Courses of Study

General Information

Language Arts
Mathematics
Social Studies
Science
Career-Based Instruction (CBI) Education
Electives

General Information

Core curriculum at Mound Street Academies is offered via Apex Learning Network.[1] This comprehensive program gives students the opportunity to work anytime, anywhere from a computer with Internet access. All core content area courses are aligned to the respective state and national standards. All learning styles are addressed with the integration of video and audio components into the courseware modules, in addition to supplemental direct instruction provided by highly qualified teachers. Students must achieve a 70% passing rate in order to receive credit for the course.

[1] Please be aware that the NCAA does not permit acceleration or 'testing out' of particular content in a course. Therefore, students at Mound Street Academies are not in compliance with the NCAA Eligibility Legislation.

Language Arts

The Language Arts requirement for all students is one credit each year. Reading and writing will keep many career options open. The skills and concepts learned in each of these courses are appropriate to the abilities of the students in these courses and they build sequentially from one year to the next. Each course is divided into two semester-lengths, ½ credit sections, A and B.

English 9

Credit: 1

English 9 provides an introduction to informational and literary genres and lays a foundation of critical reading and analytical writing skills. Through texts that range from essays, speeches, articles and historical documents to a novel, a play, poetry and short stories, students analyze the use of elements of literature and nonfiction.

As they develop their writing skills and respond to claims, students learn to formulate arguments and use textual evidence to support their position. To hone their listening and speaking skills, students engage with a variety of media types through which they analyze and synthesize information, discuss material, create presentations, and share their work.

English 9 supports all students in developing the depth of understanding and higher order skills required by the Common Core. Students break down increasingly complex readings with close reading tools, guided instruction and robust scaffolding as they apply each of the lesson's concepts back to its anchor text.

Students build their writing and speaking skills in journal responses, discussions, frequent free response exercises, and essays or presentations, learning to communicate clearly and credibly in narrative, persuasive and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.

This course is aligned with the Common Core State Standards for English Language Arts.

English 10

Credit: 1

English 10 builds upon students' foundation of critical reading and analytical writing skills. Through texts that range from investigative journalism, essays, articles and historical documents to a novel, drama, poetry and short stories, students analyze the use of elements of literature and nonfiction. As they develop their writing skills and respond to claims, students learn to refine arguments and organize evidence to support their position. To hone their listening and speaking skills, students engage with a variety of media types through which they analyze and synthesize information, discuss material, create presentations, and share their work.

English 10 supports all students in developing the depth of understanding and higher order skills required by the Common Core. Students break down increasingly complex readings with close reading tools, guided instruction and robust scaffolding as they apply each of the lesson's concepts back to its anchor text. Students build their writing and speaking skills in journal

responses, discussions, frequent free response exercises, and essays or presentations, learning to communicate clearly and credibly in narrative, persuasive and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.
This course is aligned with the Common Core State Standards for English Language Arts.

English 11

Credit: 1

In English 11, students examine the belief systems, events, and literature that have shaped the United States. Starting with the Declaration of Independence, students explore how the greatest American literature tells the stories of individuals who have struggled for independence and freedom: freedom of self, freedom of thought, freedom of home and country. Students reflect on the role of the individual in Romantic and Transcendentalist literature that considers the relationship between citizens and government, and they question whether the American Dream is still achievable while examining Modernist disillusionment with American idealism. As well, reading the words of Frederick Douglass and those of the Civil Rights Act, students look carefully at the experience of African Americans and their struggle to achieve equal rights. Finally, students reflect on how individuals cope with the influence of war, cultural tensions, and technology in the midst of trying to build and secure their own personal identity.
English 11 supports all students in developing the depth of understanding and higher order skills required by the Common Core. Students break down increasingly complex readings with close reading tools, guided instruction, and robust scaffolding as they apply each of the lesson's concepts back to its anchor text. Students build their writing and speaking skills in journal responses, discussions, frequent free response exercises, and essays or presentations, learning to communicate clearly and credibly in narrative, argumentative, and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.
This course is aligned with the Common Core State Standards for English Language Arts.

