ceramics I	Fundamentals of Art	Fine Art
Grade 11	Design Process	Ceramics II	Visual Art Journal
Grade 12	Ceramics II	Visual Art Journal	Portfolio

3-D Exploration

♦ Grades 9, 10, 11, 12 1 Trimester ½ credit per trimester

Prerequisite: None

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 per trimester

Prerequisite: None

Lab Fee: Cost of materials and supplies for each project

The Ceramics I course is designed to teach the basic 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 9, 10, 11, 12 1 Trimester ½ credit per trimester

Prerequisite: Ceramics I, with a "B" or better

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. A majority of 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 per trimester

Prerequisite: None

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 9, 10, 11, 12 1 Trimester ½ credit per trimester

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 per trimester

Prerequisite: None

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 per trimester

Prerequisite: None

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 3 Trimesters ½ credit per trimester

Prerequisite: Fundamentals of Art and Fine Art, Intro to Art, Design Process and Instructor Approval (Application from Art Teacher)

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. **This course has a $10.00 materials fee.**

Visual Art Journal

♦ Grades 11,12 1 Trimester ½ credit per trimester

Prerequisite: Intro to Art or Fundamentals of Art, Fine Art and Design

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
Careers/Computer Applications	♦			
Computer Applications	♦	♦	♦	♦
Computer Publishing	♦	♦	♦	♦
Business Management		♦	♦	♦
Programming I		♦	♦	♦
Microsoft Academy		♦	♦	♦
Web Authoring I & II*		♦	♦	♦
Accounting I & II		♦	♦	♦
Accounting III & IV*			♦	♦

Digital Design	Business Management	Programming	Finance
Computer Publishing	Computer Applications	Programming I	Accounting I
Web Authoring I	Business Management	Web Authoring I	Accounting II
	Microsoft Academy (MOS Certification)	Web Authoring II	Accounting III
			Accounting IV

Accounting I

♦ Grades 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *Computer Applications*
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 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *Accounting I*
Students will study banking procedures (cash control, use of checking accounts and reconciling bank statements), and payroll (calculate time cards, 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 through the use of mini practice sets.

Accounting III

♦ Grades 11-12 1 Trimester | ½ credit per trimester

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 through the use of mini practice sets. Additional study towards a Microsoft Certification in Excel will be explored.

Accounting IV

♦ Grades 11-12 1 Trimester | ½ credit per trimester

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 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *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 per trimester

Prerequisite: None
Required course for all freshmen. Student in this course will review core computer skills 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 skills; successfully completing job applications; and completing a resume and cover letter. Students will utilize Career Cruising and Mi Bright Future in career exploration and research.

Computer Applications

♦ Grades 9-12 1 Trimester | ½ credit per trimester

Prerequisite: *None*

Moving at a more rapid pace that Career Technology, students in this course will review core computer skills and improve keyboarding technique, speed and accuracy. Computer software programs utilized in the workplace will be utilized to assist students to prepare for today's job market. Students will prepare for a career by identifying individual areas of interest, aptitudes, and values; researching education/career opportunities and requirements; recognizing and developing employability skills; gaining job search skills; successfully completing job applications; and completing a resume and cover letter.

Computer Publishing

♦ Grades 9-12 1 Trimester | ½ credit per trimester

Prerequisite: *Computer Applications*

The objective of this course is to prepare students to employ and manipulate technology in publishing and business presentations. Students will design, develop, and complete documents, including brochures, newsletters, calendars, advertisements, and business reports. Students will integrate applications to incorporate business graphics and databases within documents, import data between software applications, and prepare documents for presentation. A variety of input devices (modems, scanners, digital cameras) and output devices (color ink jet and laser jet printers) will be used.

Microsoft Academy

♦ Grades 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *Business Management & Computer Applications*

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 in.

Programming I

♦ Grades 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *Computer Applications*

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 10-12 1 Trimester | ½ credit per trimester

Prerequisite: *Computer Applications*

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 10-12 1 Trimester | ½ credit per trimester

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.

English Language Arts

Graduation Requirements

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

Courses Offered	9	10	11	12
English 9	♦			
American Lit.		♦		
British Lit.			♦	
Modern American Lit.			♦	♦
Modern World Lit.			♦	♦
Speech		♦	♦	♦
Forensics	♦	♦	♦	♦
Intro to Theatre	♦	♦	♦	♦
Adv. Theatrical Production		♦	♦	♦
Digital Composition		♦	♦	♦
Writing Workshop			♦	♦
Film as Lit			♦	♦
A.P. English				♦

Some Suggested Course Paths			
9th Grade	English 9	Intro to Theatre	Forensics
10th Grade	American Literature	Speech Intro to Theatre	Forensics *Digital Composition
11th Grade	British Literature	Modern World Literature or Modern American Literature Film as Lit.	Speech Intro to Theatre Forensics *Digital Composition Writing Workshop
12th Grade	AP English	Modern World Modern American	Writing Workshop Speech *Digital Composition

*must have instructor approval

College Bound Students: will be highly encouraged to take Modern American Literature, Modern World Literature or AP English.

Advanced Theatrical Production

♦ Grades 10, 11, 12 1 Trimester | ½ credit

Prerequisite: Introduction to Theatre Production, or has performed in a fall musical or competition show.

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 it's 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 are 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 ½ 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 class overcrowding.

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.

Digital Composition

♦ Grades 10, 11, 12 3 Trimesters | ½ credit per trimester

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 Adviser. Staff members must be mature, responsible, reliable, and creative. They must also be willing to assume full responsibility for deadlines and camera equipment.
*Does not apply toward English credit requirements for graduation.

English 9

♦ Grade 9 2 Trimesters | 1 credit

Prerequisite: None

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 | ½ 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 | ½ credit

Prerequisite: None

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 Theater

♦ Grade 9, 10, 11, 12 1 Trimester | ½ credit

Prerequisite: None

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 for the theatrical art form. The class will culminate with participation in the fall musical from an acting or technical standpoint. The class will experience in-class production of sections of theatrical works, explore and comprehend practical application of skills such as set design, set construction, lighting, as well as hands-on activities in the classroom. This class is a prerequisite for Theatre Production.

Modern American Literature

♦ Grades 11, 12 1 Trimester | ½ 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 | ½ 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 | ½ 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.

Writing Workshop

♦ Grades 11, 12 1 Trimester | ½ 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			♦	♦

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

Prerequisite: None

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 9, 10, 11, 12 1 Trimester/1/2 credit

Prerequisite: None

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

Prerequisite: None

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

Prerequisite: None

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.

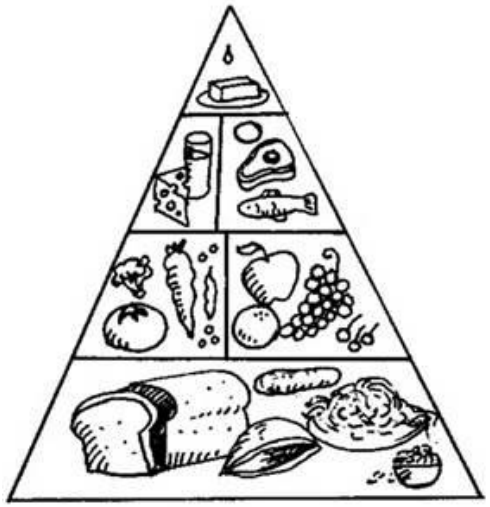
Sewing

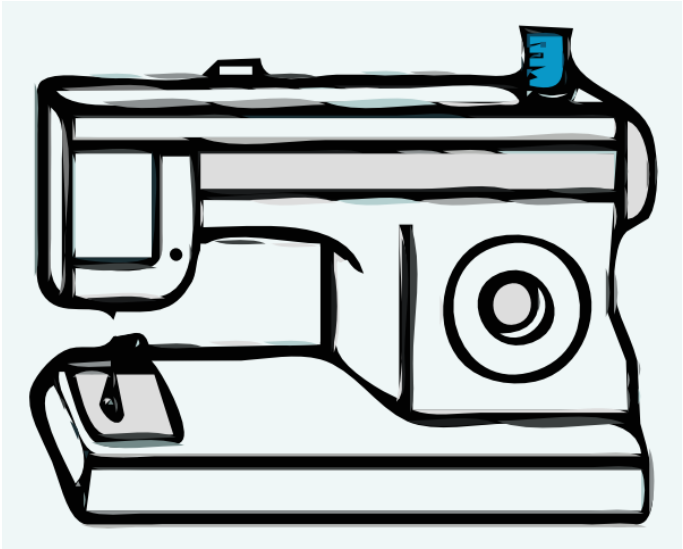
♦Grades 9, 10, 11, 12 1 Trimester/1/2 credit

