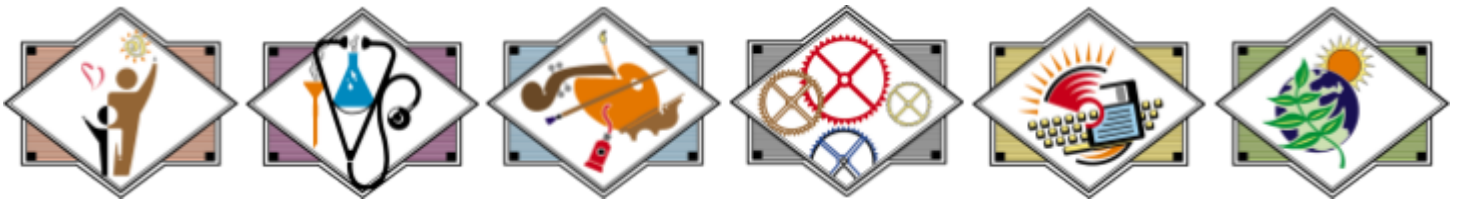


Onsted High School



Curriculum Guide & Career Pathways

2023-2024

ONSTED COMMUNITY SCHOOLS

10109 Slee Road Onsted, MI 49265

Phone (517) 467-2174 Fax (517) 467-5602

Administration

Steve Head

Superintendent

Board of Education

Keith Williams

President

Jason Terakedis

Vice President

Dave VanBrunt

Secretary

Alex Gast

Treasurer

Ryan Reynolds

Trustee

Heather Ruttkofsky

Trustee

Ryan Tessier

Trustee

ONSTED HIGH SCHOOL

(517) 467-2171

Administration

Tim Comden

Principal

Damien Hiram

Assistant Principal/Athletic Director

Mission Statement

The mission of Onsted Community Schools is to engage the community in providing a quality educational environment which promotes successful lifelong learning for our students, staff and community.

GUIDANCE OFFICE

Carrie Pennington, Counselor

Special Needs Program & LISD TECH Center Programs

Heather Kipke, Registrar

High School is a time for you to begin preparation for your future. The Guidance Counselors at Onsted High School are committed to helping you reach your educational and career goals. We provide guidance in the following areas:

EDUCATIONAL PLACEMENT:

Your counselor will be pleased to review your school records with you including results of your aptitude tests. They will also assist you in selecting the appropriate courses to help you plan your career goals.

CAREER GUIDANCE:

An abundance of career information is available in the Career Resource Center located in the Guidance Office. Your counselor encourages you to use the Center's materials to aid discussion of your career plans.

PERSONAL/SOCIAL COUNSELING:

The high school years are a time of tremendous growth and change in individuals. Often this time of change from childhood to adulthood has its tough moments. The Guidance Office provides a place where you can come for help with a personal problem or concern.

COURSE SELECTION PROCEDURE

The value of a student's high school education depends on how well the parent and student, in cooperation with the high school counselors, select the next year's courses. Please take the time to read the course descriptions, select the appropriate courses, and input the selections online using Infinite Campus.

In addition, you are urged to consider possible career plans when planning your class schedule. Career choice information is available in the Library and the Guidance Office. A career choice is one of the most important decisions in your life and selecting courses that will help you accomplish your career objectives is the way to make the most of your high school education.

Registration for classes begins early in the spring of the current year. The counselors will meet with you and review the subjects you have taken, credits you have earned and your career plans. Each student is encouraged to discuss their selection with their parents.

Parents are invited to make an appointment to participate in their son's or daughter's conference with his/her counselor. The guidance office telephone number is 517-467-2174, ext. 4226.

Courses described in this booklet may not be offered every semester and/or year.

SCHEDULE CHANGE PROCEDURE

It is hoped that great care will be given at that time in the selection of courses so as to avoid changes. If, however, a student must change their schedule, **an appointment to meet with the counselor must be made during the two weeks prior to the start of each semester.** Any student not available during that two-week period should notify the Guidance Office for special consideration. ***No changes in the schedule will be made after this time period.***



Onsted High School

Type of School

Comprehensive four-year public high school.
Grades nine through twelve.

Location

A residential community with a population of approximately 10,000 people located in the Irish Hills of Southeastern Michigan.

Enrollment and Staffing

406 students, 23 full-time teachers, all highly qualified in their teaching area, 39% hold a Master's Degree or above. Student/teacher ratio 20 to 1.

Curriculum

Over 80 courses in 10 departments. AP courses are offered in English, Mathematics, Social Studies, and Science.

School year includes 18-week semesters. All students must be enrolled in 7 academic classes each semester. All academic classes meet on a daily basis for 52 minutes each.

Graduation Requirements

26 credits are required to receive a diploma from Onsted High School.

All students must successfully complete the following courses:

4 credits in English (9, 10, 11, 12) 3 credits in Science
3.5 credits in Social Studies 4 credits in Math
.5 credit in General Phys. Ed. .5 credit in technology
1 credit in Fine, Performing, or Applied Art
2 credits in World Language (must be the same language)
.5 credit in Health

The remainder of the 26 credits consist of classes selected by the student, parents, and counselor depending on the student's abilities and future plans. Students are expected to attend semesters of high school to receive a diploma from Onsted High School.

4 Pt Grading System -Regular

A = 4.0	A- = 3.66	B+ = 3.33
B = 3.0	B- = 2.66	C+ = 2.33
C = 2.0	C- = 1.66	D+ = 1.33
D = 1.0	D- = 0.66	E = 0

Pluses and minuses are reflected on the transcript and in the cumulative GPA.

5 Pt Grading System (Weighted) AP Classes only

A = 5.0	A- = 4.58	B+ = 4.18
B = 3.75	B- = 3.33	C+ = 2.93
C = 2.5	C- = 2.08	D+ = 1.68
D = 1.25	D- = 0.83	E = 0

Testing Results

SAT - 86 Student(s) Tested (Spring, 2022)

Mean Score	915
Reading & Writing	467
Math	448

PSAT - 77 Students Tested (Fall, 2022)

Mean Score	861
Reading & Writing	441
Math	420

PSAT 9 - 95 Students Tested (Fall, 2022)

Mean Score	799
Reading & Writing	411
Math	388

College Enrollment

68% of the Class of 2022 enrolled in colleges, universities, or other institutions of higher learning.

2 yr. – 23% 4 yr. – 48%

SAT/ACT School Code 232-870

GENERAL INFORMATION

ARTICULATED COLLEGE CREDIT

You can earn college credit from Jackson College by successfully completing the following classes:
Advanced Desktop Publishing – 12 total credits possible.
Business Technology – 11 total credits possible.
Advanced Web Design – 1 total credit possible.

ATHLETIC DEPARTMENT

The Onsted Athletic Department recommends that all athletes take at least 7 classes each semester for high school eligibility purposes. NCAA Freshman-Eligibility Standards are located in Appendix A.

COLLEGE PREPARATORY CURRICULUM

The President's Council of State Colleges and Universities recommends:
Four years of English
Four years of Mathematics
Three years of Biological and Physical Science
Three years of History and Social Science
Two years of a World Language
Two years of Fine Arts
One year of Computer Literacy

DUAL ENROLLMENT

High school students who have maxed out the course opportunities at Onsted High School may take college courses during the fall and winter. Courses may be taken at an approved college/university, such as Adrian College, Jackson College and/or Siena Heights University. Partial fees and tuition will be paid by Onsted Community Schools. See appendix B for Dual Enrollment Qualifications.

INDEPENDENT STUDY

An independent study for any subject area must be approved through the instructor and the school administration. Credit may be obtained through an independent study depending on the decision at the time of approval.

LIFE SKILLS

Grades 9-12

Onsted High School's Life Skills Program is offered to students earning a certificate of completion. It is designed to provide students with the opportunity to learn and acquire skills that will assist them to become successful independent members of society. This program focuses on four areas: domestic (personal skills), vocational (employable skills), community (transportation and community sites), and recreation and leisure. Students will be receiving one-on-one as well as small group instruction. This program provides differentiated instruction to compliment the needs of each individual student.

NATIONAL HONOR SOCIETY

The National Honor Society is an organization under the sponsorship of the National Association of Secondary School Principals. It is a society that promotes appropriate recognition for students who reflect outstanding accomplishments in the areas of scholarship, character, leadership and service.

Membership in the National Honor Society is both an honor and a responsibility. It is granted only to those students selected by a faculty council which consists of five teachers. Membership is open to qualified juniors and seniors. The criteria for membership is: scholarship, character, leadership and service. The academic requirement is based upon the student's cumulative grade point average. The minimum GPA allowable is 3.5. Members must maintain the standards upon which they were selected.

NCAA FRESHMAN-ELIGIBILITY STANDARDS

On pages 10-12 those courses approved by the NCAA Clearinghouse are identified with an asterisk*. For additional information regarding NCAA eligibility refer to appendix A.

NON-DISCRIMINATION POLICY

It is the policy of the Onsted Community Schools that no person shall, on the basis of race, color, national origin, sex or handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity or in employment. A lack of English skills will not be a barrier to admission to any class or activity.

Any questions concerning Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of sex or inquiries related to Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap, should be directed to:

Superintendent
Onsted Community Schools
P.O. Box 220
Onsted, MI 49265
Phone: 517-467-2171

ONSTED ACADEMIC CLUB

To qualify for club membership and an award, student must meet the following criteria:

Section 1. Membership in the O.A.C. shall be based upon a **3.5 or higher GPA each semester of the previous school year** (a yearly cumulative average) with the exception of a student's senior year whereas the 1st semester only, will be calculated.

Section 2. For automatic consideration, all courses except school aides and drivers education will be calculated.

Section 3. At least 7 courses (4 for Tech Center students) must be from the OAC recommended class listing.

Section 4. Applications for Consideration will be accepted from students petitioning that other courses be considered.

Section 5. Each application will be handled on an individual basis and will not be considered to have set a precedent.

ONSTED ACADEMIC CLUB RECOMMENDED CLASS LISTING

BUSINESS/COMPUTERS	MATHEMATICS	SOCIAL STUDIES
Adv Desktop Publishing	Algebra I & II	American Government
Adv Web Design/Multimedia	Honors Algebra II	American History
Business Technology	Geometry	Current Events
Consumers Math	Trigonometry and Precalculus	World History
Desktop Publishing	AP Calculus	Economics
Personal Finance	AP Statistics	Psychology
Web Design/Multimedia	Real World Stats & Surveys	Sociology
ENGLISH		AP US Govt. & Pol.
American Literature	SCIENCE	AP US History
Advanced Placement Language	Biology	Monarchs Of Europe
College Composition	Physics	Michigan History
Creative Writing	Honors Chemistry	
English Explorations	AP Biology	ART
Theatrical Arts I	Principles of Bio Med	Advanced Design
World Literature	Intro to Engineering Design	Drawing I
	Principles of Engineering	Painting II
WORLD LANGUAGE	Human Body Systems	
French I, II, III	AP Chemistry	OTHER
Spanish I, II, III, IV, V	Medical Interventions	All A.P. Classes
	AP Physics	
	Chemistry	Health

SUMMER SCHOOL POLICY/CREDIT RECOVERY/PERSONAL ENRICHMENT

Onsted High School recognizes that in the course of a normal school year, some students may not be able to achieve a passing grade in core curriculum. In order for such students to graduate on time, credit recovery may be necessary. In these cases, students may choose to attend a summer school program in a school that offers in-class experiences or take online classes through an approved program. These courses, if successfully passed, will have the grade, the credit and the GPA added to their transcript.

Students who choose to accelerate their courses for the purpose of reaching the next level of academic challenge sooner may take summer school classes for the purpose of personal enrichment. These courses can also be taken at a school that offers in-class experiences or as online courses from approved programs. For personal enrichment classes, the class and the grade earned may be posted to the transcript.

TOTAL INCLUSION

Grades 9-12

Onsted High School's Total Inclusion Program schedules students with an IEP into all general education classes in which they earn the required credits towards graduating with a high school diploma. Students will receive extra help and assistance, in those classes affected by their disability, through the help and guidance of the special needs staff. Students with an IEP have the opportunity to earn an elective credit by being scheduled in an Academic Lab class. This class time is designed to allow students to bring their work from other classes and get help from the inclusion staff on assignments. Improving organizational skills, along with study skills and time management will also be incorporated into the Academic Lab class.

TRANSFER STUDENT CREDIT

Credit for subjects taken at another school will be granted if they are subjects which the Onsted Board of Education has approved for our system or subjects which would be equivalent in the judgment of the counselor. Onsted High School accepts weighted grades in A.P. classes only. For a student transferring within the first eight weeks of the trimester, Onsted High School will award credit providing the student is officially enrolled, attending classes, and the previous school forwards grades to cover the period. For students who transfer after this time, it will be necessary that the credit be awarded by the previous school although Onsted High School will agree to administer the final examination and forward the concluding grades.