English 12

Credit: 1

English 12 asks students to delve into the mingled history of British and World literature. It asks students to imagine: Face to face with a human being unlike any you have seen before, do you feel fear, awe, or curiosity? Do you look for what you can give, what you can take, or what you can share? Do you find unfamiliar people and customs magical, mysterious, or monstrous? Students explore how humans interact with and influence each other — historically, socially, and otherwise — and examine the complexities of cultural identity in our global and fast-changing world.
English 12 supports all students in developing the depth of understanding and higher order skills required by the Common Core. Students break down increasingly complex readings with close reading tools, guided instruction, and robust scaffolding as they apply each of the lesson's concepts back to its anchor text. Students build their writing and speaking skills in journal responses, discussions, frequent free response exercises, and essays or presentations, learning

to communicate clearly and credibly in narrative, argumentative, and explanatory styles. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments. This course is aligned with the Common Core State Standards for English Language Arts.

English Foundations I

Credit: 1 (Elective)

English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling.

Semester 1 provides instruction in basic reading skills and vocabulary building. The student learns what a successful reader does to attack words and sentences and make meaning from them. Semester 2 provides instruction in basic writing skills, introduces academic tools, and demonstrates effective study skills. The student learns step-by-step processes for building effective paragraphs and learns how to use academic tools such as reference books and outlines. To provide additional support, the course uses text features and visual clues to draw students' attention to important information. The use of text features is also designed to help students internalize strategies for comprehending informational text.

Characters appear throughout the instruction to offer tips and fix-up strategies in an authentic, first-person, think-aloud format. Their inclusion makes transparent the reading processes that go on inside the mind of a successful reader. This extra metacognitive support serves to bolster student confidence and provide a model of process and perseverance.

Numerous practice opportunities are provided in the form of assessments that move from no stakes to low stakes to high stakes throughout a unit. This practice is centered on authentic and age-appropriate passages that are written in a topical framework and use controlled syntax and vocabulary. The difficulty of these passages gradually increases from a 3rd- to 5th grade reading level over the duration of the course. Additional support is offered through significant formative feedback in practice and assessment.

This course guides students through the reading, writing, and basic academic skills needed to prepare for success in academic coursework. At the end of the course, the student should be poised for continued success in the academic world. The content is based on extensive national and state standards research and consultation with reading specialists and classroom teachers. It aligns to state standards for reading and writing and to NCTE/IRA reading and writing standards.

English Foundations II

Credit: 1 (Elective)

English Foundations II offers a year of skill building and strategy development in reading and writing. Semester one is a reading program designed to help struggling readers develop mastery in the areas of reading comprehension, vocabulary building, study skills, and media literacy. Semester two is a writing program which builds confidence in composition fundamentals by focusing on the areas of composing, grammar, style, and media literacy.

Both semesters are structured around ten mini-units which offer interactive instruction and guided practice in each of the four learning strands. Students read for a variety of purposes and write for a variety of audiences. The workshops stress high interest, engaging use of technology, relevant topics, and robustly scaffolded practice. Students learn to use different types of graphic organizers as they develop and internalize reading and writing process strategies. They build confidence as they develop skills and experience success on numerous low stakes assessments that encourage growth and reinforce learning.
The reading program content is based on the National Council of Teachers of English (NCTE), International Reading Association (IRA), National Reading Program (NRP), and McREL, standards and aligned to state standards. The writing program is based on the National Council of Teachers of English (NCTE) standards and aligned to state standards.

NOTE TO STAFF:
Courses that can transfer and be counted as a component of the student's English requirement:

- Speech, Drama or Debate can replace a half credit (1/2) in English 12.
- The DPIA Reading Lab must be placed as an elective.

Mathematics

Students at Mound Street Academies will earn a minimum of four (4) credits in mathematics as required by Ohio law. Two (2) of these credits must include Math I (Integrated Algebra I) and Math III (Integrated Algebra II). Each course is divided into two semester-lengths, ½ credit sections, A and B.

Introductory Algebra

Credit: 1

Introductory Algebra provides a curriculum focused on beginning algebraic concepts that prepare students for success in Algebra I. Through a "Discovery-Confirmation-Practice" based exploration of basic algebraic concepts, students are challenged to work toward a mastery of computational skills, to deepen their conceptual understanding of key ideas and solution strategies, and to extend their knowledge in a variety of problem-solving applications. Course topics include integers; the language of algebra; solving equations with addition, subtraction, multiplication, and division; fractions and decimals; measurement; exponents; solving equations with roots and powers; multi-step equations; and linear equations.