Prerequisite: None

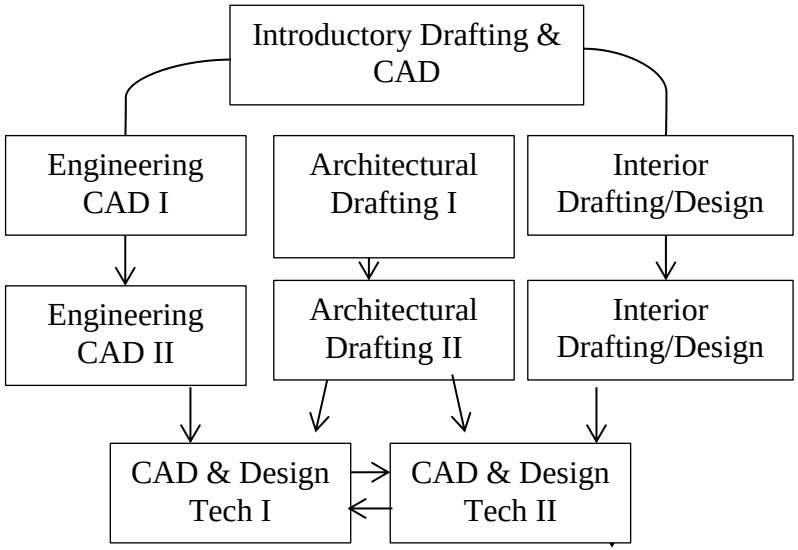
Lab Fee: Cost of project materials

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.**





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)				♦

Some suggested Course Paths	Engineering CAD Path	Architectural Drafting Path	Interior Drafting & Design Path	CAD & Design Technology Path
9	Intro to Draft & CAD	Intro to Draft & CAD	Intro to Draft & CAD	
10	Eng. CAD I	Arch. I	Interior I	Intro to Draft. & CAD
11	Eng. CAD II	Arch. II	Interior II	CAD & Design Tech I
12	Choose from Another Design Path	Choose from Another Design Path	Choose from Another Design Path	CAD & Design Tech II

Introductory Drafting & CAD

♦Grades 9, 10, 11, 12 2 Trimesters/1 credit

Prerequisite: none

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.

Engineering CAD I

♦Grades 10, 11, 12 3 Trimesters/2 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/2 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.

Architectural Drafting I

♦Grades 10, 11, 12 3 Trimesters/2 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/2 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.

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/2 credits

Prerequisite: Interior Drafting and Design I or written teacher approval

This course is designed to give the seriously interested interior design student skills in the interior design profession. All areas of instruction lead to a college bound career and portfolio in Interior Design. Study focuses on: advanced elements and principals of design, advanced spatial planning of furniture and floor plan arrangements, color theory, surface materials presentation boards and portfolio building. This course also introduces the student to advanced CAD techniques using **AutoDesk** Revit and **SketchUp** software in the creation of interior drawings and presentations.

Metal Technology

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

Suggested Course Paths			
	Path A	**Path B**	**Path C**
Grade 9	N/A	N/A	N/A
Grade 10	None	Metal Technology I	Metal Technology II
Grade 11	Metal Technology I	Metal Technology II	None
Grade 12	Metal Technology II	None	Metal Technology II

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

Metal Technology I

♦Grades 10, 11, 12 1 Trimester/ ½ credit

Prerequisite: None, Recommended Classes: Algebra I, Geometry, Intro to Drafting and CAD

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 1 Trimester, 2 class hours/ 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.

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

Suggested Course Paths			
	Path A	**Path B**	**Path C**
Grade 9	Arc Welding	Acetylene Welding	None
Grade 10	Acetylene Welding	None	Arc Welding
Grade 11	Advanced Welding	Arc Welding	Acetylene Welding
Grade 12	CCRESA Welding	Advanced Welding	Advanced Welding

Arc Welding

♦Grades 9, 10, 11, 12 1 Trimester/ ½ credit

Prerequisite: None

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/ ½ credit

Prerequisite: None, Recommended: Arc Welding

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 I	♦	♦	♦	♦
	Wood Technology II	♦	♦	♦	♦
	Wood Technology III		♦	♦	♦
	Wood Technology IV		♦	♦	♦
	Wood Technology V			♦	♦

Some Suggested Course Paths	Path A	Path B	Path C
9th Grade	Wood Technology I	Wood Technology I & II	Wood Technology I & II
10th Grade	Wood Technology II & III	Wood Technology III	Wood Technology III & IV
11th Grade	Wood Technology IV	Wood Technology IV	Wood Technology V
12th Grade	Wood Technology V	Wood Technology V	

Wood Technology I

♦ Grades 9, 10, 11, 12 | 1 Trimester | ½ credit per trimester

Prerequisite: None

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 | ½ credit per trimester

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 | ½ credit per trimester

Prerequisite: Wood Technology I & II

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

Wood Technology III is trimester long, intermediate level course in woodworking. Different from Wood Technology I & II where students built individual projects, this course will follow a mass production model. A single project will be decided upon and then the class will work together to produce as many items as time allows. Students are required to make an initial investment into their own project, but can then use that project to sell more and earn a paycheck at school; all while learning valuable skills in mass production.

Wood Technology IV

♦ Grades 10, 11, 12 1- 3 Trimesters, 1 – 3 class hours | ½ 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.

Wood Technology V

♦ Grades 11, 12 1 – 3 Trimesters, 1 – 3 class hours| ½ credit per trimester per hour

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

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

Wood Technology V, like Wood Technology IV, is designed as an advanced level woodworking course. Its purpose is to provide a more extensive experience along with additional time to students who desire to work more independently on a larger and more advanced wood project. Students will be given the opportunity to advance skills learned in Wood Technology I, II, III & IV in areas of materials, machines, and procedures. Students will be expected to design and develop plans for a project of their choice. The base level of this course is one trimester one hour, however depending upon the complexity of the project chosen, a student can sign up for one to two additional hours. Student must discuss project choice with instructor before choosing their number of hours.