GRADUATION REQUIREMENTS

All students are required to satisfactorily complete a program of study comprised of the following:

<u>Area</u>	<u># of Credits</u>
English	4.0
English Explorations (1 credit) or Language Arts (1 credit)	
American Literature (1 credit)	
Composition, College Composition, World Literature, AP Language, Communication Arts (1 credit each)	
Social Studies	3.5
American History (1 credit)	
World History (1 credit)	
Economics (.5 credit)	
Government (.5 credit)	
Elective credits (.5 credit)	
Mathematics (Students must take 1 credit of math per year in the High School)	4.0
Algebra I or successful completion of 8 th grade Algebra I (1 credit)	
Geometry (1 credit)	
Algebra II (1 credit)	
Elective credit (1 credit) which includes Consumers Math, Accounting, Principles of Engineering, Trigonometry/PreCalc, AP Calculus, Personal Finance, and math related Tech Center courses.	
Science	3.0
Biology (1 credit)	
Chemistry (1 credit)	
Physics (1 credit)	
*Students may opt to take a career pathway of Biomedical Sciences or Engineering. In this situation, a student may replace Chemistry OR Physics with a PLTW career pathway course. See Science department flow chart (appendix G) for more information.	
Computer Technology	0.5
General Physical Education	0.5
Health	0.5
Visual, Performing and Applied Art	1.0
All Music classes, all Art classes, Design Studio, Desktop Publishing, Web Design, Journalism, Theatrical Arts, specific LISD Tech Center courses, Intro to Engineering Design, Principles of Biomed, Human Body Systems, and Yearbook.	
World Language	2.0
Students must take 2 years of the same world language.	
Total number of required core credits	19.0
Number of elective credits needed	7.0
TOTAL CREDITS NEEDED TO GRADUATE	26.0

In order to participate in Commencement exercises, students must have completed all graduation requirements including eight semesters of high school attendance prior to the date of graduation. Any exceptions to this will be subject to approval by the Onsted Board of Education. Principals shall certify the eligibility of each student prior to the issuance of a diploma.

FOUR-YEAR CAREER PLAN WORKSHEET

Name _____ Date _____

Career Pathway _____ Career Goal _____

9 th	credit	10 th	credit	11 th	credit	12 th	credit
English Explorations		American Literature		World Literature		English	
American History		Economics Government		World History		SS elective	
Math		Math		Math		Math	
Biology		Physics, Chemistry, PBS, IED		Physics, Chemistry, PBS, IED			

These core requirements must be taken before graduation:

- Computer Technology [Requirement: .5 credit]
- General Physical Education [Requirement: .5 credit]
- Health [Requirement: .5 credit]
- Same World Language [Requirement: 2 years]
- Visual Performing Arts Credit [Requirement: 1 credit]

TIMELINES

Students should work closely with their parents, teachers and counselors to follow the suggestions outlined below. For additional help, students and parents are encouraged to contact their guidance counselor.

9th GRADE

- Students will take the PSAT.
- Select classes that match your career interest.
- Learn about the extracurricular activities you can become involved in.
- Work to your academic potential. Remember, your grades and attendance become a part of your permanent record.
- Make daily attendance a priority!
- Discuss your future goals with your counselor.
- Update your Educational Development Plan (EDP) in the spring.
- Investigate summer enrichment programs.
- Athletes should learn the NCAA academic eligibility requirements and take classes to meet them.

10th GRADE

- Students will take the PSAT.
- Visit career and college fairs.
- Think about your post-secondary options – apprenticeships, technical school and college.
- Keep your grades up so you can have the highest GPA and class rank possible.
- Look at challenging course options for your junior year including higher levels of math, science and English.
- Attend the Sophomore Visitation at the Career/Technical Center and consider a class for next year.
- Be sure you have a social security number.
- Update your Educational Development Plan (EDP) in the spring.
- Investigate summer enrichment/employment opportunities.
- Athletes should learn the NCAA academic eligibility requirements and take classes to meet them.

11th GRADE

- Students will take state testing, including the SAT.
- Students planning to attend college should take the PSAT/NMSQT in October.
- Attend the College/Trade and Tech Night in the fall.
- Speak with representatives from post-secondary schools who visit the high school.
- Find out the entry requirements for post-secondary schools and select your classes to meet those requirements.
- Update your Educational Development Plan (EDP) in the spring.
- Find extracurricular activities to become involved in.
- Find a volunteer opportunity in a career field that interests you.
- If you plan to continue your education after graduation, visit the campuses of your top three secondary schools.
- Students not planning to attend a post-secondary school should investigate the job market, military opportunities, or apprenticeship programs.
- Athletes should learn the NCAA academic eligibility requirements and take classes to meet them.

12th GRADE

- Continue to work on your grades and extracurricular activities. Make sure you have the courses required for graduation. Meet with your counselor to review requirements and post-secondary plans.
- Retake the ACT or SAT if necessary.
- Athletes planning to compete at a Division I or II college, should file a NCAA Clearinghouse form at the beginning of their senior year.
- Check regularly in the Counseling Office for new scholarship information.
- Obtain applications from the counselor, by mail, or via the internet from post-secondary schools that interest you. Complete and mail them before Thanksgiving. Make sure you apply to at least one school you can afford and where you will be accepted.
- Attend the Financial Aid Night for information on applying for aid.
- Complete the FAFSA application online by the February due date.
- Review your EDP to see if there is anything more you can add. Use the information to build a resume.
- Complete local scholarship applications in March.
- Compare financial aid packages from post-secondary schools to which you have been accepted. Send a deposit to your best choice.
- Maintain good attendance and grades.
- Congratulations! You are about to begin the greatest adventure of your life. Good luck!

COURSE OFFERINGS 2023-2024

***Denotes NCAA Freshman Eligibility Courses**

ART DEPARTMENT

Basic Design	9, 10, 11, 12	1 semester
Advanced Design	9, 10, 11, 12	1 semester
Ceramics I	10, 11, 12	1 semester
Ceramics II	10, 11, 12	1 semester
Drawing I	9, 10, 11, 12	1 semester
Drawing II	10, 11, 12	1 semester
Sculpture	10, 11, 12	1 semester
Painting I	10, 11, 12	1 semester
Painting II	10, 11, 12	1 semester

BUSINESS & COMPUTER EDUCATION DEPARTMENTS

Business Technology	9, 10, 11, 12	1 semester
Desktop Publishing/Graphics	9, 10, 11, 12	2 semesters
Advanced Desktop Publishing	10, 11, 12	2 semesters
Web Design/Multimedia	9, 10, 11, 12	2 semesters
Advanced Web Design	10, 11, 12	2 semesters
Computer Science Principles A & B	10, 11, 12	2 semesters

ENGLISH DEPARTMENT

English Explorations A & B*	9	2 semesters
American Literature A & B*	10	2 semesters
Basic Composition A & B	11	2 semesters
College Composition A & B*	12	2 semesters
World Literature A & B*	11	2 semesters
AP Language & Composition (On-Site)*	11, 12	2 semesters
Communication Arts A & B	12	2 semesters
Creative Writing*	9, 10, 11, 12	1 semester
Literature Through Film A & B	10, 11, 12	1 semester
Popular Literature	9, 10, 11, 12	1 semester
Theatrical Arts	10, 11, 12	1 semester

FAMILY & CONSUMER SCIENCE DEPARTMENT

Child Development	10, 11, 12	1 semester
Design Studio I	9,10,11,12	1 semester
Design Studio II	9, 10, 11, 12	1 semester
Health	9, 10, 11, 12	1 semester
Nutrition	9, 10, 11, 12	1 semester
Stress Management	10,11,12	1 semester

WORLD LANGUAGE DEPARTMENT

French I*	9, 10, 11, 12	2 semesters
French II*	9, 10, 11, 12	2 semesters
French III*	10, 11, 12	2 semesters
Spanish I A & B*	9, 10, 11, 12	2 semesters
Spanish II A & B*	9, 10, 11, 12	2 semesters
Spanish III A & B*	10, 11, 12	2 semesters
Spanish IV A & B*	11, 12	2 semesters

MATHEMATICS DEPARTMENT

Algebra I A & B*	9, 10, 11, 12	2 semesters
Geometry A & B*	9, 10, 11, 12	2 semesters
Algebra II A & B*	10, 11, 12	2 semesters
Honors Algebra II A & B*	10, 11, 12	2 semesters
Trigonometry and Precalculus A & B*	11, 12	2 semesters
AP Calculus*	11, 12	2 semesters
AP Statistics*	11, 12	2 semesters
General Algebra II A & B	11, 12	2 semesters
Consumers Math	12	1 semester
Personal Finance	12	1 semester

MUSIC DEPARTMENT

Beginning Guitar	9, 10, 11, 12	2 semesters
High School Band	9, 10, 11, 12	2 semesters
High School Choir	9, 10, 11, 12	2 semesters
Jazz/Chamber Ensemble	9, 10, 11, 12	1 semester
Music Composition	9, 10, 11, 12	1 semester
Uckele & Bucket Drumming	9, 10, 11, 12	1 semester

OTHER

Yearbook	9, 10, 11, 12	2 semesters
Online Learning	9, 10, 11, 12	1 semester
LINK	11, 12	2 semesters
Leadership	11, 12	1 semester

PHYSICAL EDUCATION DEPARTMENT

General Physical Education	9, 10, 11, 12	1 semester
Sports Activities A & B	11, 12	1 semester
Co-Ed Weights & Agility A & B	10, 11, 12	1 semester
Boys Wildcat Strength & Cond. A & B	10, 11, 12	1 semester
Female Wildcat Strength & Cond. A & B	9, 10, 11, 12	1 semester

SCIENCE DEPARTMENT

Biology A & B*	9	2 semesters
Introduction to Engineering Design (IED)	9, 10, 11, 12	2 semesters
Principles of Biomedical Science (PBS)	9, 10, 11, 12	2 semesters
Physics A & B*	10, 11	2 semesters
Principles of Engineering	10, 11, 12	2 semesters
Human Body Systems	10, 11, 12	2 semesters
Chemistry A & B*	10, 11	2 semesters
Honors Chemistry*	10, 11, 12	2 semesters
AP Biology*	11, 12	2 semesters
AP Chemistry*	11, 12	2 semesters
Medical Interventions	11, 12	2 semesters
Science Through Literature & Film	11, 12	2 Semesters
AP Physics A & B	11, 12	2 Semesters

SOCIAL STUDIES DEPARTMENT

World History A & B*	11	2 semesters
American History A & B*	9	2 semesters
American Government*	10, 11	1 semester
Economics	11	1 semester
Current Events*	10, 11, 12	1 semester
Sociology*	10, 11, 12	1 semester
AP U.S. History*	11, 12	2 semesters
AP US Government and Politics A & B*	10, 11, 12	2 semesters
Psychology A & B*	11, 12	2 semesters
World Geography	11, 12	1 semester
Michigan History	11, 12	1 semester
Historical Popular Culture	9, 10, 11, 12	1 semester
History Through Film	10, 11, 12	1 semester

*Denotes NCAA Freshman Eligibility Courses

ART DEPARTMENT (See flow chart in the Appendix)

ADVANCED DESIGN

1 semester

.5 credit

9-12

Prerequisite: Basic Design

As a continuation of Basic Design, students will develop a deeper understanding of the principles and elements of art and design and will create new and more in-depth projects using them. Students will also learn about 2-Dimensional artists and will recreate a work by an artist of their choice.

BASIC DESIGN

1 semester

.5 credit

9-12

Prerequisite: None

An introductory course in design in which the student will learn about the language of visual art. A variety of two-dimensional and three-dimensional projects will be explored. The elements and principles of design will be applied to all projects within this course. Each student will learn to use the visual arts to express feelings and communicate ideas to make judgments about art.

CERAMICS I

1 semester

.5 credit

10-12

Prerequisite: Basic Design

An introduction to ceramics. We will be working with different types of clay. We will explore the hand built methods of pinch, coil and slab. We will also create projects on the potter's wheel. With each project, we will experiment with different clay finishes.

CERAMICS II

1 semester

.5 credit

10-12

Prerequisite: Ceramics I

An advanced class in ceramics. We will create advanced projects with pinching, coiling, and slab techniques as well as throwing on the potter's wheel. We will learn additional decoration techniques as well.

DRAWING I

1 semester

.5 credit

9-12

Prerequisite: Basic Design

An introduction to drawing. We will be working with the gray scale and how to shade with a gradation of values. We will be covering geometric shapes, still life, landscapes, perspective, portraits, and figures. We will be using a variety of media including pencil, charcoal, and pastels.

DRAWING II

1 semester

.5 credit

10-12

Prerequisite: Drawing I

An advanced class in drawing. This class is a continuation of Drawing I. We will be working on large drawings in a variety of media including pencil, charcoal, and pastels. We will be doing work with portraits and figures and several direct observation pieces.

PAINTING I

1 semester

.5 credit

10-12

Recommended: Drawing I

An introduction to painting. We will be studying color theory and the use of tints and shades. We will explore a variety of painting styles and techniques. The media used in this class is watercolor, tempera, and acrylics.

PAINTING II

1 semester

.5 credit

10-12

Prerequisite: Painting I

An advanced class in painting. We will study the history of art and how it affects our work today. We will be working on large paintings in a variety of media including watercolor, tempera, and acrylics. Some of our paintings will be created on canvas.

SCULPTURE

1 semester

.5 credit

10-12

Prerequisite: Basic Design

An introduction to three dimensional art techniques. A variety of sculpture media will be explored while using construction, carving, and relief methods. We will be using a variety of media including paper, cardboard, packaging tape, foam, plaster, and wire.

