

Course Descriptions By Subject Area

English Department

English 9 1/2 credit each semester	CORE ~ Traditional English curriculum: reading, vocabulary development and comprehension; writing process, and communication skills such as speaking and listening. There may be a research element. Academic content standards are the emphasis. Implementation of technology. Ohio Graduation Test preparation is essential.
English 10 1/2 credit each semester	CORE ~ Traditional English curriculum: reading, vocabulary development and comprehension; writing process, and communication skills such as speaking and listening. There may be a research element. Academic content standards are the emphasis. Ohio Graduation Test preparation is essential.
English 11 1/2 credit each semester	CORE ~ Traditional English curriculum: reading, vocabulary development and comprehension; writing process, and communication skills such as speaking and listening. There will be a research project. American Literature is featured. Often ACT vocabulary is a focus. Academic content standards are the emphasis. Career and job information: resumes and references. Implementation of technology. Novels-exploration and discovery.
English 12 1/2 credit each semester	CORE ~ Traditional English curriculum: reading, vocabulary development and comprehension; writing process, and communication skills such as speaking and listening. There will be a research project. British and World Literature is featured. ACT vocabulary is a focus. Academic content standards are the emphasis.
MH English 1/2 credit each semester	This course consists of special education academics with the focus on daily living skills and functional living skills at home and in the community.
Basic English 1/2 credit each semester	Based on individual levels: Traditional English curriculum-reading, vocabulary development and comprehension, writing process and communication skills such as speaking and listening. Job skills such as interviewing and applications. Must qualify by IEP.
Communications 1/2 credit each semester	Students will create sites that will have their resumes and references easily available for potential employers, along with videos and posts about their experiences in lab and their personal views concerning current events in the news and our school. Students must remember and respect all school rules in regards to our school Technology Usage guidelines. Any students violating the school rules in regards to technology are subject to failure and removal from the course. This class can be taken for a full or half credit.
Composition and Literature 11	CORE ~ Composition and Literature is intended for students who, through assessments and evaluations, classroom performance, and grades earned, exhibited advanced Language Arts skills. Their transcripts should be used to clarify previous English/Language Arts course work at the home schools and passage of OPT/OGT requirements for Reading and Writing. Teacher recommendations will also consider reading pretest results and writing samples.

<p>Composition and Literature 12</p>	<p>CORE ~ Composition and Literature is intended for students who, through assessments and evaluations, classroom performance, and grades earned, exhibited advanced Language Arts skills. Their transcripts should be used to clarify previous English/Language Arts course work at the home schools and passage of OPT/OGT requirements for Reading and Writing. Teacher recommendations will also consider reading pretest results and writing samples.</p>
<p>English 12 College Writing (Oberlin) Oberlin College Educational Alliance Network (OCEAN) 1/2 credit for each Semester *May earn up to 4 Oberlin College credits.</p>	<p>Writing is a fundamental aspect of intellectual inquiry, civic engagement, and personal expression. This course introduces students to college-level writing, requiring them to write frequently in a variety of prose forms and emphasizing processes of writing (brainstorming, drafts, revision and editing). Successful completion of expectation may result in college credit.</p>
<p>Computer as a Writing Tool Semester only: 1/2 credit</p>	<p>The "Computer as a Writing Tool" course explores all the ways technology enhances written communication. The students complete various projects using presentation software, word processing software, and Internet resources and applications. Students work with Microsoft Word and PowerPoint, Google Docs, Google Docs Templates, Inspiration, Email, Instant Messaging, and Blogs. All of these are great ways to experience the computer as a writing tool. Create writing samples. Publish student work.</p>
<p>Exploration of Literature Semester: 1/2 credit * Students may take more than once.</p>	<p>This elective class is going to be very reading based. Students will get to select books about topics or things that interest them. Students will be able to self-select what they read most of the time, with a reading goal to meet each day. If a student wanted to read a certain author, or certain genre, for most of the school year, they would have this privilege. Students say all the time they will read if it's "good." Every student has a different idea of what is "good." I'm hoping that students will be able to read "good" books of their choice most of the year, and students will be surprised by spring to see how much they have read. Students will also do research in the Tech Center concerning books similar to the ones they have read and author research. Students will do writing assignments through journals and some short essays. Students will also do presentations to the class, so that students can learn what their classmates are reading.</p>
<p>Literature and Music Semester only: 1/2 credit</p>	<p>Literature of Popular Music is the study of literature as it pertains to popular music. Students in this course will trace the evolution of popular music and popular culture, with emphasis on rock and roll. Students will also examine writing tools used in lyrics, emphasizing poetic examination. Students will research and report on musical artists and genres, and explore the interwoven relationship between literature and music. This course is primarily for seniors.</p>
<p>Literature and Film Semester only: 1/2 credit</p>	<p>Literature and Film is the study of literature as viewed through film. Students in this course will trace the evolution of the film and television industry. Students will examine and critique films in discussion, writing, and other projects. Students will also compare written works to their theatrical counterparts, view film as literary pieces, and research various genres and influences of film. This class is primarily for seniors.</p>
<p>Public Speaking Semester only: 1/2 credit</p>	<p>This speech course is designed to give students an opportunity to gain skill, confidence, and fluency in public speaking. Students will develop an understanding of both basic communication principles and public speaking strategies through their application of these principles to a variety of speaking assignments.</p>