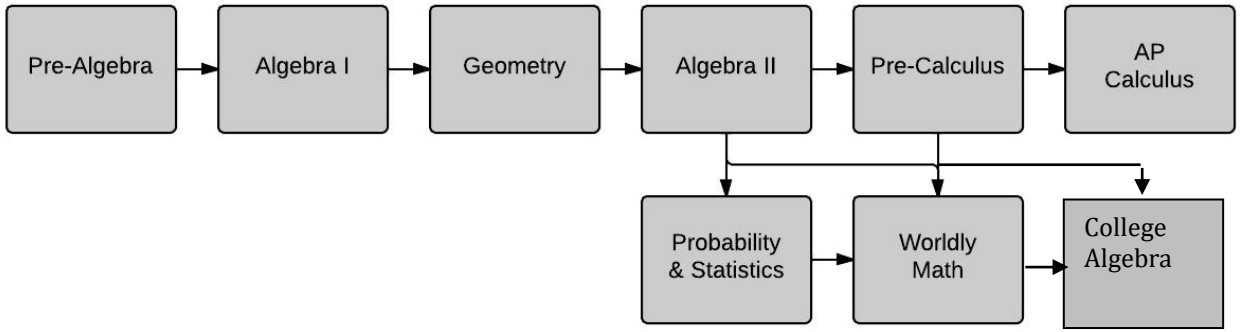
MATHEMATICS

Requirements

- Algebra I
- Geometry
- Algebra II
- One (1) credit in an additional mathematics class.
- 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



Some Suggested Course Paths			
	A	**B**	**C**
9th Grade	Pre-Algebra	Algebra I	Geometry
10th Grade	Algebra I	Geometry	Algebra II
11th Grade	Geometry	Algebra II	Pre-Calculus
12th Grade	Algebra II	Pre-Calculus, Probability & Statistics, Worldly Math, College Algebra	AP Calculus, Probability & Statistics, College Algebra or Worldly Math

Algebra I **REQUIRED COURSE** ♦ Grades 9, 10 2 Trimesters | 1 credit

Prerequisite: Pre-Algebra or Transition Algebra in 8th Grade

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.

AP Calculus ♦ Grade 12 3 Trimesters | 1 ½ 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.

Students are also expected to take the AP Calculus test in May. Those students electing not to take the AP exam will take a final exam in the class. A student could opt to take a calculus CLEP test with teacher permission. Some 3-D figure sketching is also done after the AP test.

College Algebra ♦ Grade 12 2 Trimesters | 1 credit

Pre-Requisite: 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 ♦ Grade 9 3 Trimesters | 1 ½ credits

Prerequisite: Teacher Recommendation

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.

Music

Courses Offered	9	10	11	12
Band 9	♦			
Concert Band		♦	♦	♦
Marching Band		♦	♦	♦
Symphonic Band		♦	♦	♦
Chorus	♦	♦	♦	♦
Concert Choir	♦	♦	♦	♦
Chamber 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 ½ 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 a 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/ ½ 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 ½ credits

Prerequisite - spring audition/director approval

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 ½ 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 indication 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.

Chamber Orchestra ♦Grades 9, 10, 11, 12 3 trimesters /1 ½ credits

Prerequisite - Must have previous string instruction, or successful completion of the 8th grade orchestra, or the instructor's approval.

Primarily a ninth grade class, students in the tenth, eleventh, or twelfth grades may sign up with approval from the instructor. Participating in the orchestra program offers the student an opportunity to continue in the string program and develop his/her music skills and knowledge. It provides for an enrichment of aesthetic values through music and a strengthening of personal qualities necessary in the performing arts. 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, participation, practice logs, and attendance at concerts. Opportunities for outside performances and participation in festival and Solo & Ensemble are offered and encouraged.

Symphony Orchestra ♦Grades 10, 11, 12 3 trimesters /1 ½ credits

Prerequisite - spring audition/director approval

Students in the symphony orchestra continue what they have learned and achieved in chamber orchestra by playing more advanced music. 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, practice logs, and attendance at concerts. Opportunities for outside performances and participation in festival and Solo & Ensemble are offered and encouraged.

Physical Education

Requirements

- Physical Education I
- Physical Education II

Courses Offered	9	10	11	12
Physical Education I	♦			
Physical Education II	♦			
Physical Education III		♦		
Physical Education IV		♦	♦	♦
Physical Education V		♦	♦	♦
Physical Education VI		♦	♦	♦
Advanced PE for Athletes	♦	♦	♦	♦

Physical Education I

♦ Grade 9 1 Trimester | ½ credit per trimester

REQUIRED COURSE

Prerequisite: None

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

♦ Grade 9 1 Trimester | ½ credit per trimester

REQUIRED COURSE

Prerequisite: None

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 per trimester

Prerequisite: *Successful completion of Physical Education I & II*

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

♦ Grade 10, 11, 12 1 Trimester | ½ credit per trimester

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 out and participate on a daily basis.

Physical Education V

♦ Grades 10, 11, 12 1 Trimester | ½ credit per trimester

Lifetime Fitness

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 per trimester

Weight Training & Conditioning

Prerequisite: *A grade of C or better AND a citizenship or S of 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 per trimester

Advanced P.E. for Athletes

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

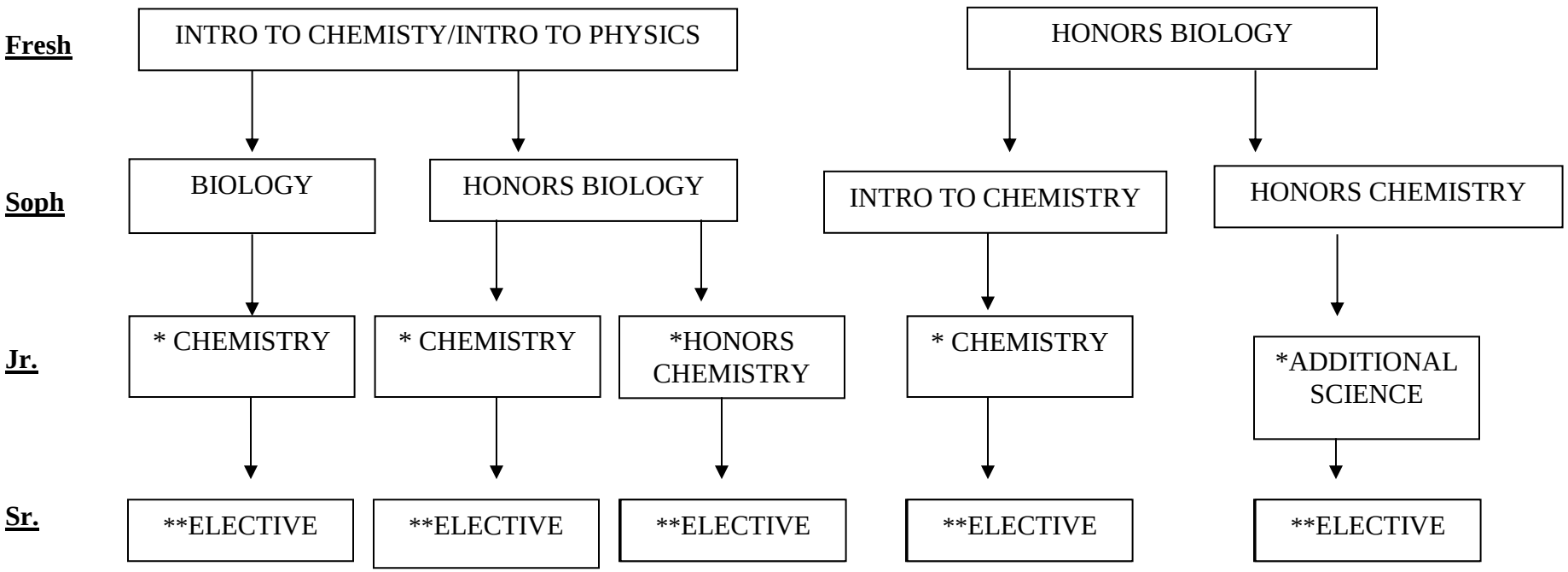
Biology
Chemistry or Physics

One (1) credit in an additional science class

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			♦	♦

Some Suggested Course Paths			
	A	**B**	**C**
9th Grade	Intro to Chemistry and Physics	Honors Biology	Intro to Chemistry and Physics
10th Grade	Biology	Honors Chemistry	Honors Biology
11th Grade	Chemistry	Honors Physics or AP Science	Honors Chemistry
12th Grade	Science Elective	Science Elective	Science Elective

Science Enrollment Options



**electives include the following:
Anatomy and Physiology
Environmental Science
Honors Physics
Advanced Placement Biology
Advanced Placement Chemistry

*Science requirement for graduation met

A.P. Biology

♦Grades 11, 12 | 3 Trimesters | 1 ½ credits

Prerequisite: Honors Biology, Honors Chemistry

The Advance Placement 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. Chemistry

♦Grades 11, 12 | 3 Trimesters | 1 ½ 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.