BUSINESS & COMPUTER EDUCATION DEPARTMENTS (See flow chart in the Appendix)

ADVANCED DESKTOP PUBLISHING A & B

2 semesters

1 credit

10-12

Prerequisite: Desktop Publishing

This class provides an opportunity for students to further enhance the skills they learned in Desktop Publishing. It will provide advanced techniques in layout design. Students will work on projects requested throughout the district and community including (but not limited to) a high school newsletter, brochures, advertising projects, sports programs and handbooks. Students will develop a portfolio that they will be able to use in the working world or for further education.

ADVANCED WEB DESIGN A & B

2 semesters

1 credit

10-12

Prerequisite: Web Design

This course is for all students who have taken the Web Design/Multimedia course and desire to learn the advanced features of creating web pages using Macromedia Studio. HTML, Java, advanced animation and creating/editing videos will also be included. One of the key objectives to this course will be creating and/or maintaining the school website. Articulated with JCC & replaces course CIS 045.

BUSINESS TECHNOLOGY

1 semester

.5 credit

9-12

Prerequisite: None

This class is designed to provide the student with individualized instruction that combines business applications with computer skills. This class emphasizes skills that are necessary for both the college student and/or anyone entering the job market. The class aids students in the development of language skills, work habits and attitudes important to success in today's workforce. Emerging new technology will be introduced. There is also extensive learning in word processing, database, spreadsheet and presentation applications using Microsoft Office and other computer programs. Articulated with JCC & replaces courses CIS 119, 120, 121 & 122.

COMPUTER SCIENCE PRINCIPLES A&B

2 semesters

1 credit

10-12

Prerequisite: None

This course is designed to prepare students who are new to computer science. The course covers many topics including the internet, big data, privacy, security, programming, and algorithms. Virtual volunteers and guest speakers.

DESKTOP PUBLISHING/GRAPHICS A & B

2 semesters

1 credit

9-12

Prerequisite: None

Students can join the exciting world of desktop publishing by learning Adobe InDesign, Photoshop, Illustrator and more! Students will be using the latest computer techniques and peripherals to design the layout for such items as magazine covers, business cards, stationery, brochures, comic strips, newsletters, posters and many other DTP publications. Using the digital camera, scanner and drawing tablets to manipulate graphics will also be emphasized in this class.

WEB DESIGN/MULTIMEDIA A & B

2 semesters

1 credit

9-12

Prerequisite: None

This class is a multimedia class that focuses on graphic creation, animation, and web design. Learn to create web graphics, animation and web pages using industry standard software such as Macromedia Fireworks, Flash, Dreamweaver and Freehand. The digital camera, scanner and other medial necessary to create a web page are also included in this class.

ENGLISH DEPARTMENT (See flow chart in the Appendix)

<u>ADVANCED PLACEMENT LANGUAGE & COMPOSITION</u>	2 semesters	1 credit	11-12
<i>Prerequisite: American Literature A & B, or College Comp, with a B, and a teacher recommendation.</i>			
An AP English Language and Composition course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The reading and writing students do in the course should deepen and expand their understanding of how written language functions rhetorically: to communicate writers' intentions and elicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres. Students in this course may choose to take the AP College Board testing in the Spring.			
<u>AMERICAN LITERATURE A & B</u>	2 semesters	1 credit	10
<i>Prerequisite: Successful completion of English Explorations</i>			
This is a required English course, following English Explorations. Emphasis will be on how literature has influenced the individual and society, as well as how literature reflects changes in American society. Instruction will focus on literary movement characteristics and non-fiction writing.			
<u>COLLEGE COMPOSITION A & B</u>	2 semesters	1 credit	12
<i>Prerequisite: a score of C, in American Lit and teacher recommendation.</i>			
This course is recommended for college-bound students with the purpose of providing an understanding of the kinds of writing students will be doing most frequently in their college studies. Strong emphasis is placed on developing vocabulary, as well as, critical and analytical thinking and writing skills.			
<u>COMMUNICATION ARTS A & B</u>	2 semesters	1 credit	12
<i>Prerequisite: Completion of Basic Composition as a junior.</i>			
This course is NOT recommended for college-bound or NCAA students. This course is designed to increase a senior's abilities in language development, particularly in the area of communicating effectively through writing and speaking. In this course students will develop writing skills that will take them beyond high school directly into the job market and into their roles as consumers. Emphasis will be placed on informational reading and personal, career and courtesy writing skills. Creativity through informal writing will be developed through studies of propaganda, advertising and marketing, and social media.			
<u>BASIC COMPOSITION A & B</u>	2 semesters	1 credit	11
<i>Prerequisite: a score of a C- in American Lit and teacher recommendation.</i>			
The goal is to continue to reinforce and build a solid foundation of knowledge, and skills. Students will read various classic and contemporary narrative and informational texts. They will build a context for change in their lives and develop realistic plans for the future.			
<u>ENGLISH EXPLORATIONS A & B</u>	2 semesters	1 credit	9
This is a required course for all freshmen students. Learning focuses on the process of writing and the study of literature in the form of short stories, essays, poetry, novels and drama.			
<u>WORLD LITERATURE A & B</u>	2 semesters	1 credit	11-12
<i>Prerequisite: College bound class by teacher recommendation.</i>			
This course combines mythology, poetry, essays, and stories from around the world. It takes students through some of the most well-known and most frequently alluded to literature of all time. Emphasis is on world cultures and religions that impact literature throughout the ages. The course is generally considered a basic study for those students who are college bound. Strong independent reading skills are required.			

GENERAL ELECTIVE CREDITS

The following classes will not be counted toward the English graduation requirements. They are offered for the students with particular interest in the topics specified as general electives because they do not cover all of the state of Michigan Curriculum benchmarks nor the national Common Core Curriculum.

CREATIVE WRITING

1 semester

.5 credit

10-12

Prerequisite: None

Elective Credit

This is an elective class designed to encourage enthusiasm for writing. The course will provide the opportunity for students to develop their creative writing abilities through many genres such as poetry, autobiographies, fiction, nonfiction and drama. Students will emphasize a balance between creativity and communication in addition to expanding the writer's voice and style. Publication will be encouraged.

LITERATURE THROUGH FILM

1 semester

.5 credit

10-12

This course is designed to familiarize students with literature and film genres, terminology and techniques. Socratic Seminars and class discussions will center around themes and historical events relevant to the cultural and social settings of select works. While much of the course will focus on literature pieces and their film counterparts, other mediums of communication (ie: one-way audio, public speaking, social media, radio, etc.) may be studied as well.

THEATRICAL ARTS

1 semester

.5 credit

10-12

Prerequisite: None

This class does meet the state requirements for an Applied Arts credit. This class will provide an introduction to the theatrical world through study of the history of theatre and related areas, such as acting techniques, costuming, make-up, set creation, and directing. Reading of dramas and role-playing are also emphasized.

POPULAR LITERATURE

1 semester

.5 credit

10-12

Prerequisite: None

Elective Credit

Popular literature is a one semester long course given in the fall that uses popular books to help students improve reading and writing skills. In this course, students will explore multiple ways to find books of interest to you and read them individually, with a partner and/or in small groups. Class time will be spent reading, discussing, and working on writing, multimedia and presentation skills to share what is being read across the class. In addition, students will keep vocabulary lists and monitor progress on self-selected reading goals.

FAMILY & CONSUMER SCIENCE DEPARTMENT

CHILD DEVELOPMENT

1 semester

.5 credit

10-12

Prerequisite: None

Child Development offers the opportunity to develop a positive understanding of the development and care of children. This class focuses on reproduction, labor and delivery, caregiving skills, areas of development, health and safety issues, learning strategies and guidance techniques. Students will observe and interact with school-aged children and apply parenting skills. This course is very beneficial for future parents and students interested in careers involving education, social work, medical and child care centers.

DESIGN STUDIO I

1 semester

.5 credit

9-12

Prerequisite: None

(Visual, Performing and Applied Arts Credit or Elective Credit)

This course teaches students about fabric, design and creating projects that incorporate the elements and principles of design. Students are able to choose their path of study and projects which include interior design, clothing construction and design, needle arts, foundation paper piecing, quilting, etc. If interested in learning careers using these skills or for personal gain, this class is for you.

DESIGN STUDIO II

1 semester

.5 credit

9-12

Prerequisite: Design Studio I

(Visual, Performing and Applied Arts Credit or Elective Credit)

Continue to design learning studio techniques by applying the elements and principles. Students will be given creative problems to solve and will collaborate with the teacher and fellow classmates to find the best solution. More independent study of the design area of students choice.

HEALTH

1 semester

.5 credit

9-12

Prerequisite: None

Graduation Requirement

This is a required course for graduation. Health components covered during this course will address daily and lifelong choices dealing with wellness, nutrition, healthy relationships, reproductive health, sexually transmitted infections, laws that affect teens, drugs, first aid, communicable and non-communicable diseases. The students will be trained in Hands-Only CPR. Emphasis will be on awareness, safety, maintenance, prevention, treatment and making well informed choices. **It is highly recommended that students take this class in their freshman year.**

NUTRITION

1 semester

.5 credit

9-12

Prerequisite: None

Students will develop an understanding of the role of nutrition and apply their knowledge and skills focusing on healthy choices. Students will explore nutrients, what influences our food choices, food safety, food additives, weight management, digestive and eating disorders. Projects include a personal diet analysis, menu planning, reporting on nutrition articles and experiments.

STRESS MANAGEMENT

1 semester

.5 credit

10-12

Prerequisite: Health

Achieving a healthy mind and body begins with understanding how to balance the demands of life. This course focuses on learning how to identify sources and symptoms of stress while learning to cope with the daily demands of a student. The focus will be to practice skills and positive strategies to manage stress and applying them to improve your well-being. Other topics include studying the relationship between stress and personality; how stress affects the body; organizational skills; mindfulness; exercise; communication; healthy relationships; and dealing with loss. Daily active participation is required.

WORLD LANGUAGE DEPARTMENT

FRENCH I A & B

2 semesters

1 credit

9-12

Prerequisite: None

This course introduces the student to French cultures around the world and basic language skills through listening, reading, speaking, and writing activities. Individual and group projects will reinforce the various language skills and culture elements.

FRENCH II A & B

2 semesters

1 credit

9-12

Prerequisite: Successful completion of French I

This course offers the student further practice in the skills attained in French I. It includes more complex grammar concepts, reading segments, and writing activities. Oral participation is greatly stressed through a variety of individual and group activities. Individual and group projects will reinforce the various language skills and culture elements.

FRENCH III A & B

2 semesters

1 credit

10-12

Prerequisite: Successful completion of French II

Students will thoroughly study grammar, particularly verb tenses and their applications. This course will reinforce the language skills attained in French I and French II. This course will be conducted mostly in French to encourage further development of speaking and listening abilities. Various French poems and literature pieces will also be introduced.

SPANISH I A & B

2 semesters

1 credit

9-12

Prerequisite: None

As an introductory course to the Spanish language it will be conducted in English and Spanish. Students will participate in activities to develop their communication, listening, reading, and writing skills in simple Spanish contexts. Students will be engaged in cultural and geographical activities.

SPANISH II A & B

2 semesters

1 credit

9-12

Prerequisite: Successful completion of Spanish I.

This course is conducted in both Spanish and English, transitioning to Spanish. In the course, students will participate in activities to further develop their skills in communication, listening, reading and writing. It will engage students expanding their knowledge of Geography, History, and culture.

SPANISH III A & B

2 semesters

1 credit

10-12

Prerequisite: Successful completion of Spanish II.

This course is conducted in Spanish with minimal English used. It will review grammar from Spanish I and II as it introduces advanced grammar in context with themed units. This course will further develop skills in communication, listening, reading, and writing. Students will engage in activities that focus on Geography, History, Literature and culture.

SPANISH IV A & B

2 semesters

1 credit

11-12

Prerequisite: Successful completion of Spanish III

This is an advanced course conducted entirely in Spanish to prepare students for AP Spanish. It will further develop skills in comprehension focused on communication, listening, reading and writing in more complex situations. This course will review grammar in context connecting it to History, Geography, Literature and culture.

SPANISH V A & B

2 semesters

1 credit

12

Prerequisite: Successful completion of Spanish IV and teacher approval.

As an advanced course, it is taught entirely in Spanish to prepare students for AP Spanish. It promotes communication, listening, reading, and writing in Spanish. This course will engage students in an exploration of culture, History, Geography, and Literature with the focus on language proficiency. Students will continue to learn the language in context and to convey meaning.

MATHEMATICS DEPARTMENT (See flow chart in the Appendix)

ALGEBRA I A & B

2 semesters

1 credit

9-12

This course emphasizes the use of integers, probability, statistics, linear equations and inequalities, polynomials, factoring, operations with algebraic fractions, graphing, systems of equations and further development of problem solving skills in real world situations.

ALGEBRA II A & B

2 semesters

1 credit

10-12

Prerequisite: Must pass Geometry I A & B.

This course will cover the common core Algebra II curriculum. It continues the development of problem solving skills acquired in Algebra I: operations with positive and negative numbers, solving systems of equations, working with polynomials, inequalities and algebraic fractions. There is further development of the concept of a function: linear, quadratic, exponential, logarithmic and trigonometric. Also included is the introduction of sequences, series, and complex numbers.