Within each Introductory Algebra lesson, students are supplied with a scaffolded note-taking guide, called a "Study Sheet," as well as a post-study "Checkup" activity, providing them the opportunity to hone their computational skills by working through a low-stakes, 10-question problem set before starting a formal assessment. Unit-level Introductory Algebra assessments include a computer-scored test and a scaffolded, teacher-scored test.

To assist students for whom language presents a barrier to learning or who are not reading at grade level, Introductory Algebra includes audio resources in both Spanish and English.

The content is based on the National Council of Teachers of Mathematics (NCTM) standards and is aligned to state standards.

Math I (Integrated Algebra)

Credit: 1

Math I (Integrated Algebra) builds students' command of geometric knowledge and linear and exponential relationships. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.

Course topics include relationships between quantities; linear and exponential relationships; reasoning with equations; descriptive statistics; congruence, proof, and constructions; and connecting algebra and geometry through coordinates.

This course supports all students as they develop computational fluency, deepen conceptual understanding, and apply Common Core's eight mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique

reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.
This course is aligned with the Common Core State Standards for Mathematics.

Math II (Integrated Geometry)

Credit: 1

Math II (Integrated Geometry) extends students' geometric knowledge and introduces them to quadratic expressions, equations, and functions, exploring the relationship between these and their linear and exponential counterparts. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.
Course topics include extending the number system; quadratic functions and modeling; expressions and equations; applications of probability; similarity, right-triangle trigonometry, and proof; and circles with and without coordinates.
This course supports all students as they develop computational fluency, deepen conceptual understanding, and apply Common Core's eight mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely. Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.
This course is aligned with the Common Core State Standards for Mathematics.

Math III (Integrated Algebra II)

Credit: 1

Math III (Integrated Algebra II) incorporates advanced functions, trigonometry, and probability and statistics as students synthesize their prior knowledge and solve increasingly challenging problems. Students learn through discovery and application, developing the skills they need to break down complex challenges and demonstrate their knowledge in new situations.
Course topics include formulating inferences and conclusions from data; polynomial, rational, and radical relationships; trigonometry of general triangles and trigonometric functions; and mathematical modeling.
This course supports all students as they simultaneously develop computational fluency, deepen conceptual understanding, and apply Common Core's eight mathematical practice skills. Students begin each lesson by discovering new concepts through guided instruction, and then confirm their understanding in an interactive, feedback-rich environment. Modeling activities

equip students with tools for analyzing a variety of real-world scenarios and mathematical ideas. Journaling activities allow students to reason abstractly and quantitatively, construct arguments, critique reasoning, and communicate precisely (optional). Performance tasks prepare students to synthesize their knowledge in novel, real-world scenarios and require that they make sense of multifaceted problems and persevere in solving them. Throughout the course, students are evaluated through a diversity of assessments specifically designed to prepare them for the content, form, and depth of the Common Core assessments.
This course is aligned with the Common Core State Standards for Mathematics.

Math Foundations I

Credit: 1 (Elective)
Math Foundations I offers a structured remediation solution based on the NCTM Curricular Focal Points and is designed to expedite student progress through 3rd- to 5th-grade skills. The course is appropriate for use as remediation for students in grades 6 to 12. When used in combination, Math Foundations I and Math Foundations II (covering grades 6 to 8) effectively remediate computational skills and conceptual understanding needed to undertake high school–level math courses with confidence.
Math Foundations I empowers students to progress at their optimum pace through over 80 semester hours of interactive instruction and assessment spanning 3rd- to 5th-grade math skills. Carefully paced, guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies to hone their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.
The content is based on the National Council of Teachers of Math (NCTM) April 2006 publication, Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence and is aligned to state standards.