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 students problem solving and research sills, 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 10, 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 filed 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

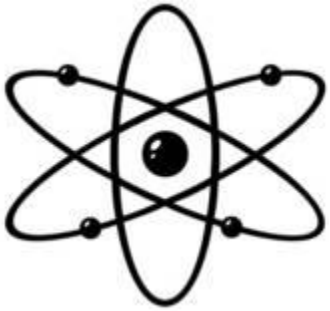
*Prerequisite: 9th or 10th Grades (*9th with approval of 8th grade science teacher)*

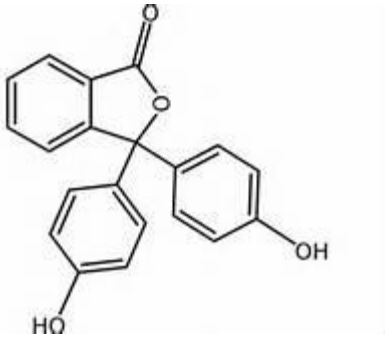
This is a rigorous course designed for students planning on attending a two or four year college. Honors Biology provides the student with a basic understanding of life's processes and its meaning in both plants and animals. In addition, the student has an opportunity to develop curiosity for future 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 │ 1credit

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, Honors Chemistry, Algebra II

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

♦Grade 9, 10 1 Trimester | ½ credit

Prerequisite: None

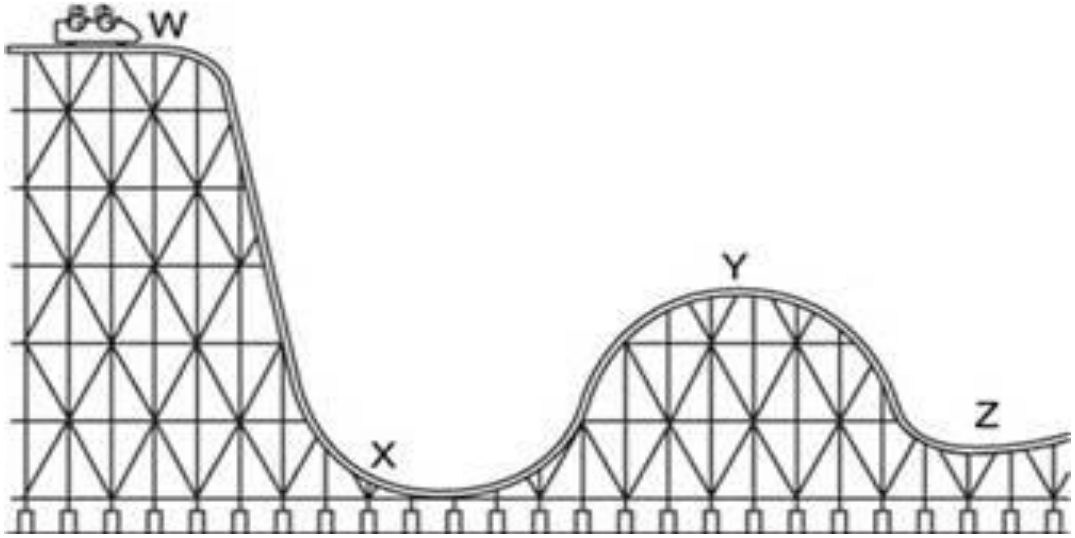
The Introduction to Chemistry course gives the student a strong foundation in the subject of chemistry that will be directly applied to and help them succeed in the Applied Chemistry course they will take in a following year. Topics that will be focused upon include the scientific method, the structure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

Introduction to Physics

♦Grade 9 1 Trimester | ½ credit

Prerequisite: None

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			♦	♦

Some Suggested Course Paths			
	A	**B**	**C**
9th Grade	U.S. History I & II	U.S. History I & II	U.S. History I & II
10th Grade	World History I & II	World History I & II	World History I & II
11th Grade	Government/Economics	Economics, Government, AP American History	Economics, Government, AP Government
12th Grade	Global Issues/Psychology	AP Psychology, AP Government, Economics, Global Issues, General Psychology or Government	AP Psychology, AP Government, Economics, Global Issues, General Psychology or Government

AP American History

♦ Grades 11, 12, 10th w/Teacher Approval Only 3 Trimesters | 1½ credits

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.

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.

AP Psychology

♦ Grades 11, 12 3 Trimesters | 1½ 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 biological psychology, neuroscience, developmental psychology, personality testing, individual differences, abnormal psychology, treatment of psychological disorders, and social psychology. Students are expected to take the AP test in psychology in May. However, this is not a requirement. Those students electing to not take the Advanced Placement exam will take a final exam.

Economics ***REQUIRED COURSE***

♦ Grades 11, 12 1 Trimester | ½ credit

Prerequisite: None

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.

General Psychology

♦ Grades 10, 11, 12 2 Trimesters | 1 credit

Prerequisite: None

Psychology is the study of human and animal behavior. Students will learn the history method and modern approaches in the field. Biological basis of behavior will be explored along with sensation, perception, states of consciousness, learning, cognition, motivation, and emotions.

Global Issues

♦ Grades 11, 12 1 Trimester | ½ credit

Prerequisite: None

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 ***REQUIRED COURSE***

♦ Grades 11, 12 1 Trimester | ½ credit

Prerequisite: None

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 ***REQUIRED COURSE***

♦ Grade 9 1 Trimester | ½ credit

Prerequisite: None

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 ***REQUIRED COURSE***

♦ Grade 9 1 Trimester | ½ credit

Prerequisite: U.S. History I

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 *REQUIRED COURSE*

♦ Grade 10 1 Trimester | ½ credit

Prerequisite: None

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 *REQUIRED COURSE*

♦ Grade 10 1 Trimester | ½ credit

Prerequisite: World History I

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

LR English ♦Grades 9, 10, 11, 12 2 Trimesters/1 credit

Prerequisite: None

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 trimester

Prerequisite: None

Tutoring is available to special education students who need support in order 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: Counselor/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.

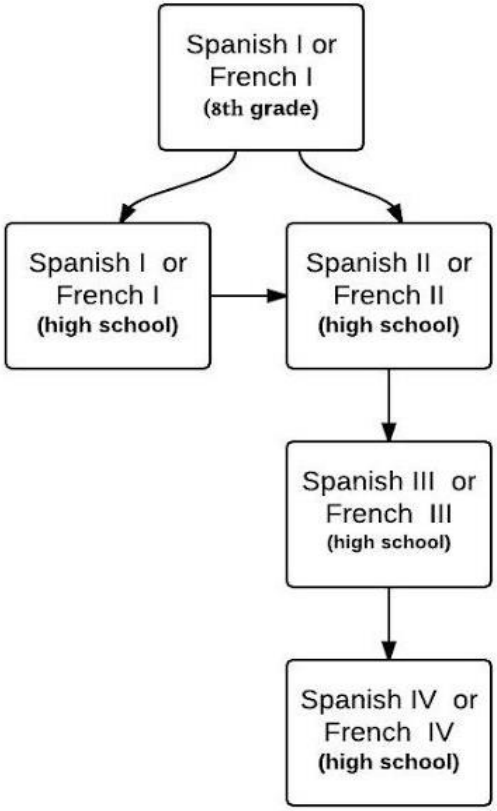
World Languages

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 or French III/IV the year of the trip. The Spain trip occurs on even numbered years (i.e. 2016, 2018…) and the French trip on odd numbered years (2017, 2019…) in the spring.