Math Department

Algebra 1 1/2 credit each semester	CORE ~ Algebra is the study of the rules of operations and relations, and the constructions and concepts arising from them, including terms, polynomials, equations and algebraic structures.
Geometry 1/2 credit each semester	CORE ~ Geometry is the study of structure, congruence, similarity, and measurement with lines, triangles, quadrilaterals, circles, and polygons. Proportions, probability and trigonometry are also covered.
Algebra 2 1/2 credit each semester	CORE ~ Algebra 2 is a continuation of the topics covered in Algebra 1, with emphasis on quadratic, polynomial, and radical functions and relations, advanced functions and relations, discrete mathematics, and trigonometric functions.
Algebra 2a 1/2 credit each semester	Core ~ Information to be updated by 6/20/13
Algebra 2b 1/2 credit each semester	Core ~ Information to be updated by 6/20/13
Math 11	CORE ~ The study of algebraic, geometric, and trigonometric concepts as they are applied to career tech program areas of study.
Math 12	CORE ~ Advanced studies of algebraic, geometric and trigonometric concepts and their applications with an emphasis on college preparatory requirements.
Math 12/Dev. Math 033 1/2 credit each semester	Introduction to Technical Mathematics. A basic mathematical course for those students in technological fields. Special emphasis will be given to the practical application of topics from elementary algebra and elementary geometry. Prerequisite: teacher recommendation; probable compass assessment.
Math 12/Tech Math 121 1/2 credit each semester * 4 credit hours for LCCC 121	Aligns with Technical Mathematics I; a technical math course which includes Intermediate Algebra Emphasis is on technical applications and problem-solving skills including the appropriate uses of technology. Graphing calculator required. Prerequisite: teacher recommendation., MTHM 033 with a grade of C., Math supervisor approval.
Tech Math 122 1/2 credit each semester * 3 credit hours for LCCC 122.	A continuation of Technical Mathematics I which includes algebra, basic statistics, empirical curve-fitting, analytic trigonometry and analytic geometry. Emphasis is on technical applications and problem-solving skills including appropriate use of technology.