CONSUMERS MATH

1 semester

.5 credit

12

Prerequisite: Must pass Algebra II

This course is designed to help you become financially literate. You will learn how to use math in everyday business and personal situations.

GEOMETRY A & B

2 semesters

1 credit

9-12

Prerequisite: Must pass Algebra I A & B.

This course investigates the geometric properties of points, lines, planes and other two-dimensional figures while emphasizing their relationship to transformations and deductive proofs. Properties of three-dimensional figures are investigated as well as construction techniques, logic and basic trigonometry.

HONORS ALGEBRA II A & B

2 semesters

1 credit

10-12

(Recommended course to continue on to Pre-Calc.)

Prerequisite: Must pass Geometry A & B.

This course will better prepare you for the rigor of Pre-Calc. The course description is the same as above, but also includes a greater depth of content, with additional critical thinking activities.

PRE-ALGEBRA A & B

2 semesters

1 credit

9

This class will review the basic operations of arithmetic on whole numbers, fractions and decimals. These operations will be used in dealing with ratio, proportions, percent, simple geometry and algebra. As students master these basic concepts, they will move into basic algebra. Students will be expected to understand basic operations with integers, rational numbers, irrational, and real numbers; the use of variables; properties of numbers and of equality; solving equations and inequalities; problem solving; relations and functions; and polynomials.

TRIGONOMETRY AND PRECALCULUS A & B

2 semesters

1 credit

11, 12

Prerequisite: Algebra 2 or teacher recommendation. Must pass Trigonometry and Precalculus A to take Trigonometry and Precalculus B

This course is designed to prepare students for the study of calculus by continuing the investigation of linear, rational, exponential, logarithmic, and trigonometric functions and their relationship to real situations. Further development of systems of equations and inequalities, matrices, determinants, sequences, series and analytic geometry will be provided, along with the study of complex numbers and polar graphing.

ADVANCED PLACEMENT CALCULUS

2 semesters

1 credit

11, 12

Prerequisite: Must pass Trigonometry and Precalculus

This is the equivalent of an introductory, one-semester college-level Calculus course. It is designed to prepare students for an AP Exam in Calculus AB. The course teaches students to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students learn to use and clearly communicate mathematical reasoning, and to translate between English and the language of math. Students often will be called upon to evaluate the soundness of proposed solutions rather than simply get the right answer. Students will need a graphing calculator. Students are encouraged to take the AP Calculus AB test.

ADVANCED PLACEMENT STATISTICS**2 semesters****1 credit****11, 12***Prerequisite: Must pass Trigonometry and Precalculus*

This is the equivalent of a non-calculus based introductory college course designed around the College Board curriculum requirements that will prepare students for the AP Exam in Statistics. Students will have a hands-on experience collecting, analyzing, graphing, and interpreting real-world data. Students will develop skills in effectively designing and analyzing research studies by reviewing and evaluating real world research examples that affect their daily lives.

REAL WORLD STATS & SURVEYS**2 semesters****1 credit****11, 12***Prerequisite: Must pass Algebra I. Must pass Geometry.*

After taking this course, students will have a better understanding of how to interpret, calculate, and graph statistics, whether to win an argument with friends or to ace a class project. By communicating statistical and data-based results to their peers, students will learn how best to organize, explain, and justify their research. For example, previous student-created projects have included the comparison between time spent on Facebook and body weight, the association between race and the death penalty, and the importance of exercise on preventing heart disease.

PERSONAL FINANCE**1 semester****.5 credit****11-12***Prerequisite: None (Meets .5 credit of senior math requirement if taken in senior year or Elective Credit)*

This course will focus on preparing students for life beyond high school in studying financial literacy. Students will work on career exploration, the college application process and alternatives to college, as well as a concentration on behavioral finance; saving; managing checking accounts; budgeting; types of credit; managing credit; filing income taxes; and wealth management.

GENERAL ALGEBRA II A & B**2 semesters****1 credit****11-12***Prerequisite: None (Must pass Algebra I A & B, Geometry A & B. Must have teacher recommendation or D or lower in Geometry)*

This course will cover the common core Algebra II curriculum. It continues the development of problem solving skills acquired in Algebra I: operations with positive and negative numbers, solving systems of equations, working with polynomials, inequalities and algebraic fractions. There is further development of the concept of a function: linear quadratic, exponential, logarithmic, and trigonometric. Also included is the introduction of sequences, series, and complex numbers.

MUSIC DEPARTMENT

BEGINNING GUITAR A 1 semester .5 credit 9-12

Prerequisite: None

Learn the basics of playing guitar and reading music. Students will learn basic chords, how to tune the instrument, how to read music notation, chord charts and tablature. This class is intended for students with little or no prior guitar playing experience. A guitar will be provided for your use during this class.

BEGINNING GUITAR B 1 semester .5 credit 9-12

Prerequisite: Beginning A

Students will add to their knowledge of chords and reading music notation learned in Beginning Guitar A. At least one outside of class performance will occur during the semester. A guitar will be provided for your use during this class.

HIGH SCHOOL BAND 2 semesters 1.5 credits 9-12

The High School Band continues the Beginning and Intermediate instruction from the Middle School Bands. Rehearsals will focus on music fundamentals and advanced performance practices using a varied musical repertoire. Attendance will be required when additional full band and sectional rehearsals are needed during the school year. Attendance at all performances is required for students selecting this class, and Band members are expected to attend the summer marching band camp to prepare for the opening of the school year.

HIGH SCHOOL CHOIR 2 semesters 1.5 credits 9-12

Attendance at scheduled performances is required for all students. Choir performs at many school and community events. Field trips include opera, Broadway musicals, district and state festivals. Rehearsals focus on music basics, performance practices, listening skills, and singing techniques. Ability to read/willingness to follow directions is very important. Students will be responsible for continued musical improvement. Written and sung evaluations will be included. Repertoire includes historical and contemporary music.

HISTORY OF JAZZ & ROCK AND ROLL 1 semester .5 credit 9-12

Prerequisite: None

Explore the history of music beginning with the 1920s Jazz era and ending with contemporary popular music. Learn about the great musicians and music of the 20th and 21st centuries. Students will actively compare and contrast musical works and artists through research and analysis.

JAZZ/CHAMBER ENSEMBLE 1 semester .5 credit 9-12

Prerequisite: None

This course will focus on the performance of Jazz Ensemble and Chamber Ensemble music. Students will learn the basics of Jazz performance, culminating in a public performance at the end of the semester. Students will also work on the performance of solo and chamber music. Students will prepare for participation in District/State Solo and Ensemble Festivals as well as another performance outside the classroom.

MUSIC COMPOSITION 1 semester .5 credit 9-12

Prerequisite: None

This course will cover the structure and organization of sounds. Keyboard, computers, and percussive instruments are tools that will be used to explore the creation of music. Students will learn how to turn those ideas in their heads into potential musical pieces. In-class performance and written assignments will be used to develop musical ideas. Students will learn notation methods to capture compositions for other performers. All musical backgrounds are welcomed, including students without prior musical training.

UKULELE & BUCKET DRUMMING 1 semester .5 credit 9-12

Learn the basics of playing ukulele and learn percussion drumming techniques while playing a bucket drum. Students will learn basic chords, how to read music, and how to play chord charts. All instruments are provided for your use during this class.

OTHER

LEADERSHIP

Prerequisite: Permission from a coach or teacher. 4th hour only. **1 semester** **.5 credit** **11-12**

Leadership is a team of students who will coordinate, collaborate, and cooperate to organize schoolwide and class activities for the purpose of improving student participation in school activities and school spirit. Committees within the class will organize pep rallies, spirit activities, team building, assemblies, and athletic ceremonies. WE will be actively studying leadership by examining communication, organization, goal setting, decision making and motivational skills. Class participants must attend at least 3 school sponsored events per semester which must include at least 2 different sports and 1 non-sporting event. An event form must be filled out completely and signed by a school administrator or teacher in order to be considered valid for EACH event.

LINK

2 semesters

1 credit

11-12

The LINK program is a peer to peer support program that allows students to receive high school elective credit for supporting another student in both academic and social settings with adult supervision. In addition to working with another student, those scheduled as a LINK will also have various educationally relevant topics that they will be assigned to research and then discuss during class time (Class Time TBD). Online work will also be incorporated throughout the year.

Students are selected through an application process, with teacher recommendations, as well as the availability of placement in the program. Once selected, students must be willing to accept the role as a LINK student for the entire school year. A contract will then be signed by the LINK student, along with the LINK advisor and Onsted High School Principal, in which the student agrees to follow all school rules in order to be a positive role model for his or her student.

***Go to Appendix I to complete LINK application.**

ONLINE LEARNING

1 semester

.5 credit

9-12

Online learning is educational content and instruction that is delivered via the Internet. Content and instruction are delivered through a variety of methods including text, audio, video, simulations and other interactive tools. Students and instructors most often interact asynchronously (interactions separated by time), through email, discussion forums and announcements. Some courses require synchronous communication (no time lapse), such as through video conferencing tools depending on the provider.

Students must be able to use the keyboard and mouse for basic navigation and to interact with the quizzes, tests and media in an online course. Basic familiarity with browsers, email, and word processing programs may be required to successfully complete an online course. The ability to access the internet is also REQUIRED. At school you may or may not have these options: class time, after school labs, and/or possible laptop with internet capability. Students that fail an online class will be recommended to take a full schedule of regular classes the following semester. ***Go to Appendix J to complete course request form.**

YEARBOOK

2 semesters

1 credit

9-12

Yearbook will focus on the planning, creation, selling, financing, and distribution of the Onsted Echo Yearbook. The finished product will be COMPLETELY student-generated. The fundamentals of yearbook journalism include coverage of the year's events. You will be involved in making the ONLY complete historical record of this school year. Writing story/copy, captions, creating sidebars/mods, the ethics of journalism, and photojournalism will be covered. Integral to yearbook journalism is developing and carrying out a theme, both vertically and graphically. Work outside of normal classroom hours will be necessary for this class. Participation in this class is by independent study with approval from the instructor.

PHYSICAL EDUCATION DEPARTMENT (See flow chart in the Appendix)

GENERAL PHYSICAL EDUCATION

1 semester

.5 credit

9-12

Prerequisite: None

This is a required course for graduation. Emphasis is placed upon daily participation and individual improvement in the areas of cardiovascular endurance, strength and fitness training, flexibility and life-long maintenance of your body. Emphasis will be placed on rules of the games and basic skills. Written tests will be given. . **Proper dress and active participation are required. It is highly recommended that students take this class in their freshman year.**

SPORTS ACTIVITIES A & B

2 semesters

.5 credit

11-12

Prerequisite: General PE

A variety of sports will be covered including flag football, volleyball, basketball, soccer, lacrosse and softball. Emphasis will be placed on rules of the games and basic skills. Written tests will be given. **Proper dress and active participation are required.**

WEIGHTS & AGILITY A & B

2 semesters

.5 credit

10-12

Prerequisite: General PE

Strength and Conditioning is a class designed for the serious student athlete who wants to become more competitive through weight training and agility training. The class is designed to help the student athlete increase muscle strength and/or tone as well as endurance. Conditioning and agility training will be a weekly component. **Proper dress and active participation are required.**

BOYS WILDCAT STRENGTH & CONDITIONING (A & B)

1 Semester

.5 Credits

10-12

Prerequisite: Weights- one semester & need permission from Mr. Clute.

This is an advanced weight training, conditioning, and speed and agility training course geared toward the student-athlete that meets the work ethic, characteristics requirement, and is serious about getting the most out of their physical fitness and meeting their peak performance. Students will use functional strength through the use of free weights and Olympic movements to not only be in top notch physical strength but be prepared specifically for their extracurricular endeavors. Students will be pushed physically and mentally through activities that will make them achieve new goals. Athletes will be put through multiple activities that will improve their speed and agility through different movements and plyometrics. ****Go to Appendix K to complete the course request form.***

FEMALE ONLY WILDCAT STRENGTH & CONDITIONING (A & B)

1 Semester

.5 Credits

9-12

Prerequisite: General PE and need permission from a coach or teacher.

This is an advanced weight training, conditioning, and speed and agility training course geared towards the female student athlete that meets work ethic, characteristics requirement, and overall health and wellness. Students will use functional strength through the use of free weights, yoga, balance training, along with band strength training and a focus on mental wellbeing. Students will be pushed physically and mentally through activities that will make them achieve new goals. Athletes will be put through multiple activities that will improve their speed and agility through different movements and plyometrics. ****Go to Appendix K to complete the course request form.***

SCIENCE DEPARTMENT

ADVANCED PLACEMENT BIOLOGY

2 semesters

1 credit

11-12

Prerequisite: General Biology with C or better, and teacher approval.

This college level biology class is designed to get students ready for college expectations and possibly place out of Biology at the college level. Topics covered include: cells, ecology, genetics, molecular genetics, evolutionary biology, classification of organisms, plant diversity, animal diversity, and body systems. Extensive lab and hands-on investigations are part of AP Biology.