Spanish I or French I

♦ All Grades 2 Trimesters | 1 credit

Prerequisite: None

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

♦ All Grades 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 also 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 is offered every year at this level (Spain trips on even years and French trips on odd years). The class will often be conducted in the target language.

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 is offered every year at this level (Spain trips on 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.

Links Peer to Peer Program

♦Grades 9, 10, 11, 12 1 Trimester/1/2 credit

Prerequisite: None, 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 COUNTY CAREER CONNECTIONS COURSES

The following courses are available to juniors and seniors and provide possible LCC credits. Classes are year-long and replace 2 classes each trimester.

ALLIED HEALTH (YEAR 1)

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) Students will be responsible to purchase a "uniform". 3) Students will need access to the internet for online instructional days.

This course is designed to present and explore basic concepts of the human biological sciences in anatomy, physiology, pathology and career exploration. Basic physical science, medical terminology, and other fundamental concepts of human health are also included. This course utilizes in-class education and training sessions, lab sessions, and field trips aimed at preparing individuals for careers in health care. This course is a prerequisite for the Allied Health Internship course.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
CHSE 100 Intro to Health Professions	3 credits	▪ Accuplacer Reading level 5 ▪ CPR Certification by the end of class
CHSE 120 Medical Terminology	4 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4
PFHW 163 Healthy Lifestyles	2 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6

Course Location: St. Johns

ALLIED HEALTH INTERNSHIP (Year 2)

Prerequisites: 1) Students must have local approval based on high school graduation requirements. 2) Allied Health I, 3) Students will be required to purchase a "uniform". 4) Students must complete the intent to return process. 5) Instructor Approval

Admittance into the Program is based on multiple factors including but not limited to 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. Details will be forthcoming.

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: St. Johns

AUTOMOTIVE TECHNOLOGY & REPAIR – YEAR 1 & 2

Prerequisites for Automotive Technology & Repair Year 1) Students must have local approval based on high school graduation requirements.
Prerequisites for Auto Technology Repair Year 2: 1) Students must have local approval based on high school graduation requirements. 2) Automotive Technology& Repair year 1 3) Students must complete the intent to return process.4) Instructor Approval

Automotive Technology & Repair are vocational course designed to provide an opportunity for students to learn the entry-level skills needed for entering many automotive industry careers. The curriculum is a student paced curriculum, which allows students to complete units at their own speed.

Courses may include the following units of study: Service Station Technician, Brake Technician, Alignment and Suspension Technician, Electrical/Electronic Systems Technician, and Engine Performance. Students will also have the opportunity to obtain ASE certifications, in addition to preparing them to pass a state mechanic certification test.

Experience is gained through a customer service program, which provides the students with realistic on-the-job training. Students are faced with the same problem-solving tasks as technicians in the field, and they must then correct any problems. Each student will be exposed to service management, parts and tool management, and will gain experience working with local automotive dealerships, parts stores and repair facilities.

This course provides the opportunity for the following LCC Articulated Credit

LCC Credit	# of Credits	To be eligible to ear LCC credit, students must achieve
AUTO 100 Basic Auto Service & Ethics	3 credits	• Accuplacer Reading level 3 • Accuplacer Writing level 2 • Accuplacer Math level 3

Course Location: St. Johns High School

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 ship and café. Typically three days online and two days face-to-face. Along with running tow 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!

This course provides the opportunity for the following LCC Articulated Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
BUSN 118 Introduction to Business	3 credits	▪ Accuplacer Reading level 5 ▪ Accuplacer Writing level 4
BUSN 160 Starting a Business	4 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4 ▪ Accuplacer Math Level 4

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

BUSINESS MANAGEMENT AND ENTREPRENEURSHIP (Year 2)

Prerequisite: 1) Business Management and Entrepreneurship Year I 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

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

Course Description: A course designed for students seriously considering a design career in engineering/mechanical CAD, Architecture or other related design careers.

Students Choose a Design Career Path:

- Engineering/Mechanical CAD I & II
- Architecture I & II

Course Format: Students will select one of the career paths above and then complete the required projects/lessons. This is a hands-on course with the majority of the student's grade project based. Students will be given short lectures and demonstrations to reinforce the unit content. Students will learn sketching, manual drafting 2D CAD and 3D CAD as they apply to the discipline they choose to study. Students will have the opportunity to see their designs come to life using the 3D prototype printer.

Software Programs Used: (Students will learn using current technology)

- AutoCAD: Used in both career paths
- AutoDesk Revit: Used in Architecture
- SolidWorks: Used in Engineering/Mechanical CAD
- Inventor: Used in Engineering/Mechanical CAD
- SketchUp: Used in Architecture

This course provides the opportunity for the following LCC Articulated Credit

LCC Credit	# of credits	To be eligible to earn LCC credit, students must achieve
ARCH 100 Intro to Architectural Drawing	3 credits	• Accuplacer Reading Level 3 • Accuplacer Writing Level 4 • Accuplacer Math Level 3
ARCH 110 Visual Communications I	3 credits	• Accuplacer Reading Level 4 • Accuplacer Writing Level 4 • Minimum 2.0 in ARCH 100 or score 80% or higher in Architectural Drafting Placement Test
METD 100 Basic Mechanical Drafting	3 credits	• Accuplacer Reading Level 3 • Accuplacer Writing Level 2 • Accuplacer Math Level 3
METD 110 Mechanical CAD Drafting I	4 credits	• Accuplacer Reading Level 3 • Accuplacer Writing Level 4 • Accuplacer Math Level 3 • Minimum 2.0 in MEDT 100 or score 80% or high in Mechanical Drafting Placement Test

Course Location: St. Johns High School

COMPUTER SUPPORT

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

This course provides an introduction to computers, their role in managing business information systems, their influence on society, and their use in personal productivity. Students will also gain skills to diagnose and correct problems that computer users encounter. Students receive practical hands-on experience in installing, maintaining, and troubleshooting computer hardware and software while developing their communication skills and professionalism. This course includes the two current CompTIA A+ certification exams that are required to receive CompTIA A+ certification. In addition, students in this course will learn the fundamentals of Local Area Networks (LANs) and related topics, including Wide Area Networking (WAN). Communication standards such as OSI 7 layer model are introduced. If college level work is attained, students may earn up to 12 LCC credits.

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
CITF 110 Intro to Computer Information Systems	3 credits	▪ Accuplacer Reading level 4 ▪ Accuplacer Writing level 4
CITN120 Intro to Networking	3 credits	▪ Accuplacer Reading Level 4 ▪ Accuplacer Writing Level 4
CITS 125 Computer Support : A+ Cert. Prep	6 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4 • Accuplacer Math Level 3

Course Location: CCRESA (St. Johns)

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 and 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.

This course provides the opportunity for the following LCC Articulated Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
BLDT 121 Residential Framing	4 credits	▪ None

Course Location: CCRESA (St. Johns)

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.

This course provides the opportunity for the following LCC Articulated Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
BLDT 125 Roofing/Siding	4 credits	▪ Minimum 2.0 in BLDT 121
BLDT 126 Interior Carpentry	4 credits	▪ Minimum 1.0 in BLDT 121

Course Location: CCRESA (St. Johns)

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".