Math Foundations II

Credit: 1 (Elective)
Based on the NCTM Curricular Focal Points, Math Foundations II is designed to expedite student progress through 6th- to 8th-grade skills. The course is appropriate for use as remediation at the high school level or as a bridge-to-high-school or as middle school curriculum. The program simultaneously builds the computational skills and the conceptual understanding needed to undertake high school–level math courses with confidence.
The course's carefully paced guided instruction is accompanied by interactive practice that is engaging and accessible. Formative assessments help students to understand areas of weakness and improve performance, while summative assessments chart progress and skill development. Early in the course, students develop general strategies to hone their problem-solving skills. Subsequent units provide a problem-solving strand that asks students to practice applying specific math skills to a variety of real-world contexts.

The content is based on the National Council of Teachers of Math (NCTM) April 2006 publication, Curricular Focal Points for Prekindergarten through Grade 8 Mathematics: A Quest for Coherence and is aligned to state standards.

NOTE TO STAFF:
Courses that can transfer and be counted as a component of the student's mathematics requirement:

- All traditional math courses such as: Algebra, Geometry, Algebra II, Trigonometry, Precalculus, and Calculus
- Transition to College Math
- Probability and Statistics
- Functions, Statistics, and Trigonometry
- OWE / OWA / CBI Math
- DPIA Math – can only count for ½ math credit regardless of how many credits earned in the class.

Social Studies

Students at Mound Street Academies will earn a minimum of three (3) credits of social studies as required by Ohio law. Of these three (3) credits, ½ credits must be in American History, American Government, and Economics. World History and American History are divided into two semester-lengths, ½ credit sections, A and B. American Government and Economics are individual ½ credit courses. All students enrolled in American History and American Government will take the EOC exam; this includes those students who will be taking the OGT.

American History since the Civil War

Credit: 1

This course traces the nation's history from the end of the Civil War to the present. It describes the emergence of the United States as an industrial nation, highlighting social policy as well as its role in modern world affairs.

Students evaluate the attempts to bind the nation together during Reconstruction while also exploring the growth of an industrial economy. Moving into the 20th and 21st centuries, students probe the economic and diplomatic interactions between the United States and other world players while investigating how the world wars, the Cold War, and the "information revolution" affected the lives of ordinary Americans. Woven through this chronological sequence is a strong focus on the changing conditions of women, African Americans, and other minority groups.

The course emphasizes the development of historical analysis skills such as comparing and contrasting, differentiating between facts and interpretations, considering multiple perspectives, and analyzing cause-and-effect relationships. These skills are applied to text interpretation and in written assignments that guide learners step-by-step through problem-solving activities.

The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

American Government

Credit: ½

American Government offers a purposeful curriculum that uses the perspective of political institutions to explore the history, organization, and functions of American government. Students explore the political culture of the United States and gain insight into the challenges faced by presidents, Congress, citizens, and political activists. Coverage focuses on the roles of political parties, interest groups, the media, and the Supreme Court. Special attention is paid to the relationship between individual Americans and their governing bodies.

Building social studies skills is a particular goal of the course. Toward that end, annotated readings of primary documents support comprehension and teach students how to read closely and make real-life connections. Writing assignments develop skills through clear step-by-step instruction. Extensive scaffolding aids below-proficient readers in understanding academic social studies content. Accessible text provides the adaptive scaffolding struggling readers need to find

success with challenging content such as primary source documents. Strategic scaffolding, including explicit comprehension and vocabulary strategies, helps students simultaneously develop their literacy skills.
The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994), and is aligned to state standards.
This course also contains supplemental material (presented in small group settings) on the Ohio Constitution, the roles of state and local governments, and the Northwest Ordinance. These items will be covered in an end of course exam to be administered after instruction is complete.

Economics

Credit: ½

Economics offers a tightly focused and scaffolded curriculum that provides an introduction to key economic principles.
The course covers fundamental properties of economics, including an examination of markets from both historical and current perspectives; the basics of supply and demand; the theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; the concept of money and how it evolved; the role of banks, investment houses, and the Federal Reserve; Keynesian economics; the productivity, wages, investment, and growth involved in capitalism; unemployment, inflations, and the national debt; and a survey of markets in areas such as China, Europe, and the Middle East.
Economics is designed to fall in the fourth year of social studies instruction. Students perfect their analytic writing through a scaffolded series of analytic assignments and written lesson tests. They also apply basic mathematics to economic concepts. Students read selections from annotated primary documents and apply those readings to the course content.
The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