Science Department

Physical Science 9 1/2 credit each semester	CORE ~ The study of the structure and states of matter, motion, forces, work, energy, heat and temperature, sound, light, electricity, and magnetism. Additional topics include the solar system, the atmosphere and the use of natural resources.
Science 10 1/2 credit each semester	CORE ~ Biology is a natural science concerned with the study of life and living organisms, including their structure, function, growth, origin, evolution, distribution, and taxonomy.
Science 11 1/2 each semester	CORE ~ The study of physical and biological concepts as they relate to the career technical program of study.
Science 12 1/2 credit each semester	CORE ~ A more advanced study of topics covered in Science 11, with special emphasis on anatomy and physiology, environmental studies, forensics, and nutrition as these topics apply to the program of study.
Biology 1/2 credit each semester	CORE ~ Biology is a natural science concerned with the study of life and living organisms, including their structure, function, growth, origin, evolution, distribution, and taxonomy.
Chemistry 1/2 credit each semester	CORE ~ Chemistry 1st semester—An introductory course that includes how matter is constructed, how atoms combine, what solutions are made of, and acid, bases and salts. Chemistry 2nd semester—An introductory course that includes practical applications of Chemistry to various industries e.g. construction, metals, food, plastics, ecology, the home.
Anatomy/Physiology Semester only: 1/2 credit	Anatomy is the study of the structures of the human body. Physiology is the study of the functions of the human body. There are 10 organ systems. Systems studied will be decided by student interest. (Semester offering only)
Vertebrate Zoology Semester only: 1/2 credit	Vertebrate = a backbone and zoology = the study of animals. So, vertebrate zoology is the study of animals with a backbone (excludes humans). Animals chosen will be based on student interest. There WILL BE dissections. (Semester offering only)
Astronomy Semester only: 1/2 credit	Astronomy is a one semester course designed for the student who enjoys observing and exploring the world and universe. Concepts covered include stars and constellations, the solar system, extraterrestrial life, lunar cycles, history of modern astronomy, telescopes, stellar spectra, star formation and death, galaxies, structure of the universe, asteroids, comets, and meteorites. (Semester offering only)
Forensics Semester only: 1/2 credit	This class will take a closer look at today's forensic science techniques and give students hands-on experience working with modern day biotechnology. (Semester offering only)
Geology Semester only : 1/2 credit	Geology study is a must for the student who enjoys discovering more about the planet Earth. It concerns all of earth; its natural hazards, earthquakes, volcanoes and floods, glaciers, natural resources such as crystals, gems, minerals, fossil fuels, and rocks. The student will be able to identify a number of different rocks and minerals. The history of earth will be reached through fossil collection and investigation. (Semester offering only)
Marine Biology Semester only: 1/2 credit	Marine Biology will explore the coral reefs, open oceans and marine estuaries like never before! Marine Biology will look at the relationships among the species that occupy marine habitats, organism identification and food and nutrient cycles. This course will involve dissections, laboratories and many other fascinating scientific experiments.
Physics	Physics 1 st semester—An introductory course that includes the study of motion and mechanics. Physics 2nd semester—An introductory course that includes thermodynamics and wave properties.