The Clinton County Criminal Justice Program introduces high school students to the criminal justice system, the county and state corrections system and the juvenile justice system. Jobs in this pathway include police officer, county or state corrections officer, probation and parole officer, and juvenile justice worker. Field trips and classroom presenters will be scheduled after students have a sufficient knowledge of the criminal justice system.
A career in criminal justice requires you to read, understand criminal laws and write reports. Therefore, good reading, oral communication and writing skills are important. Additionally, students should have basic computer skills since students will be required to complete computer research during some of their class periods.
Students will also be exposed to various elements of the LCC Police Academy and Corrections Officer Training programs. Physical fitness activities are part of the curriculum. Students will create a resume, sample cover letter and participate in mock job interviews with members of the criminal justice advisory committee.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
CJUS 101 Intro to Criminal Justice	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4
CJUS 106 Intro to Juvenile Justice	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4
CJUS 131 Intro to Corrections	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4

Course Location: CCRESA (St. Johns)

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 will create a resume, sample cover letter and participate in mock job interviews with members of the criminal justice advisory committee.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	#of Credits	To be eligible to earn LCC credit, students must achieve:
CJUS 102 Crime Causes and Conditions	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4 • Minimum 2.0 in CJUS 101 or CJUS 131
CJUS 103 Criminal Law	3 credits	▪ Minimum 2.0 in CJUS 101
CJUS 205 Policing into the 21st Century	3 credits	▪ Minimum 2.0 in CJUS 101

Course Location: CCRESA (St. Johns)

DIGITAL MEDIA ARTS (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.

TV: Students will receive 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. Students will learn the role of reporter, photographer, director, writer, producer and editor. Students will also learn scripting, storyboarding, producing, directing, lighting, video-graphy, computer video editing and special effects generation. Video projects include: music videos, documentaries, short films and other special projects.

Audio Production: This component of the course emphasizes the creation of audio projects, including news features, dramatic work, and music. The fundamentals of audio production are covered, along with more advanced techniques for refining finished work. The curriculum also contains a live on-air and station management component through WOES 91.3, leaving each student comfortable to succeed in a live radio experience and understanding the programming process.

Digital Media Production: Students will learn to integrate TV and Radio programs into state-of-the-art digital media formats. Emphasis will be on taking finished programs and converting them into streaming media for the web. The creation of New Media will also be explored including Podcasting, VidCasting, and Blogging. Students will create original works that will be accessible to a wide audience for review. The class will also create, design, and author CDs and DVDs.

This course provides the opportunity for the following LCC Articulated Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
DMAC Digital Audio Production I	4 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6 ▪ Final Project Portfolio
DMAC 130 Digital Video Production	4 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6 ▪ Final Project Portfolio
DMAC 140 Pre-Production Design	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6 ▪ Final Project Portfolio

Course Location: Ovid-Elsie High School

DIGITAL MEDIA ARTS 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 main 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:

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

Specifically, each student will:

1. Receive a personalized course of study
2. Be assigned to a TV or Radio job position
3. Have written performance evaluations every month
4. Take midterm and final exams each semester to assess level of mastery of academics pertaining to their chosen field
5. 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.

Students focus on and learn the knowledge and skills necessary in early childhood care and education programs such as kindergartens, preschools, childcare centers, family childcare homes, and before and after school programs. These programs require professionals who understand how children grow and learn, can develop caring relationships with young children and have skills at planning and implementing a program that meets the specific characteristics of young children. Course content includes child development, health and safety, self-esteem, interacting with children, positive guidance/discipline skills, families, professionalism and activity/development design. Students will also have the opportunity to examine classroom settings and methods in kindergarten through grade 12 environments, exploring how early childhood provides a foundation for future learning, and gaining an understanding of the full scope of the teaching profession. Field Placements in community early childhood education and care programs are a component of this program.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
CHDV 100 Foundations in Early Childhood Education	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4 ▪ At least a 2.5 in courses
CHDV 113 Health/Safety in Early Childhood Education	2 credits	▪ Accuplacer Reading Level 4 ▪ Accuplacer Writing Level 4 ▪ At least a 2.5 in courses ▪A criminal background check, a physical and TB test is required for field placement in this course.
CHDV 186 Child Self-Esteem/Positive Discipline	1 credit	•None

Course Location: CCRESA (St. Johns)

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 will prepare students to enter courses in the field of fire protection and emergency medical services. This course provides an overview to fire protection; career opportunities in the fire protection and related fields, philosophy and history of fire protection services; organization and function of public and private fire protection services; fire departments as part of local governments; laws and regulations affecting the fire service; and fire nomenclature. During this class, problem-solving, decision-making and basic firefighting competencies will be practiced. Emergency Services topics will include patient assessment, CPR, AED, triage and scene management. HIPAA and OSHA standards, as well as written, verbal, and radio communications will be taught. Practical skills may include the proper use of basic equipment in the delivery of basic emergency care. Allied Health topics will include common medical terms and abbreviations, basic anatomy and physiology, and career exploration into an assortment of pre-hospital and hospital careers.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
FIRE 100 Principles of Emergency Services	4 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 4
FIRE 285 Fire Science Emergency Services	4 credits	▪ Determined by section

Course Location: CCRESA (St. Johns)

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. Careers include: athletic training, physical therapy, personal trainer, sports medicine, physician, physical education teacher, and many more! The introductory course in Kinesiology will examine the multiple aspects of physical education and Kinesiology as a discipline, major, and profession. Sub-disciplines and career options in the field, along with historical perspectives and current issues in physical education, will also be discussed.

The Athletic Training portion will be an overview of prevention, management, and rehabilitation of athletic injuries. Other topics will include legal implications for athletic training, first aid principles, and taping procedures. Students will also learn about healthy lifestyles and will be training in First Aid and CPR.

This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
PFHW 163 Healthy Lifestyles	2 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6
PFKN 170 Foundations of Kinesiology	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6
PFKN 210 Athletic Training Principals	3 credits	▪ Accuplacer Reading Level 5 ▪ Accuplacer Writing Level 6

Course Location: DeWitt High School

WELDING

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

Welding is the art and process of joining metal using a variety of tools and equipment. Students are instructed in the basics of welding processes. Welding is taught through lectures and hands on experiences. Common sense and safety are important qualities for students interested in welding.

Required clothing and safety equipment:

- ♦Safety glasses/goggles
- ♦Leather welding gloves
- ♦Heavy cotton work pants
- ♦welding coat
- ♦work boots
- ♦welding helmet that meets instructor approval

Characteristics of successful Welding Students:

- Good attendance and work habits
- Good communication skills
- Physical & Mental aptitude
- Good eye-hand coordination
- Positive attitude and interest in the welding industry

Students are required to adhere to dress, safety and grooming requirements commensurate with ensuring a safe working environment in the welding lab.

Course Topics may include, but are not limited to:

- Manufacturing Processes
- Safety Rules
- Oxyacetylene Processes
- Shielded Metal Arc Welding
- Gas Metal Arc Welding
- Blueprint Reading
- Metallurgy
- Testing & Inspection of welds
- Welding Codes: AWS D1.1-80
- Basic Electricity
- Related Processes
- Problem Solving
- Teamwork
- Welding Options
- Welding Certifications
- National Standards
- Gas Tungsten Arc Welding (Combination Welder)

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.
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:
  Basic operation techniques including:
  Excavator
  Bulldozer
  Front End Loader
  Backhoe
  Forklift
- Below grade construction
- Earthmoving Methods
- Soil compaction
- Introduction to Grades including:
  Site Preparation
  Site Grading Plans Overview and layout

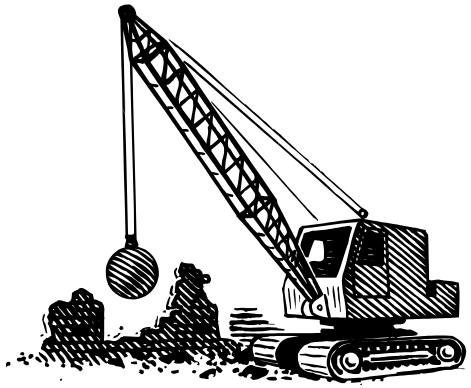
This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
AUTO 100 Automotive Service I	3 credits	▪ Accuplacer Reading Level 3 ▪ Accuplacer Writing Level 2 ▪ Accuplacer Math Level 3
HEOT 100 Equipment Introduction	5 credits	▪ Accuplacer Reading Level 3 ▪ Accuplacer Writing Level 2 ▪ Accuplacer Math Level 3