ADVANCED PLACEMENT CHEMISTRY

2 semesters

1 credit

11-12

Prerequisite: Chemistry, Algebra 2, and approval of Chemistry Teacher

This is the equivalent of a general Chemistry course taken in the first year of college. It is designed to prepare students for an AP Exam in Chemistry. The course helps build students' understanding of the nature and reactivity of matter. The course begins with the structure of atoms, molecules, and ions, then students explore how that structure lets us predict and quantify the chemical reactions that substances undergo. The course will enable students to develop an understanding of chemical concepts and become skilled at solving quantitative chemical problems through a combination of instructional activities. The course will be valuable to all students planning to continue in science, health sciences, or engineering courses in college.

ADVANCED PLACEMENT PHYSICS A & B

2 semesters

1 credit

11-12

Prerequisite: Physics and Trigonometry

Physics is the equivalent of a two-semester, college-level course. It is designed to prepare students for an AP Exam in Physics B. Physics B is a non-calculus survey course covering five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Through this course, students will gain an understanding of the core principles in physics and learn how to apply these principles in the solution of problems.

BIOLOGY A & B

2 semesters

1 credit

9

Prerequisite: None

Biology explores the organization of life from atomic structure through the interactions in an ecosystem. The class covers the essential and core content expectations for the State of Michigan. Biology covers the science of biology, the chemistry of life, ecology, cell structure and function, photosynthesis, cellular respiration, cell division, genetics DNA and RNA, evolution, classification of organisms, and basic body systems. Activities and labs are used to reinforce key biological concepts, demonstrate everyday biology, and build key scientific skills through some in-depth explorations.

CHEMISTRY A & B

2 semesters

1 credit

10-11

Prerequisite: Biology

The course will focus on the quantitative and qualitative composition, structure, and reactions of the matter in our world. Exploration of these ideas will be carried out in laboratory investigations. A 3-ring binder is necessary for this course.

HONORS CHEMISTRY A & B

2 semesters

1 credit

10-12

Prerequisite: Biology, Algebra I

This course includes the same topics as regular chemistry. The problems are more challenging, the questions involve more critical thinking, and the labs are more inquiry-based. The purpose is to prepare the students for AP and college-level courses.

PRINCIPLES OF ENGINEERING

2 semesters

1 credit

10-12

Prerequisite: Geometry

Through problems that engage and challenge, students explore a broad range of engineering & physics topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Topics covered on energy & power, materials & structure, control systems, and statistics & kinematics.

HUMAN BODY SYSTEMS (HBS)

2 semesters

1 credit

10-12

Prerequisite: Biology

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

INTRODUCTION TO ENGINEERING DESIGN (IED) 2 semesters 1 credit 9-12

The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document their work and communicate solutions to peers and members of the professional community.

MEDICAL INTERVENTIONS 2 semesters 1 credit 11-12

Prerequisite: Biomed OR Human Body Systems or instructor approval

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

PHYSICS A & B 2 semesters 1 credit 10-12

Prerequisite: Algebra I

This course includes such topics as speed, acceleration, distance and time relationships; vector addition of velocities and forces; the physics of falling bodies and force-mass-acceleration relationships. A study is made of heat and temperature, defining them and calculating their effects on objects. Units on electricity, sound, and light are also covered. A scientific calculator is recommended.

PRINCIPLES OF BIOMEDICAL SCIENCE (PBS) 2 semesters 1 credit 9-12

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

SCIENCE THROUGH LITERATURE & FILM A & B* 2 semesters 1 credit 11-12

Prerequisite: Biology & Chemistry OR Physics

In this course, students will learn about various concepts around life science, physical science, earth & space science, and more through literature & film. Students will be expected to complete a variety of projects from book reviews, book talks, scientific analysis, experiments, and more around the scientific concepts learned in the various books and films presented.

*Students are permitted to take part 1 or 2 if only a half credit is desired.

SOCIAL STUDIES DEPARTMENT (See flow chart in Appendix)

ADVANCED PLACEMENT U.S. HISTORY

2 semesters

1 credit

11-12

Prerequisite: Solid reading and essay writing skills

This course may be taken to fulfill the American history graduation requirement. It is the equivalent of a one-semester, college-level, US History survey course. It is designed to prepare students for an AP Exam. Through analysis and exploration, students in the course build an understanding of the economic, political, and social changes that have occurred in American since Columbus. Students learn how decisions and events of the past continue to have profound effects on the world today and how knowledge of the causes behind past events can influence future decisions. Students put their factual knowledge to work by weighing evidence and interpreting problems presented by historians.

ADVANCED PLACEMENT US GOVERNMENT & POLITICS A & B

2 semesters

1 credit

10-12

Prerequisite: 3.0 cumulative grade point average

Advanced Placement Government is a rigorous college-level class with a curriculum established by the College Board to prepare students for the advanced placement examination in May and potential college credit in U.S. government and politics. In this course students will (according to the College Board) “acquire knowledge of government and politics equivalent to that obtained in most college intro U.S. Government courses, including (1) facts, concepts, theories, (2) political processes and their consequences, (3) analyses and interpretations of data relevant to U.S. government and politics.” Students should expect a rigorous writing and reading workload, and will be expected to take the AP US Government and Politics Exam in May.

AMERICAN GOVERNMENT

1 semester

.5 credit

10-11

Prerequisite: None

This course is required of all sophomores. American Government explores the principles, organization, powers, and functions of the American government. Emphasis is placed on understanding the following areas: (1) Government in the U.S. is a democratic government, (2) Government in the U.S. is a complicated system, (3) Government in the U.S. can be no better than the people are willing to make it, (4) Government in the U.S. is indispensable, (5) Government in the U.S. is expensive. A student will have a basic understanding of these ideas at the semester’s end. Students should be versed in terminology to participate in the political process or to become an active proponent of government in American society.

AMERICAN HISTORY A & B

2 semesters

1 credit

9

Prerequisite: None

This course is required of all freshmen. American History will promote an awareness of America’s past, present and future. The course will begin with a review of the exploration period through the American Civil War. The remainder of the course will focus on the time period from Reconstruction to the present. Emphasis will be placed on past events and how we will be able to judge the future by the past.

CURRENT EVENTS

1 semester

.5 credit

10-12

Prerequisite: None

Students will read, analyze, and discuss current political, social and economic events including the personalities that shape them. The basis of the course will be national news magazines, local newspapers, and various internet locations which will be provided for the student’s use. This class will also view CNN television reports to keep updated on daily news. Other activities may be used from time to time. Weekly quizzes will be given over the class discussions and reading assignments. **Course may be taken multiple times for credit.**

ECONOMICS

1 semester

.5 credit

10

Prerequisite: None

This course is required of all sophomores. It is designed to motivate students with the desire to learn about economics and to use what they learn in their everyday lives. Students will learn about supply and demand; the role of prices; opportunity cost; costs and benefits; and much more. After this course, students will be informed and responsible consumers, sellers, savers, workers and employers.

PSYCHOLOGY A & B

2 semesters

1 credit

10-12

Prerequisite: None

Psychology is a social science that studies behavior and history of living organisms both human and animal. In Psychology, students will examine the history, research methods, sensation, perception, cognitive intelligence, personality development, psychological disorders and treatment in an attempt to better understand human behavior. In addition to understanding behavior, other areas of inquiry to be dealt with are: psychology as a science, learning, heredity and environment and their relation to behavior, emotions, and emotional behavior, mental health, the family and social attitudes and social problems. **This is a two-semester course; the first semester is a prerequisite for the second semester. Only the second semester will count towards the Social Studies requirement for graduation.**

<u>SOCIOLOGY</u>	1 semester	.5 credit	10-12
<i>Prerequisite: None</i>			
Sociology is the study of groups. The course will survey the classic areas of sociology. Topics investigated will include: nature of culture, conformity and deviance, roles, relationships, groups, social stratification, social institutions (family, religion, education), socialization (early years, adolescence, adult years), social change and social problems. Text material and student activities will be used.			
<u>MICHIGAN HISTORY</u>	1 semester	.5 credit	10-12
<i>Prerequisite: None</i>			
This course is an elective social studies credit. This course will be examining a general survey of the historical development of Michigan including the growth of certain political, economic, social, and cultural institutions which contribute to understanding Michigan today; and an emphasis on relating the history of the State to that of both the Midwest Region and the Nation.			
<u>WORLD GEOGRAPHY</u>	1 semester	.5 credit	11-12
<i>Prerequisite: None</i>			
This course is an elective class for Social Studies credit. Its purpose is to increase students' knowledge of the relationship between humans and the natural environments of the earth. The course will blend physical and cultural geographical regions of the earth. Students will know locations of countries, mountain ranges, oceans and other key geographical regions of the world. Focus will be given to major issues ongoing throughout the world at class time.			
<u>WORLD HISTORY A & B</u>	2 semesters	1 credit	11
<i>Prerequisite: None</i>			
This course is required of all juniors. This is a survey course that covers the history of the Middle Ages through modern times from a geographic perspective. Topics include Middle Ages, Disease & Famine, New Ideas, Exploration & Imperialism and the World Wars.			
<u>HISTORY THROUGH FILM</u>	1 semester	.5 credit	10-12
<i>Prerequisite: None</i>			
Movies can provide some factual information about a historical figure, event, or time period; they can also distort the past. This course will be a discussion of how movies accurately and inaccurately portray history. Students will view films and participate in related research and study that will allow them to analyze and evaluate the historical accuracy, and inaccuracies, portrayed in film.			
<u>HISTORICAL POPULAR CULTURE</u>	1 semester	.5 credit	9-12
<i>Prerequisite: None</i>			
Historical Popular Culture studies those institutions that contribute to the culture of a given group. This class will look at how aspects of culture have changed over time and compare different culture groups. Topics include sports, art, traditions, religion, food, and various other topics.			

Dual Enrollment Readiness Qualifying Assessments and Scores 2022-2023

Assessment	Test Section	Content Area	Minimum Qualifying Score
ACT	Mathematics	Mathematics	22
ACT	Reading	Reading	22
ACT	Science	Science	23
ACT	English	English	18
PSAT 8/9	Critical Thinking	Evidence-Based Reading and Writing	460
PSAT 9/9	Mathematics	Mathematics	510
PSAT 10	Critical Thinking	Evidence-Based Reading and Writing	460
PSAT 10	Mathematics	Mathematics	510
PSAT/NMSQT 11	Critical Thinking	Evidence-Based Reading and Writing	460
PSAT/NMSQT 11	Mathematics	Mathematics	510
SAT	Critical Thinking	Evidence-Based Reading and Writing	480
SAT	Mathematics	Mathematics	530
AP**	Various Subject Areas	May Qualify for credit and allow for higher level classes	Check with IHE
CLEP**	Various Subject Areas	May Qualify for credit and allow for higher level classes	Check with IHE
IB**	Various Subject Areas	May Qualify for credit and allow for higher level classes	Check with IHE
ACCUPLACER**	Various Subject Areas	May Qualify for credit and allow for higher level classes	Check with IHE

Please note: For the 2020-2021 school year students may qualify with a GPA. of 2.5 or higher.

**There are no state approved scores related to these assessments. Subject area and qualifying scores are specific to an Institution of Higher Education (IHE). It is best to contact the IHE to see what scores they accept as a qualifying score for the desired dual enrollment course.

Information from : <https://www.michigan.gov/mde/services/flexible-learning/dual-enroll>

LENAWEE INTERMEDIATE SCHOOL DISTRICT TECH CENTER

Prerequisite: Complete TECH Center application form; school committee selects students according to available slots.

The programs at the LISD TECH Center supplement the regular curriculum of the high schools in the county with courses designed to meet the increasing special needs, interests, and abilities of their students through more specialized training for entry into careers upon high school graduation. Detailed information on each of the following programs is available in the Guidance Office. Regular school attendance is important. Students must fill out a TECH Center Student Registration Form online, print the form and return it to the Guidance Office.

Courses offered at LISD TECH Center are identified as follows in their Career Pathway.



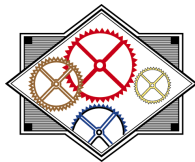
Arts & Communication

- Graphic Imaging Technology
- Video & Audio Production



Human Services

- Education Careers



Engineering, Manufacturing & Industrial Technology

- Advanced Manufacturing
- Alternative Energy & Robotics
- Automotive Collision Repair & Refinish
- Automotive Services Technology
- Building Trades
- Construction Careers
- Engineering, Design & CAD
- Residential Construction
- Welding Technology



Business, Management, Marketing & Technology

- Computer Information Services
- Culinary Arts
- Entrepreneurship, Marketing, & Finance



Health Sciences

- Certified Nurse Aide (C.N.A.)
- Dental Aide
- Emergency Medical Technician (E.M.T)
- Health Care Careers
- Nursing Preparation



Natural Resources & Agriscience

- Agri-Tech
- Biochemical Technology
- Horticulture
- Sustainable Agriculture & Environmental Science

Co-op, less than class size & apprenticeships can be arranged on an individual basis.