World History

Credit: 1

World History covers the development of civilizations around the world. The course covers major themes in world history, including the development and influence of human-geographic relationships, political and social structures, economic systems, major religions and belief systems, the effects of science and technology, the vital role of the arts, and the importance of trade and cultural exchange.
Topics covered in this course include the Ancient cultures of Rome, Greece, China and Japan and the Reformation and its legacy, the Scientific Revolution, European exploration, the Enlightenment, political revolutions, the rise of nation-states, the industrial era, the spread of imperialism, and the issues and conflicts of the 20th and 21st centuries.
Primary source documents, which appear frequently, encourage students to make connections to evidence from the past. Writing skills are honed through a spiraled sequence of short analytic pieces.

The content is based on standards from the National Council for History Education (1997), the National Center for History in the Schools (1996), and the National Council for Social Studies (1994) and is aligned to state standards.

Science

Students at Mound Street Academies will earn a minimum of three (3) credits of science as required by Ohio law. Of these three (3) credits, one (1) credit must be in Physical Science and one (1) credit must be in Biology or Life Science. Each course is divided into two semester-lengths, ½ credit sections, A and B.

Physical Science

Credit: 1

Physical Science offers a focused curriculum designed around the understanding of critical physical science concepts, including the nature and structure of matter, the characteristics of energy, and the mastery of critical scientific skills. Topics include an introduction to kinematics, including gravity and two-dimensional motion; force; momentum; waves; electricity; atoms; the Periodic Table of Elements; molecular bonding; chemical reactivity; gases; and an introduction to nuclear energy. Teacher-graded labs encourage students to apply the scientific method.
The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.

Biology

Credit: 1

Biology focuses on the mastery of basic biological concepts and models while building scientific inquiry skills and exploring the connections between living things and their environment.
The course begins with an introduction to the nature of science and biology, including the major themes of structure and function, matter and energy flow, systems, and interconnectedness of life. Students then apply those themes to the structure and function of the cell, cellular metabolism, and biogeochemical cycles. Building on this foundation, students explore the connections and interactions between living things by studying genetics, ecosystems and natural selection, and evolution. The course ends with an applied look at human biology.
Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts.
Lab activities reinforce critical thinking, writing, and communication skills and help develop a deeper understanding of the nature of science.
The content is based on the National Science Education Standards (NSES) and is aligned to state standards.

Earth Science

Credit: 1

Earth Science offers a focused curriculum that explores Earth's composition, structure, processes, and history; its atmosphere, freshwater, and oceans; and its environment in space. Topics include an exploration of the major cycles that affect every aspect of life, including weather, climate, air movement, tectonics, volcanic eruptions, rocks, minerals, geologic history,

Earth's environment, sustainability, and energy resources. Optional teacher-graded labs encourage students to apply the scientific method.
The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.

Environmental Science

Credit: 1

Environmental Science explores the biological, physical, and sociological principles related to the environment in which organisms live on Earth, the biosphere. Course topics include natural systems on Earth, biogeochemical cycles, the nature of matter and energy, the flow of matter and energy through living systems, populations, communities, ecosystems, ecological pyramids, renewable and nonrenewable natural resources, land use, biodiversity, pollution, conservation, sustainability, and human impacts on the environment.
The course provides students with opportunities to learn and practice scientific skills within the context of relevant scientific questions. Scientific inquiry skills are embedded in the direct instruction, wherein students learn to ask scientific questions, deconstruct claims, form and test hypotheses, and use logic and evidence to draw conclusions about the concepts. Case studies of current environmental challenges introduce each content lesson and acquaint students with real-life environmental issues, debates, and solutions. Throughout this course, students are given an opportunity to understand how biology, earth science, and physical science are applied to the study of the environment and how technology and engineering are contributing solutions for studying and creating a sustainable biosphere.
The content is specifically aligned to state standards and the NGSS standards for life science, earth science, physical science, and engineering, technology, and society.