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



This course provides the opportunity for the following LCC Direct Credit:

LCC Credit	# of Credits	To be eligible to earn LCC credit, students must achieve:
AUTO 100 Automotive Service I	3 credits	▪ Accuplacer Reading Level 3 ▪ Accuplacer Writing Level 2 ▪ Accuplacer Math Level 3
HEOT 100 Equipment Introduction	5 credits	▪ Accuplacer Reading Level 3 ▪ Accuplacer Writing Level 2 ▪ Accuplacer Math Level 3

Course Location: AIS Construction Equipment Company

ASSESSMENT TESTS

The **PSAT 9** is administered to all freshman 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 1/2 % 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
  - Applied Math
  - Reading for information
  - Locating information
- M-STEP
  - Science
  - Social Studies

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

CAPITAL REGION TECHNICAL EARLY COLLEGE

The Capital Region Technical Early College is a high school-to-college program where students start in 11th grade and leave school in the 13th year with a college degree or certification. Most, if not all tuition costs is covered, and the program gives students lots of career-related experience. CRTEC is for those ready to pursue their goals who are ready to get started.
Clinton County RESA Career Connections, Eaton RESA career Preparation Center, and the Ingham ISD Wilson Talent Center are all part of the CRTEC initiative. Various program of study are available in each county. For information on available programs of study, please contact Jennifer Branch or Codie Lakin at 989-224-6831. SJHS students should contact their counselor if interested.

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 2018-2019 school year will be **Friday, April 26, 2019 @ 12:00 p.m.**

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 22, 2019.

Online Learning

Should the need arise, St. Johns High School offers students the opportunity to take online courses through a variety of providers. The application deadline is prior to the start of each trimester. The completed application must be submitted to the school counselor. Once approved, all enrollments are handled through the SJHS Student Services Office. Additionally:

- The request must align with student's Educational Development Plan (EDP) for grades 8 through 12.
- Student must possess the prerequisite knowledge and skills to be successful in the online course.
- Application will be denied if the student demonstrated failure in a previous online course.
- Student will be responsible for submitting Student Progress Report and Course Activity Scores Report to their counselor.
- In order for the cost of student's online course to be covered, the course will replace one of his/her regularly scheduled courses.
- Each student will be limited to two (2) online courses as part of their schedule per trimester.

A **Seat Time Waiver (STW)** will be required for any student who exceeds two online courses in any term. An additional application is required for approval for eligibility as a STW student. The counselor will assist the student and parents with the STW application process. The STW application must also be completed during registration prior to the start of any term.

Note: The student/family is responsible for providing full payment to SJPS for associated fees of a course that is dropped after the reimbursement date. Classes will not be added or dropped after the first week of the term when the course is taken.

NCAA ELGIBILITY CENTER QUICK REFERENCE GUIDE
Division I and II Initial-Eligibility Requirements

Core Courses

- **NCAA Divisions I and II require 16 core courses**. See the charts below.
- **Beginning August 1, 2016, NCAA Division I will require 10 core courses** to be completed **prior to the seventh semester** (seven of the 10 must be a combination of English, math or natural or physical science that meet the distribution requirements below). These 10 courses become "locked in" at the start of the seventh semester and cannot be retaken for grade improvement.

○ *Beginning August 1, 2016, it will be possible for a Division I college-bound student-athlete to still receive athletics aid and the ability to practice with the team if he or she fails to meet the 10 course requirement, but would not be able to compete.*

Test Scores

- **Division I** uses a sliding scale to match test scores and core grade-point averages (GPA). The sliding scale for those requirements is shown on Page No. 2 of this sheet.
- **Division II** requires a minimum SAT score of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: 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**

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 be used in the calculation of the core GPA. Use the list as a guide.
- **Division I** students enrolling full time **before August 1, 2016**, should use Sliding Scale A to determine eligibility to receive athletics aid, practice and competition during the first year.
- **Division I** GPA required to receive athletics aid and practice **on or after August 1, 2016,** is 2.000-2.299 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **Division I** GPA required to be eligible for competition **on or after August 1, 2016,** is 2.300 (corresponding test-score requirements are listed on Sliding Scale B on Page No. 2 of this sheet).
- **The Division II** core GPA requirement is a minimum of 2.000.
- Remember, the NCAA GPA is calculated using NCAA core courses only.

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).

DIVISION II

16 Core Courses

- 3 years of English.
- 2 years of mathematics (Algebra I or higher).
- 2 years of natural/physical science (1 year of lab if offered by high school).
- 3 years 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).

NCAA® Eligibility Center

For more information, visit the NCAA Eligibility Center website at www.eligibilitycenter.org

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.minationalguard.com

Michigan Army National Guard
3423 N. Martin Luther King Blvd.
Lansing, MI 48906
(517) 481-8100
www.minationalguard.com

FINANCIAL AID WEBSITES

www.fafsa.ed.gov
www.fafsa4caster.ed.gov
www.fastweb.com
www.federalstudentaid.ed.gov
www.finaid.org
www.fsapubs.org
www.michigan.gov/fyit
www.michigan.gov/osg
www.michigan.gov/mrs
www.micollegegoal.org
www.sjredwings.org
www.misaves.com
www.nasfaa.org
www.salliemae.com
www.scholarships.com
www.setwithmet.com
www.mi529advisor.com
www.studentaid.ed.gov
www.michigancap.org

COLLEGE/CAREER WEBSITES

www.actstudent.org
www.anycollege.com
www.bls.gov/oco
www.careercruising.org
www.careers.org
www.myroad.com
www.knowhow2gomichigan.org
www.collegeboard.com
www.michigan.gov/careers
www.myfuture.com
www.petersons.com
www.usnews.com
www.collegenavigator.ed.gov

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.fafsa.ed.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 or 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 March 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 Assistance

Scholarships – Nonrepayable awards based on merit or merit plus need
Grants – Nonrepayable 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.

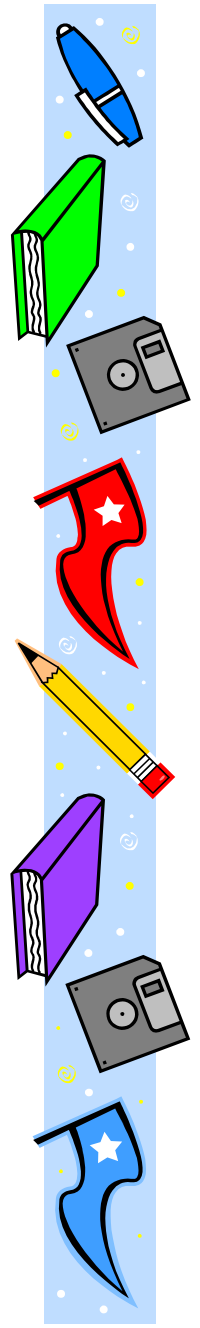
Work study programs – Jobs that allow students to earn money toward their expenses while they are enrolled in school. (Students can sometimes get jobs related to their program of study.)
Sources of financial assistance include the federal government, state agencies, professional and service organizations, 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 the Career Cruising program 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