NCAA ELIGIBILITY CENTER QUICK REFERENCE GUIDE



Core Courses: (16)

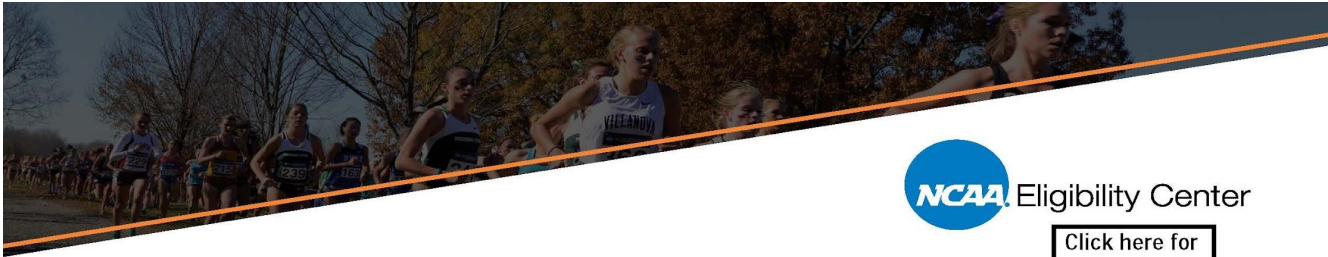
- Initial full-time collegiate enrollment before August 1, 2016:
 - Sixteen (16) core courses are required (see chart below for subject-area requirements).
- Initial full-time collegiate enrollment on or after August 1, 2016:
 - Sixteen (16) core courses are required (see chart below for subject-area requirements).
 - Ten (10) core courses completed before the seventh semester; seven (7) of the 10 must be in English, math or natural/physical science.
 - These courses/grades are "locked in" at start of the seventh semester (cannot be repeated for grade-point average [GPA] improvement to meet initial-eligibility requirements for competition).
 - Students who do not meet core-course progression requirements may still be eligible to receive athletics aid and practice in the initial year of enrollment by meeting academic redshirt requirements (see below).

Test Scores: (ACT/SAT)

- Students must present a corresponding test score and core-course GPA on the sliding scale.
 - **SAT:** critical reading and math sections.
 - Best subscore from each section is used to determine the SAT combined score for initial eligibility.
 - **ACT:** English, math, reading and science sections.
 - Best subscore from each section is used to determine the ACT sum score for initial eligibility.
- All ACT and SAT attempts before initial full-time collegiate enrollment may be used for initial eligibility.
- **Enter 9999 during ACT or SAT registration to ensure the testing agency reports your score directly to the NCAA Eligibility Center. Test scores on transcripts will not be used.**

Core Grade-Point Average:

- Only core courses that appear on the high school's List of NCAA Courses on the NCAA Eligibility Center's website (www.eligibilitycenter.org) will be used to calculate your core-course GPA. Use this list as a guide.
- **Initial full-time collegiate enrollment before August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.000) on Sliding Scale A.
 - Core-course GPA is calculated using the **best 16 core courses** that meet subject-area requirements.
- **Initial full-time collegiate enrollment on or after August 1, 2016:**
 - Students must present a corresponding test score (ACT sum score or SAT combined score) and core-course GPA (minimum 2.300) on Sliding Scale B.
 - Core-course GPA is calculated using the **best 16 core courses** that meet both progression (10 before seventh semester; seven in English, math or science; "locked in") and subject-area requirements.



Click here for
DII Academic
Requirements

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletics scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



Full Qualifier

- Complete 16 core courses.
 - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
 - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Academic Redshirt

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division I school.

Academic Redshirt:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes cannot practice, receive athletics scholarships or compete during their first year of enrollment at an NCAA Division I school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** so his or her scores are sent directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts will **NOT** be used in his or her academic certification.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division I college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division I requirements.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION I FULL QUALIFIER SLIDING SCALE				DIVISION I FULL QUALIFIER SLIDING SCALE			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum	Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.550	400	400	37	2.750	810	720	59
3.525	410	410	38	2.725	820	730	60
3.500	430	420	39	2.700	830	740	61
3.475	440	430	40	2.675	840	750	61
3.450	460	440	41	2.650	850	760	62
3.425	470	450	41	2.625	860	770	63
3.400	490	460	42	2.600	860	780	64
3.375	500	470	42	2.575	870	790	65
3.350	520	480	43	2.550	880	800	66
3.325	530	490	44	2.525	890	810	67
3.300	550	500	44	2.500	900	820	68
3.275	560	510	45	2.475	910	830	69
3.250	580	520	46	2.450	920	840	70
3.225	590	530	46	2.425	930	850	70
3.200	600	540	47	2.400	940	860	71
3.175	620	550	47	2.375	950	870	72
3.150	630	560	48	2.350	960	880	73
3.125	650	570	49	2.325	970	890	74
3.100	660	580	49	2.300	980	900	75
3.075	680	590	50	2.299	990	910	76
3.050	690	600	50	2.275	990	910	76
3.025	710	610	51	2.250	1000	920	77
3.000	720	620	52	2.225	1010	930	78
2.975	730	630	52	2.200	1020	940	79
2.950	740	640	53	2.175	1030	950	80
2.925	750	650	53	2.150	1040	960	81
2.900	750	660	54	2.125	1050	970	82
2.875	760	670	55	2.100	1060	980	83
2.850	770	680	56	2.075	1070	990	84
2.825	780	690	56	2.050	1080	1000	85
2.800	790	700	57	2.025	1090	1010	86
2.775	800	710	58	2.000	1100	1020	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

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2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after Aug. 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:

<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ENGLISH </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 3 years </div>	<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> MATH (Algebra I or higher) </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 2 years </div>	<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered) </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 2 years </div>	<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ADDITIONAL (English, math, or natural/physical science) </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 3 years </div>	<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> SOCIAL SCIENCE </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 2 years </div>	<div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 10px 10px 0 0;"> ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy) </div> <div style="background-color: #2c5e8c; color: white; padding: 10px; border-radius: 0 0 10px 10px;"> 4 years </div>
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Full Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

Partial Qualifier

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn the ACT/SAT score matching your core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier:

College-bound student-athletes may practice, compete and receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

Partial Qualifier:

College-bound student-athletes may receive athletics scholarships during their first year of enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier:

College-bound student-athletes may not practice, compete or receive athletics scholarships during their first year of enrollment at an NCAA Division II school.

International Students: Please visit ncaa.org/international for information and academic requirements specific to international student-athletes.

Test Scores

If you took the SAT in March 2016 or after, and plan to attend an NCAA Division II college or university in the 2018-19 or 2019-20 academic years, use the following charts to understand the core-course GPA you need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. You may take the SAT or ACT an unlimited number of times before you enroll full time in college. If you take either test more than once, the best subscores from each test are used for the academic certification process.

For more information on the SAT, click [here](#) to visit the College Board's website.

DIVISION II FULL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.300 & above	400	400	37
3.275	410	410	38
3.250	430	420	39
3.225	440	430	40
3.200	460	440	41
3.175	470	450	41
3.150	490	460	42
3.125	500	470	42
3.100	520	480	43
3.075	530	490	44
3.050	550	500	44
3.025	560	510	45
3.000	580	520	46
2.975	590	530	46
2.950	600	540	47
2.925	620	550	47
2.900	630	560	48
2.875	650	570	49
2.850	660	580	49
2.825	680	590	50
2.800	690	600	50
2.775	710	610	51
2.750	720	620	52
2.725	730	630	52
2.700	740	640	53
2.675	750	650	53
2.650	750	660	54
2.625	760	670	55
2.600	770	680	56
2.575	780	690	56
2.550	790	700	57
2.525	800	710	58
2.500	810	720	59
2.475	820	730	60
2.450	830	740	61
2.425	840	750	61
2.400	850	760	62
2.375	860	770	63
2.350	860	780	64
2.325	870	790	65
2.300	880	800	66
2.275	890	810	67
2.250	900	820	68
2.225	910	830	69
2.200	920	840 & above	70 & above

DIVISION II PARTIAL QUALIFIER SLIDING SCALE			
USE FOR DIVISION II BEGINNING AUGUST 2018			
Core GPA	New SAT*	Old SAT (Prior to 3/2016)	ACT Sum
3.050 & above	400	400	37
3.025	410	410	38
3.000	430	420	39
2.975	440	430	40
2.950	460	440	41
2.925	470	450	41
2.900	490	460	42
2.875	500	470	42
2.850	520	480	43
2.825	530	490	44
2.800	550	500	44
2.775	560	510	45
2.750	580	520	46
2.725	590	530	46
2.700	600	540	47
2.675	620	550	47
2.650	630	560	48
2.625	650	570	49
2.600	660	580	49
2.575	680	590	50
2.550	690	600	50
2.525	710	610	51
2.500	720	620	52
2.475	730	630	52
2.450	740	640	53
2.425	750	650	53
2.400	750	660	54
2.375	760	670	55
2.350	770	680	56
2.325	780	690	56
2.300	790	700	57
2.275	800	710	58
2.250	810	720	59
2.225	820	730	60
2.200	830	740	61
2.175	840	750	61
2.150	850	760	62
2.125	860	770	63
2.100	860	780	64
2.075	870	790	65
2.050	880	800	66
2.025	890	810	67
2.000	900	820 & above	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

NCAA is a trademark of the National Collegiate Athletic Association.

For more information, visit www.eligibilitycenter.org or www.2point3.org.

Onsted High School Counseling Department

Dear Parents & Students:

Effective April 1, 1996, Public Act 160 and Public Act 258 of 2000, created the Postsecondary Enrollment Options Act, commonly referred to as dual enrollment. This law directs school districts to assist students in paying tuition and fees for courses at Michigan public or private colleges or universities. The following are some of the eligibility guidelines/standards:

1. Students in grades 9 through 12 may take up to ten postsecondary courses.
2. Students can qualify for dual enrollment by taking one of the following assessments listed below. The following table shows the complete list of scores that must be attained in order to qualify for dual enrollment:
3. 388.155 Rule 5 (2) The acts do not prohibit a district from supporting any pupil regardless of eligibility under these acts. A district may elect to support college level courses or career preparation courses for any pupil if it is in the best interest of the pupil.
4. Students must be enrolled in both the eligible school (public or private) and eligible postsecondary institution during the local school's regular academic year and must be enrolled in at least one high school class.
5. Students must have maxed out the course opportunities at Onsted High School.

Examples: AP Literature for English classes; AP Government and/or AP Psychology for Social Studies; AP Calculus for Math; etc.

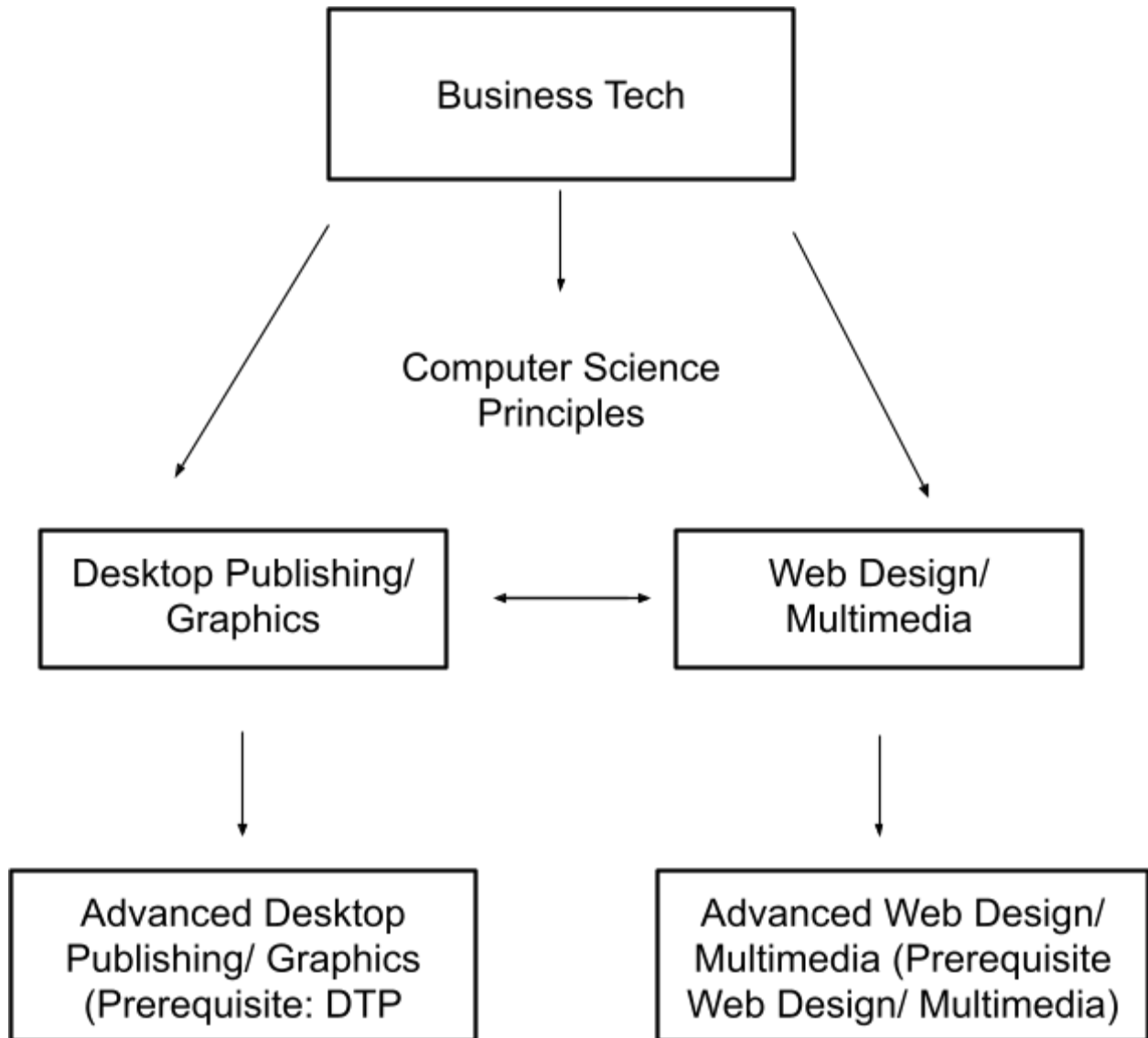
6. The college courses cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education.
7. School districts are required to pay an amount equal to the prorated percentage of the statewide pupil-weighted average foundation allowance, based on the proportion of the school year that the eligible student attends the eligible postsecondary institution. Eligible charges include tuition and mandatory course fees, material fees, and registration fees required by an eligible institution for enrollment in the course. ***Eligible charges do not include transportation or parking costs or activity fees.***
8. If a student participating in the postsecondary (dual) enrollment program fails to successfully complete an eligible course, the student and his/her parents are responsible for reimbursing the District for such charges incurred by the District for such enrollment.