Social Studies Department

<p>Social Studies 9 1/2 credit for each semester</p>	<p>CORE ~ World History: Enlightenment to Present Age addressing: Enlightenment ideas: 1690-1776, Industrialization: 1700-1900, Imperialism: 1850-1914, 20th Century Conflict: 1900-1999, People in Societies, Geography, Economics, Government, Citizenship rights and responsibilities, Social Studies skills and methods.</p>
<p>Social Studies 10 1/2 credit for each semester</p>	<p>CORE ~ American History 1877- Present addressing: Industrialization, Imperialism, 20th Century Conflict, the US in the 20th Century, Cultures, Interaction, Diffusion, Geography, Human Environmental Interaction, Movement, Economics, Markets, Government and the economy, Government, Rules and laws, Citizenship rights and responsibilities, participation, Social Studies skills and methods, Communicating information.</p>
<p>Civics/Gov't. 1/2 credit for each Semester</p>	<p>Students will gain a comprehensive understanding of how our government formed and evolved into the institutions we rely on today. Civics includes lessons on history, American documents and financial literacy (economics).</p>
<p>Basic History Offered both semesters : 1/2 credit each</p>	<p>REMIATED: Students will gain a comprehensive understanding of how our government formed and evolved into the institutions we rely on today. Civics includes lessons on history, American documents and financial literacy (economics).</p>
<p>Psychology Semester: 1/2 credit</p>	<p>This elective will introduce students to the field of psychology. Topics may include: body and mind, learning and cognition, development, personality, health and adjustment, disorders, etc. Case studies may be explored.</p>
<p>Sociology Semester: 1/2 credit</p>	<p>This elective will introduce students to the field of sociology. The focus is more on society than the individual. Topics may include: religion, education deviance, mass media, etc. Case studies may be explored.</p>
<p>Military History Semester credits: 1/2 credit Early Military 1/2 credit Modern Military</p>	<p>This course allows students to study American military history from the Revolutionary War to modern times. Through the looking glass of such things as food, equipment, clothing, students will experience the historical transitions. The sacrifices of those who protect us and our county's ideals are explored and appreciated. The students will interact with veterans who have been in combat.</p>
<p>Modern Social Issues 1/2 credit for each semester</p>	<p>Modern Social Issues explores contemporary problems facing people in our modern world and seeks to understand the history and evolution of these issues over time. Both foreign and domestic issues are studied, and students are encouraged to take positions of support or opposition and then synthesize potential solutions and finally, defend their ideas after gathering adequate background information on the many areas we explore. In the end, the goal is a better <i>personal</i> understanding of today's complex world and the individual student's place in these situations (What does all this mean to ME?).</p>
<p>Social Studies 12 College American History (Oberlin) Oberlin College Educational Alliance Network (OCEAN) 1/2 credit of Government 1/2 credit American History leading to Oberlin college credit</p>	<p>An interpretive survey of American history from precolonization to the recent present, this course introduces students to a variety of approaches to the study of history and develops their capacities to read both primary and secondary materials. Students write a research paper based on primary source material. Teacher Recommendation suggested. Successful completion of expectation may result in college credit.</p>

General Education Electives

***All courses offered as Semester classes for 1/2 credit

Accounting 1	In this semester course, students will learn the basics of accounting. Students will complete, demonstrate and understand the accounting cycle by completing the problems in the textbook and then apply those skills to computerized accounting situations. You will learn to journalize, post, and create basic financial documents for a sole-proprietorship will be the main focus.
Accounting 2	Pre-requisite: Accounting I. In this semester course we will concentrate on a merchandising business and using special and separate journals to enter transactions. You will also learn basic payroll processing information and create an expanded worksheet.
Computer Applications	This course explores a variety of computer programs. Students will have the opportunity to improve their keyboarding skills and work with Microsoft Office programs. Additionally, students will use and evaluate additional resources available.
Employability Skills	Obtaining and maintaining a job and/or career is the focus of this elective. Resume perfecting; job interviewing and exploring job opportunities are key topics. Preferred 11th grade/junior elective.
Financial Literacy in Today's World	Learn to become financially responsible in today's economy. Topics will include banking, using credit wisely, insurance, protection from identity theft, consumer rights and responsibilities, basic stock information, and your tax responsibilities. Students create financial plans and budgets, propose saving and investing plans, select strategies to handle credit and manage debt, demonstrate how to use financial services, explore insurance plans, and examine how their lifestyle and career choices impact their financial plans. This course may also help you prepare to compete in your BPA, DECA, Skills USA, or FCCLA contests.
Entrepreneurship	Would you like to have your own business someday? Learn how to be better prepared so your business survives. Throughout the semester, students will work on creating their own business plan. This is an introductory business course designed to provide valuable information that is used by every person whether you are or are not pursuing a career in business. Topics include economics, supply & demand, and small business management. This course may also help you prepare to compete in your BPA, DECA, Skills USA, or FCCLA contests.
SDEV 101, College 101	An introductory course designed to promote students' academic, social, personal, and career skills, leading to their holistic development and the encouragement of life-long learning.
Health	Information to be updated by 6/20/13
ProStart	Information to be updated by 6/20/13