Science Foundations

Credit: 1 (Elective)
Science Foundations provides students with opportunities to develop the knowledge, skills, and strategies necessary for success in rigorous high school science courses. The course is appropriate for use as remediation at the high school level or as a bridge to high school.
Science Foundations is a two-semester course, with each semester containing 10 mini-units. Each mini-unit is composed of three lessons. The first lesson focuses on key concepts found in earth science, physical science, and life science. The second lesson reinforces reading and math skills students need to be successful with the content introduced in the first lesson. The third lesson introduces scientific inquiry and critical thinking skills that will help students thrive in science as well as other disciplines. Carefully paced, guided instruction is accompanied by engaging and accessible interactive practice. Checkup activities provide an opportunity to review content prior to assessment. Practice activities offer an opportunity to apply concepts that were presented in Study activities.
The course is based on National Science Education Standards (NSES) for middle school science.

NOTE TO STAFF:
Courses that can transfer and be counted as a component of the student's Science requirement:

- Physical Science Credit:
  - Physical Science
  - OWA / OWE / CBI Science
  - Integrated Science
  - Chemistry
  - Physics
  - Science - Technology

- Biology Credit:
  - Biology
  - Life Science
  - Anatomy
  - Genetics

- Earth Science Credit:
  - Geology
  - Environmental Science
  - Integrated Science
  - Earth/Space Science
  - Astronomy

Career-Based Intervention (CBI) Education

College & Career Intervention

Credit: ½

This course is required yearly, and is ongoing while attending Mound Street Academies. While utilizing OhioMeansJobs (www.ohiomeansjobs.com), students will get job search assistance, employee recruitment, job training, and much more. At minimum, students must complete the following:

a. Review the Guided Tour
b. Register with OhioMeansJobs K-12
c. Explore Your Career Interests
    i. Complete Career Cluster Inventory and view results
d. Launch Your Career Plan
    i. Select at least 2 occupations (per semester) and complete all activities 100%
        1. Students will write an exploratory paper on each occupation, including educational requirements, job description, starting pay through experienced pay and a plan to get there.
    ii. Must complete Career Profile
e. Research Expenses, Build Your Future Budget and Identify Your Target Salary
f. Your Tools for College and Career Readiness
    i. Complete Practice Tests and Tools
        1. Four ACT WorkKeys Practice Tests
g. Create Resume
h. Search for Job Options

College and Career Preparation I (CBI Related IA)

Credit: ½

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.

In College and Career Preparation I, students obtain a deeper understanding of what it means to be ready for college. Students are informed about the importance of high school performance in college admissions and how to prepare for college testing. They know the types of schools and degrees they may choose to pursue after high school and gain wide exposure to the financial resources available that make college attainable.

Career readiness is also a focus. Students connect the link between interests, college majors, and future careers by analyzing career clusters. Students come away from this course understanding how smart preparation and skill development in high school can lead into expansive career opportunities after they have completed their education and are ready for the working world.

Students who complete College and Career Preparation I have the basic skills and foundation of knowledge to progress into College and Career Preparation II, the capstone course that provides hands-on information about the transition from high school to college and career.

College and Career Preparation II (CBI Related IIA)

Credit: ½

High school students have many questions about the college application process, what it takes to be a successful college student, and how to begin thinking about their careers.

College and Career Preparation II builds on the lessons and skills in College and Career Preparation I. The course provides a step-by-step guide to choosing a college. It walks students through the process of filling out an application, including opportunities to practice, and takes an in-depth look at the various college-admission tests and assessments, as well financial aid options.

College and Career Preparation II also instructs students in interviewing techniques and provides career guidance. Students explore valuable opportunities such as job shadowing and internships when preparing for a career.

Students who complete this course obtain a deeper understanding of college and career readiness through informative, interactive critical thinking and analysis activities while sharpening their time management, organization, and learning skills that they learned in College and Career Preparation I.

College and Career Preparation II prepares students with the knowledge and skills to be successful in college and beyond.

CBI Work

Credit: ½

As part of the Career Based Instruction (CBI) program, students are expected to participate in paid employment or volunteer work experience at a non-profit organization for a minimum of 15 hours each week. For every 60 hours worked/volunteered, students receive a ½ credit (maximum of 4 ½ per year).