Please review the contents of this letter with your parents. If you believe you are eligible for dual enrollment, qualify for tuition and fee support, and wish to participate, contact your counselor.

Sincerely,

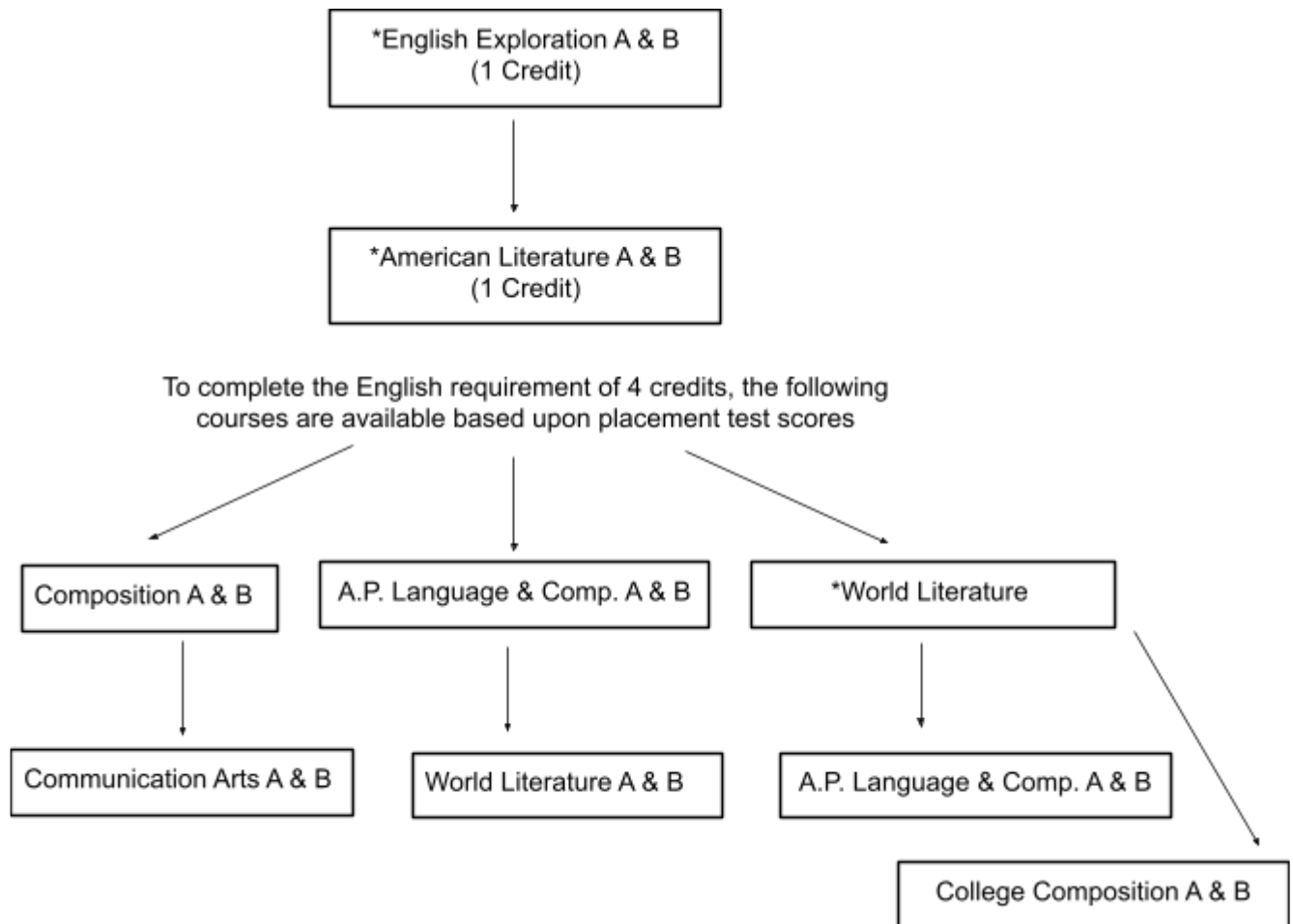
Carrie Pennington, Counselor

Technology Department



Students are encouraged to enroll in two or more technology courses per year.

English Department



The following courses will be offered by the English dept. as **general credit** only classes. They will **NOT** count toward the four required English credits for graduation because they will not cover all of the required state language arts benchmarks.