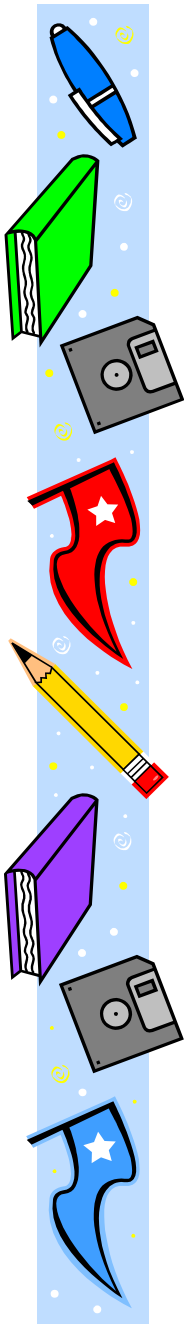
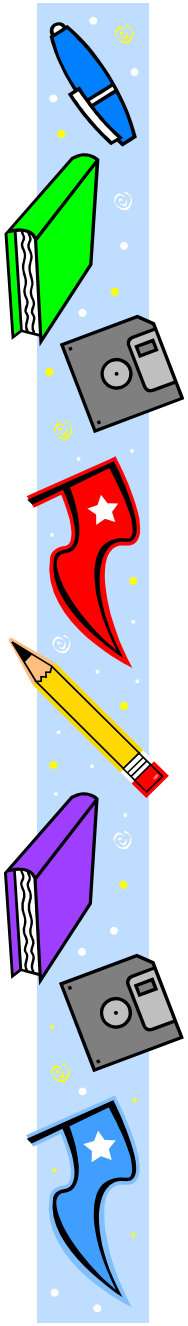
Directory of Michigan Two and Four Year Colleges and Universities

ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
2076	State of Michigan		www.michigan.gov/studentaid
9999	NCAA	877-262-1492	www.ncaa.org
1954	Adrian College	800-877-2246 x4327	www.adrian.edu
1956	Albion College	800-858-6770	www.albion.edu
1958	Alma College	800-321-ALMA	www.alma.edu
1960	Alpena Community College	989-356-9021 x229	www.alpenacc.org
1992	Andrews University	800-253-2874	www.andrews.edu
1962	Aquinas College	800-678-9593	www.aquinas .edu
1963	Ave Maria College	866-866-3030	www.avemaria.edu
1948	Baker College of Auburn Hills	888-429-0410	www.baker.edu
1957	Baker College of Cadillac	231-876-3100	www.baker.edu
5011	Baker College of Flint	800-964-4299	www.baker.edu
1997	Baker College of Jackson	888-343-3683	www.baker.edu
1945	Baker College of Clinton Twp.	586-791-6610	www.baker.edu
1957	Baker College of Muskegon	231-777-5200	www.baker.edu
6690	Baker College of Owosso	800-879-3797	www.baker.edu
1946	Baker College of Port Huron	810-985-7000	www.baker.edu
2071	Bay De Noc Community College	906-789-6900	www.bavdenoc.cc.mi.us
1968	Calvin College	800-688-0123	www.calvin.edu
1972	Central Michigan University	989-774-3076	www.cmich.edu
1996	Charles S. Mott Comm. College	810-762-0315	www.mcc.edu
1974	Cleary University	800-686-1883 x 6	www.cleary.edu
1989	College for Creative Studies	800-952-ARTS	www.ccscad.edu
1977	Concordia University	800-253-0681	www.cuaa.edu
2002	Cornerstone University	800-787-9779	http://admissions.cornerstone.edu
1981	Davenport Univ.-Midland	800-968-4861	www.davenport.edu
1981	Davenport Univ.-Dearborn	313-581-4401	www.davenport.edu
1981	Davenport Univ.-Grand Rapids	800-632-9569	www.davenport.edu
4773	Davenport Univ.-Kalamazoo	800-632-8928	www.davenport.edu
1984	Davenport Univ.-Lansing	800-686-1601	www.davenport.edu
1966	Delta College	989-686-9093	www.delta.edu
1990	Eastern Michigan University	734-487-3060	www.emich.edu



Directory of Michigan Two and Four Year Colleges and Universities

ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
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.cc.mi.us
2000	Gogebic Community College	906-932-4231 x207	www.gogebic.cc.mi.us
2001	Grace Bible College	800-968-1887	www.gbcol.edu
2004	Grand Rapids Community College	616-234-4100	www.grcc.edu
2005	Grand Valley State University	800-748-0246	www.gvsu.edu
2009	Great Lakes Christian College	800-937-4522	www.glcc.edu
1978	Great Lakes Maritime Academy	231-995-1200	www.nmc.edu/maritime
2006	Henry Ford Community College	313-845-9615	www.hfcc.net
2010	Hillsdale College	517-437-7341	www.hillsdale.edu
2012	Hope College	800-968-7850	www.hope.edu
2014	Jackson Community College	517-796-8425	www.jackson.cc.mi.us
2018	Kalamazoo College	800-253-3602	www.kzoo.edu
1964	Kellogg Community College	616-965-4153	www.kellogg.cc.mi.us
1983	Kendall College of Art & Design/Ferris St. Univ.	800-676-2787	www.kcad.edu
1998	Kettering University	800-955-4464 x7865	www.kettering.edu
2017	Kirtland Community College	989-275-5000 x284	www.kirtland.cc.mi.us
1976	Lake Michigan College	616-927-8107	www.lmc.cc.mi.us
2031	Lake Superior State University	888-800-LSSU x2231	www.lssu.edu
2019	Lansing Community College	517-483-1200	www.lcc.edu
2020	Lawrence Technological Univ.	248-204-3160	www.ltu.edu
2003	Lewis College of Business	313-862-6300 x230	www.lewiscollege.edu
2054	Macomb Community College	866-622-6624	www.macomb.edu
2022	Madonna University	734-432-5339	www.munet.edu
2024	Marygrove College	313-927-1240	www.marygrove.edu
2032	Michigan State University	517-355-8332	www.msu.edu
2030	Michigan Tech University	888-MTU-1885	www.mtu.edu



Directory of Michigan Two and Four Year Colleges and Universities			
ACT CODE	INSTITUTION NAME	ADMISSIONS	WEBSITE
1973	Mid Michigan Community College	989-386-6661	www.midmich.cc.mi.us
2039	Monroe County Comm. College	734-384-4104	www.monroe.cc.mi.us
2029	Montcalm Community College	989-328-1250	www.montcalm.cc.mi.us
2034	Muskegon Community College	231-777-0366	www.muskegon.cc.mi.us
2059	New Tribes Bible Institute	800-555-6824	www.ntbi.org
2037	North Central Michigan College	231-348-6626	www.ncmc.cc.mi.us
2038	Northern Michigan University	800-682-9797	www.nmu.edu
2041	Northwood University	800-457-7878	www.northwood.edu
2042	Olivet College	800-456-7189	www.olivetcollege.edu
2049	Reformed Bible College	616-988-3621	www.reformed.edu
2072	Rochester College	800-521-6010	www.rc.edu
2048	Sacred Heart Major Seminary	313-883-8500	www.archdioceseofdetroit.org
2057	Saginaw Valley State University	989-790-4200	www.svsu.edu
2053	Saint Mary's College	248-683-0528	www.stmarys.ols.edu
2052	Siena Heights University	517-264-7180	www.sienahts.edu
2046	St. Clair County Comm. College	810-989-5500	www.stclair.cc.mi.us
2070	Schoolcraft College	734-462-4426	www.schoolcraft.cc.mi.us
2055	Southwestern Michigan College	616-782-5113 x303	www.smc.cc.mi.us
2056	Spring Arbor University	800-968-0011	www.arbor.edu
2060	University of Detroit Mercy	313-993-1245	www.udmercy.edu
2062	University of Michigan-Ann Arbor	734-764-7433	www.umich.edu
2074	University of Michigan-Dearborn	313-593-5100	www.umd.umich.edu
2063	University of Michigan-Flint	810-762-3300	www.umflint.edu
2065	Walsh College-Clinton Twp.,	248-823-1610	www.walshcollege.edu
2067	Washtenaw Community College	734-973-3543	www.washtenaw.cc.mi.us
2068	Wayne County Comm. College	313-496-2600	www.wccc.edu
2064	Wayne State University	313-577-3577	www.wayne.edu
2066	Western Michigan University	616-387-2000	www.wmich.edu
2075	West Shore Community College	231-845-6211 x3117	www.westshore.cc.mi.us
1980	William Tyndale College	800-483-0707	www.williamtyndale.edu