CBI Math

Credit: ½ (Elective Only)

CBI Math includes numerous lessons that offer targeted instruction, practice, and review. Students engage with the content in an interactive, feedback-rich environment as they progress through ACCUPLACER test-aligned modules. Students practice the mathematical skills essential to success on the ACCUPLACER Mathematics College Readiness Test. Students will be able to demonstrate the depth of knowledge, confidence, and higher-order skills required to demonstrate college level mastery of mathematics.

CBI Reading

Credit: ½ (Elective Only)

CBI Reading includes numerous lessons that offer targeted instruction, practice, and review. Students engage with the content in an interactive, feedback-rich environment as they progress

through ACCUPLACER test-aligned modules. Students learn and practice the reading and comprehension skills that are necessary for interpreting all genres of writing. Completing this course is a crucial step towards success on the ACCUPLACER Reading College Readiness Test.

CBI Writing

Credit: ½ (Elective Only)

CBI Writing includes numerous lessons that offer targeted instruction, practice, and review. Students engage with the content in an interactive, feedback-rich environment as they progress through ACCUPLACER test-aligned modules. Students gain the vocabulary, grammar skills and writing conventions essential to success on the ACCUPLACER Writing College Readiness Test. Completion of this course will assist students in their everyday lives, and assist them in getting a higher score on the ACCUPLACER Writing College Readiness Test.

Business Applications

Credit: ½

Business Applications prepares students to succeed in the workplace. Students begin by establishing an awareness of the roles essential to an organization's success, and then work to develop an understanding of professional communications and leadership skills. In doing so, students gain proficiency with word processing, email, and presentation management software. This course allows students to explore careers in business while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. Regular engagement in active learning ensures students can continually refine the skills necessary to prepare them for work. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.

Business Applications is an introductory level Career and Technical Education course applicable to programs of study in business, management, and administration; information technology; and other career clusters. This course is aligned with state and national standards. Students who successfully complete the course can go on to obtain the Microsoft® Office Specialist: Microsoft® Office Word certification.*

*Microsoft is a registered trademark of Microsoft Corporation in the United States and/or other countries.

Introduction to Health Science

Credit: ½

Introduction to Health Science provides the foundational knowledge and skills students need for careers in health care. Students begin by exploring the services, structure, and professions of the health care system. The remainder of the course focuses on day-to-day skills and expectations for health professionals, which include promoting wellness, maintaining a safe environment, creating medical records, and practicing good communication, collaboration, and leadership.

Using real-life scenarios and application-driven activities, students learn the responsibilities and challenges of being health care professionals. In addition to building their understanding of technical concepts and skills, students evaluate the qualifications required for specific careers and develop personal career plans to pursue work in the healthcare industry.
Introduction to Health Science is an introductory-level Career and Technical Education course for programs of study in health sciences. This course is aligned with state and national standards.

Electives

Health

Credit: ½

Health is a valuable, skills-based health education course designed for general education in grades 9 through 12. Health helps students develop knowledge, attitudes, and essential skills in a variety of health-related subjects, including mental and emotional health; nutrition; physical activity; substance use and abuse; injury prevention and safety; and personal health, environmental conservation, and community health resources.

Through use of accessible information and real-life simulations, students apply the seven health skills. These include access to valid health information; self-management; analysis of internal and external influences; interpersonal communication; decision-making; goal setting; and advocacy. Students who complete Health build the skills they need to protect, enhance, and promote their own health and the health of others.

The content is based on the National Science Teachers Association (NSTA) standards and is aligned to state standards.

Physical Education

Credit: ½

Physical Education combines the best of online instruction with actual student participation in weekly cardiovascular, aerobic, and muscle toning activities. The course promotes a keen understanding of the value of physical fitness and aims to motivate students to participate in physical activities throughout their lives.

Specific areas of study include: Cardiovascular exercise and care, safe exercising, building muscle strength and endurance, injury prevention, fitness skills and FITT benchmarks, goal setting, nutrition and diet (vitamins and minerals, food labels, evaluation product claims), and stress management. The course requires routine participation in adult-supervised physical activities. Successful completion of this course will require parent/legal guardian sign-off on student-selected physical activities and on weekly participation reports to verify the student is meeting his or her requirements and responsibilities. Under Ohio Law, all students will be required to participate in a Physical Education Evaluation.

Physical Education is aligned to national and state standards and the Presidential Council on Physical Fitness and Sports.