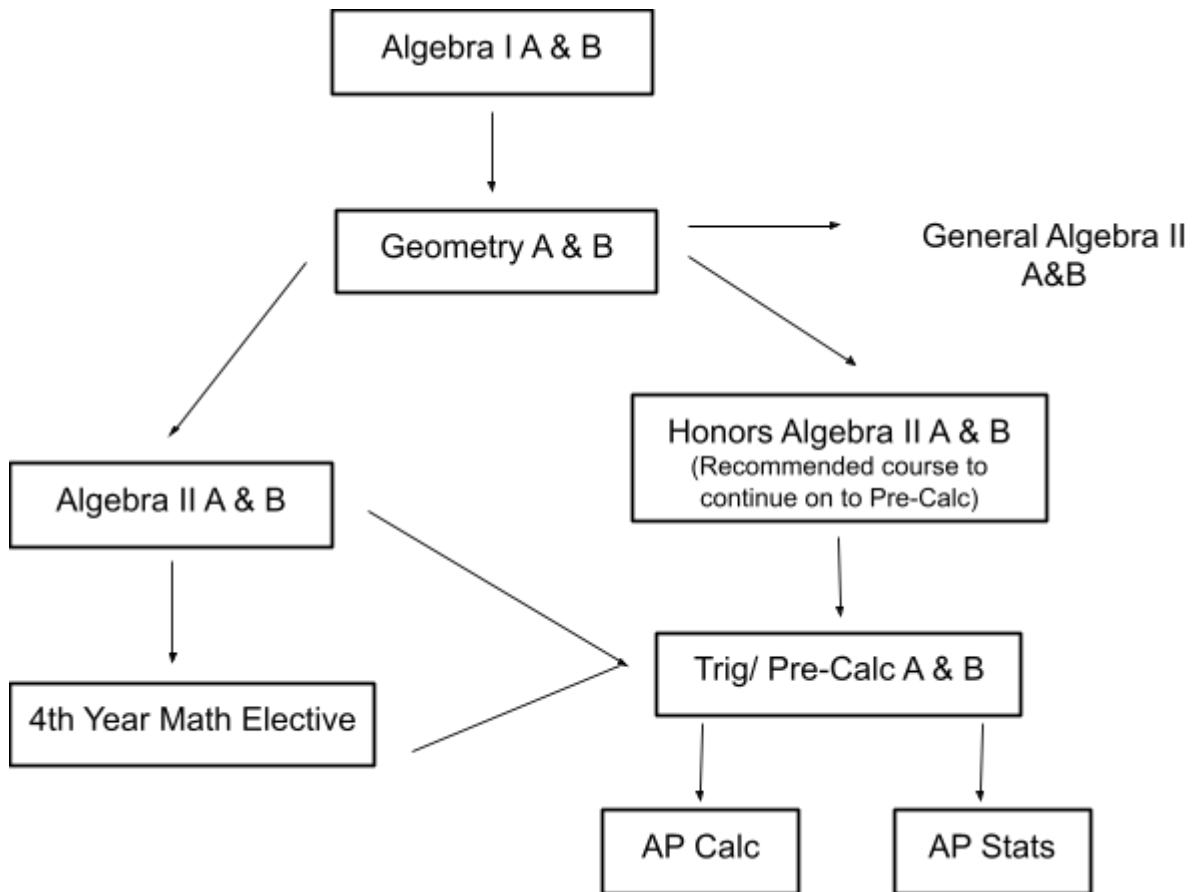
1st Semester Courses

Creative Writing
Literature Through Film
Popular Literature

2nd Semester Courses

***= required courses for all students**

Mathematics Department

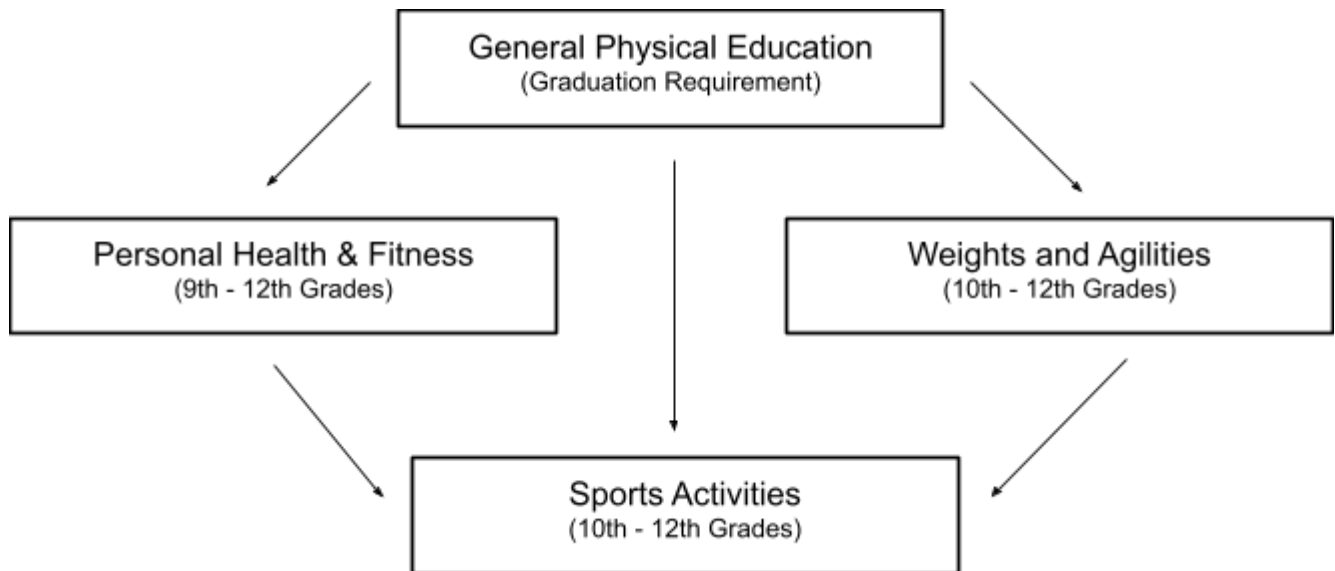


After passing Algebra II

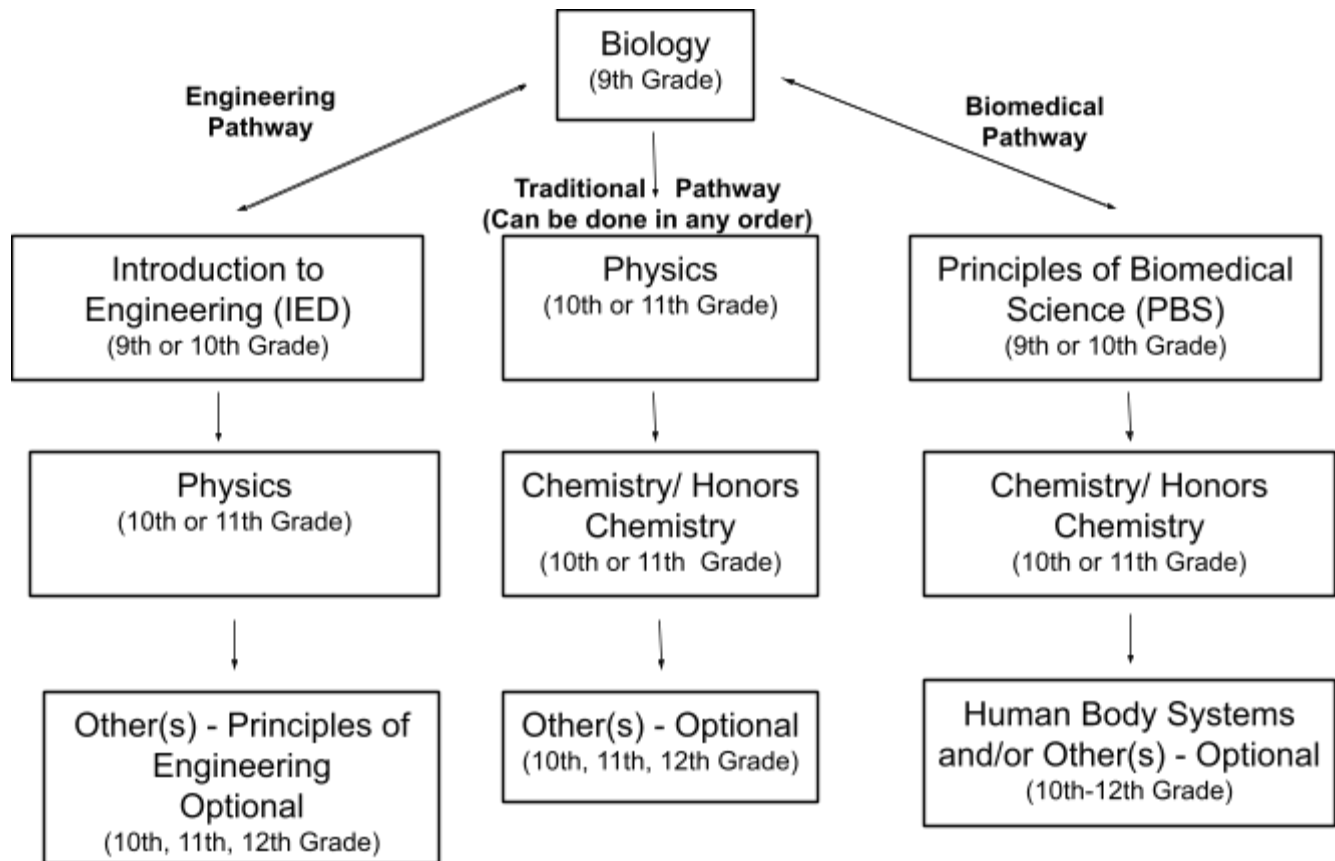
Junior Year Options: Trig/PreCalc A, B (Must have Algebra II A & B)
 AP Calculus
 AP Statistics

Senior Year Options: Accounting A, B
 Consumers' Math (1 semester)
 Personal Finance (1 semester)
 Trig/Precalc A & B (Must have Algebra II,
 * (Recommend Honors Algebra II for Pre-Calc)
 AP Calculus
 AP Statistics

Physical Education Department



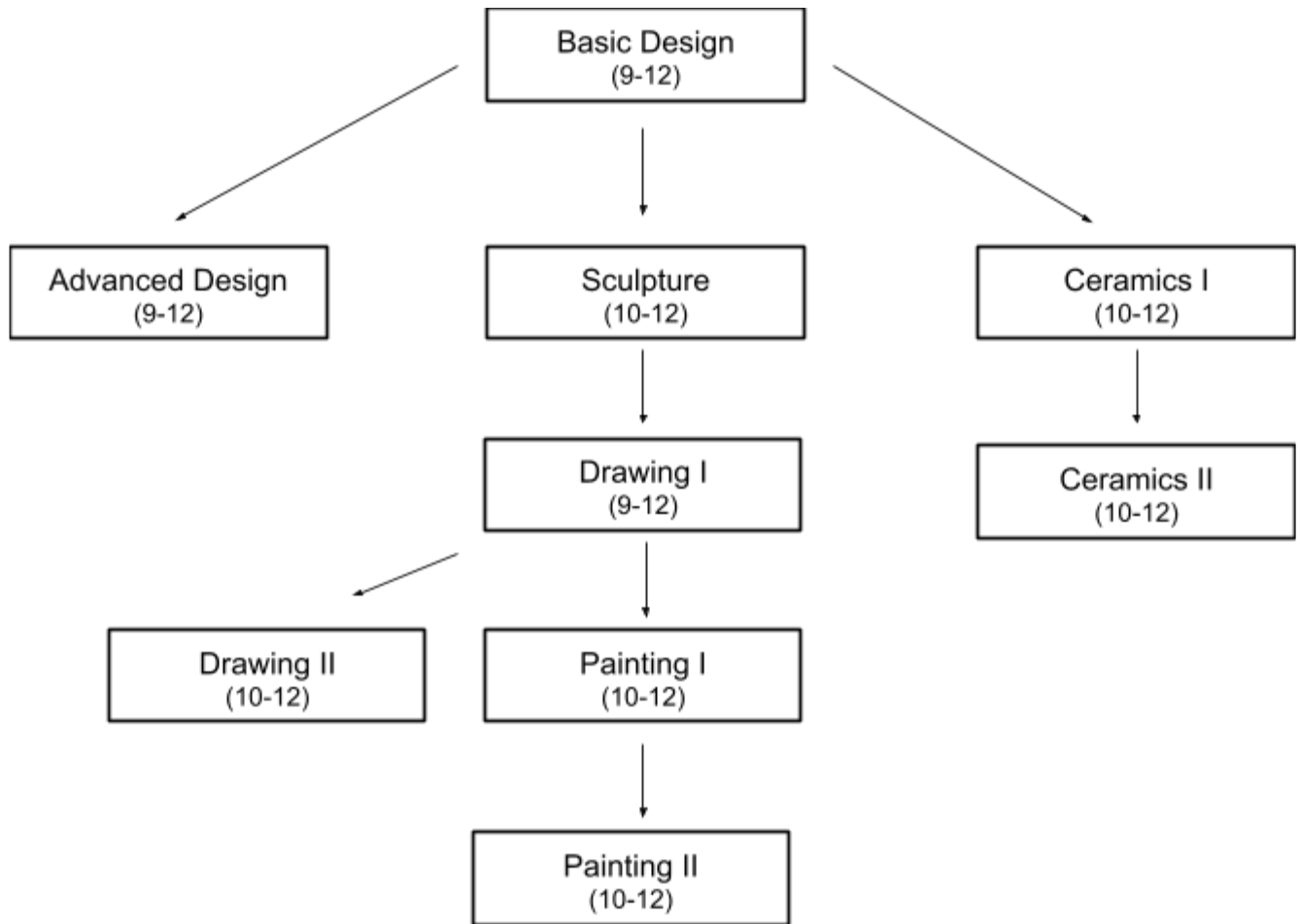
Science Department



Other Classes

AP Biology
Chemistry/ Honors Chemistry
Human Body Systems
Medical Interventions
Online Courses/ AP Online
Principles of Engineering
Tech Center Courses
Science Through Literature and Film

Art Department



Course Requirements at Onsted High School

English (4 Years)

English Exploration A
English Exploration B
American Literature A
American Literature B
English 11 A
English 11 B
English 12 A
English 12 B

Math (4 Years)

Algebra 1 A
Algebra 1 B
Geometry A
Geometry B
Algebra 2 A
Algebra 2 B
Math 12 A
Math 12B

Social Studies (3.5 Years)

American History A
American History B
Economics
American Government
World History A
World History B
Social Studies Elective

Science (3 Years)

Biology A
Biology B
Physics A or Chemistry A
Physics B or Chemistry B
Science Elective A
Science Elective B

Elective Classes

Physical Education
Health
Art (Band, Choir, Basic Design)
Art (Band, Choir, Art Elective)
Computers
World Language 1 A
World Language 1 B
World Language 2 A
World Language 1 B

All students must successfully complete the following courses:

- 4 credits in English (9, 10, 11, 12)
- 4 credits in Math
- 3 credits in Science
- 3.5 credits in Social Studies
- .5 credit in General Phys. Ed.
- .5 credit in technology
- 1 credit in Fine, Performing, or Applied Art
- 2 credits in World Language (must be the same language)
- .5 credit in Health

Onsted High School

LINK Application

Student Name: _____ Current Grade: _____

Please answer the following questions to the best of your ability.

- 1.) What is your overall GPA? _____

- 2.) Do you attend the TECH center or plan to attend next school year? Yes or No

- 3.) How would you describe your attendance at school?
Excellent Good Poor

Explanation:

- 4.) What extracurricular clubs/activities/sports do you participate in?

- 5.) What are your future goals? (Continued education plans/Career interest)

- 6.) Please explain why you want to be a LINK student during the next school year

**Please be aware that if you are chosen to be a part of Onsted High School's LINK program next school year, a contract will need to be signed by you, the LINK advisor, and the high school principal, in which you agree to follow all school rules and policies in order to be the best role model and LINK representative possible. Breaking any rule or policy may result in dismissal from the LINK program.

Student name _____ Current Grade _____

LINK Teacher Referral Form (Required)

The person named above has applied to be a LINK student for the coming school year. As one who is familiar with the character, abilities and working habits of this student, please take a moment to complete this reference form and return it to Alison Klotz as soon as possible.

This position involves work with children of different academic and social/emotional needs. Our LINK students must be exemplary role models with the students they will work with in the school setting.

Please complete this form by circling the number that best describes this person's abilities, with 1 being the lowest and 5 being highest. Please add any additional comments that you feel are relevant to this student.

If you have any questions or concerns, please don't hesitate to contact me through email: klotz.a@onstedschools.us. Thank you very much for your assistance.

Initiative	1	2	3	4	5	N/A
Independent work habits	1	2	3	4	5	N/A
Honesty/trustworthiness	1	2	3	4	5	N/A
Work completion	1	2	3	4	5	N/A
Ability to take direction	1	2	3	4	5	N/A
Leadership skills	1	2	3	4	5	N/A
Tolerance for others	1	2	3	4	5	N/A
Confidentiality	1	2	3	4	5	N/A

Additional comments:

Teacher/Staff Member Signature _____

Onsted Community Schools
 Online Learning
 Enrollment Form



Students requesting online courses for next year need to turn in this form to their counselor by the designated date announced.

Student's Name _____

Grade _____ Date of Birth _____ Student ID _____

Student's email address _____@onstedschools.us

Parent's Name _____

Parent Email _____

Parent Contact Phone Number _____

Online Class	Semester	Hour

If 3 or more online classes are taken in a semester, students will need to fill out a Seat Time Waiver packet next year.

Have you taken an online class in the past? (Circle one) Yes No

If yes, when and what class(es)? _____

Do you have internet access at home? (Circle one) Yes No

 Student Signature

 Parent Signature

 Date

 Date

Online Class Options

(Core classes may be taken for credit recovery only or by staff placement)

Math

Advanced Calculus
Algebra 1 A/B
Geometry A/B
Algebra 2 A/B
Trig/PreCalc A/B
Probability and Statistics
Consumers Math
Personal and Family Finance

Science

Advanced Biology
Advanced Chemistry
Biology A/B
Chemistry A/B
Physics A/B
Physical Science A/B
Environmental Science A/B
Earth and Space Science A/B

Other

Anthropology 1 and 2
Astronomy: Exploring the Universe
Criminology
Fashion and Interior Design
Great Minds in Science
Human Geography
Entrepreneurship: Starting your business
Law and Order
Personal Psychology
Principles of Public Service
Sociology 1
World Religions
Applied Medical Terminology
Computing for College and Careers
Health Science A/B
Marketing, Advertising, and Sales
Professional photography
Art History and Appreciation
Introduction to Archaeology
Introduction to Fashion Design
Introduction to Philosophy
Introduction to Visual Arts
Native American Studies
Essential Career Skills
Principles of Health Science
Principles of law, Public safety, Corrections & Security
Principles of Business Marketing and Finance

English

Advanced English Literature and Composition
English 9A/B
English 10A/B
English 11 A/B
English 12 A/B

Social Studies

Advanced US History
US History A/B
World History A/B
Government
Economics
World Geography A/B

Archaeology
Careers in Criminal Justice
Digital Photography
Forensic Science
Holocaust Studies
Introduction to Agriscience
Introduction to Manufacturing
Music Appreciation
Psychology
Real World Parenting
Sociology 2
Veterinary Science
Career Explorations
Drafting and Design A/B
Introduction to Criminology
Principles of architecture and Construction
Academic Success
Creative Writing
Introduction to Astronomy
Introduction to Forensic Science
Introduction to Social Media
Introduction to World Religions
Nutrition and Wellness
Principles of Education & Training
Principles of hospitality & Tourism

Art in World Cultures
Cosmetology
Early Childhood Education
Gothic literature
Hospitality and Tourism
Introduction to Culinary Arts
Introduction to Social Media
Peer Counseling
Philosophy
Social Problems
Sports and Entertainment Marketing
Accounting A and B
Child Development and Parenting
Entrepreneurship A/B
Introduction to Finance
African american studies
Introduction to Anthropology
Introduction to Criminology
Introduction to Marine Biology
Introduction to Veterinary Science
Mythology and Folklore
Social Issues
Principles of Engineering and Technology
Principles of Manufacturing
Women's Studies

Wildcat Strength and Conditioning Form

_____, give _____
Coach/Teacher Name Student Athlete

permission to enroll in the Wildcat Strength and Conditioning class. He/She understands the expectation and requirements that go along with having the privilege to take this class.

Coaches Signature Date _____

Student Athlete Signature Date _____