



FINDLAY DIGITAL ACADEMY

Where Learning Fits You™

Course Catalog

2018-2019

Revised August, 2018

Please take time to study the information presented in this section before selecting your classes. If you have any questions as you work your way through this process, please call or e-mail Mrs. Farrow wfarrow@fcs.org (419-429-8932) or Ms. Huffman (419-429-8935) lhuffman@fcs.org.

All students wishing to graduate from Findlay Digital Academy must:

- Pass all required State of Ohio Tests (Ohio Graduation Test, Performance Based Assessment, End of Course Exams, diagnostic tests, MAP test, etc).
- Successfully earn **20** total high school credits according to the tables below.
- Carry at least three (3) classes at all times during each semester.

The following table indicates the credit requirements for each graduating class. These requirements meet or exceed the State of Ohio Minimum Graduation requirements revised 9/15/01: SBA 55 and HBO 94. Please study this table carefully when selecting courses.

**Minimum Requirements for Graduation from Findlay Digital Academy
if Graduating During and after 2014.**

Course Area	Credits	Specifications
English	4	
Math	4	1 unit of Algebra II
Science	3	1 unit each of Physical Science, Life Science, & Advanced Science
Social Studies	3	1/2 unit each of American History and American Government
Health	½	
Physical Education	½	
Financial	½	Financial Literacy or Economics
Fine Arts	1	Art or Music or Career-Tech Curriculum
Electives	3 ½	

Honors Diploma

Course Area	Credits	Specifications
English	4	
Math	4	Including Algebra 1, Geometry, Algebra 2 and another higher level math
Science	4	Physical Science, Biology, Chemistry and Physics
Social Studies	4	Including ½ credit American History and ½ credit Government
Foreign Language	3 or 4	3 credits one language or 2 credits in each of two languages
Fine Arts	1	
Health	½	
Physical ED	½	
Financial Literacy	½	Financial Literacy
GPA		3.5 on 4.0 scale
ACT/SAT		27 ACT / 1210 SAT

*Electives: 4 credits. Must include any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education, or English language arts, mathematics, science or social science courses not required.

Suggested College Preparatory Curriculum

English	4 Credits
Math	4 Credits including Algebra, Geometry, and Algebra 2.
Science	1 Credit each of Physical Science, Life Science, & Advanced Science
Social Studies	3 Credits including World History, American History and U. S. Government
Foreign Language	2 or 3 Credits of the same foreign language
Physical Education	½ Credit
Health	½ Credit
Fine Arts	1 Credit (any art or music course)
Financial Literacy	½ Credit
Electives	2 Credits

Course Descriptions

Changes, additions, or deletions in these course descriptions may occur at any time throughout the school year.

English Department

English I

Credit: 1

This course develops an understanding of literary genres (fiction, nonfiction, poetry, rhetoric, essay and oratory) and communication skills (reading, writing, listening, viewing, speaking, and inquiring). Students will increase reading comprehension by practicing access to prior knowledge, using visualization techniques and creating graphic organizers. Learners will interpret and apply proper vocabulary and punctuation, identify facts/opinions in literature, examine effective uses of dialogue and analyze differences in perspective. Students will also focus on reading and writing personal and business letters, conducting research and exploring persuasive writing techniques.

English II

Credit: 1

This course builds upon the content, skills and concepts of English I. Students will extend their knowledge of common literary genres (short story, novel, drama, and poetry) from a diverse pool of authors and subject matter; and they will acquire the vocabulary, grammar, writing, research, and communication skills necessary for academic success. Students will improve reading and writing by

examining technical documents, social science-related literature, historical fiction and scientific articles. They will also explore persuasive writing and will develop an understanding of critical thinking skills as they apply to reading, writing, and discussion of literary works. Students will conduct critical research and synthesize findings in a presentation.

English III

Credit: 1

English III is a yearlong course designed for the general student of language arts as well as for the college-bound student. The course includes selected readings in American literature from short stories, essays, poems, drama, and novels. Students will develop listening and visual communication skills. Topics covered include effective writing, analyzing literature, writing process, and research.

English IV

Credit: 1

The focus of this senior level course is British literature. Students will read a broad selection of British literature and complete a comprehensive agenda of assignments designed to foster critical thinking. This class will enable learners to develop and use an expanding knowledge base and essential processes for effective communication. It will also cover symbolism, interpretation of drama, and documenting research.

Math Department

Algebra I

Credit: 1

This course will develop algebraic skills and concepts and enhance problem solving ability. Students will explore relationships between quantities, reasoning with equations, and linear and exponential relationships. Topics will include work with polynomials, quadratics, rational expressions, irrational numbers, coordinate graphing, basic statistics, and introduction to functions.

Geometry

Credit: 1

Properties of geometric figures will be discovered and discussed in this course. Methods of deductive and inductive reasoning will be introduced. The course includes a study of points, lines, planes and angles as well as parallelism, triangles, polygons, regular polygons, circles, areas and volumes, and a review

of coordinate geometry. The study of trigonometry of the right triangle and transformational geometry will be introduced.

Algebra II

Credit: 1

This course will review and extend an understanding of the number system, formulas, equations, and graphs. Subject matter includes quadratics, radicals, exponents, and complex numbers. An emphasis will be placed on trigonometric functions, modeling with functions and quadratic relationships. Students will analyze and interpret data, make inferences, justify conclusions and use probability to make decisions.

Consumer Math

Credit: 1

This course will cover the mathematics of discounts, wages, income tax, and money management. It will also focus on interest, credit, economics, and finance. The second semester of the course will explore fractions, ratios measurement, statistics, and percent.

Pre-calculus

Credit: 1

Pre-calculus builds on algebraic concepts to prepare students for calculus. The course begins with a review of basic algebraic concepts and moves into operations with functions, where students manipulate functions and their graphs. Pre-calculus also provides a detailed look at trigonometric functions, their graphs, the trigonometric identities, and the unit circle. Finally, students are introduced to polar coordinates, parametric equations, and limits.

Probability & Statistics

Credit: 1

This course is designed for students in grades 11 and 12 who may not have attained a deep and integrated understanding of the topics in earlier grades. Students acquire a comprehensive understanding of how to represent and interpret data; how to relate data sets; independent and conditional probability; applying probability; making relevant inferences and conclusions; and how to use probability to make decisions.

Science Department

Physical/Earth Science

Credit: 1

Physical Science will provide a scientific way of thinking, problem solving and an overview of essential science content in the areas of physics and chemistry. Major topics included in this course are forms and properties of matter, bonding and types of compounds, types of mixtures, energy, energy applications, forces, and motion. Students will study these topics from both a regional and global perspective and emerge with an understanding of the interconnected nature of all the natural and physical components of our world.

Biological Science

Credit: 1

Biology is the study of life and reactions that drive biological processes. Areas of study include the chemistry, structure and functions of the cell; molecular basis of heredity; biological change over time; behaviors and interdependence of organisms and matter; energy and organization in living systems. Plant and animal structure and function will also be covered. Activities will stress scientific inquiry, communication, and applications relevant to society.

Chemistry

Credit: 1

Chemistry is the systematic study, involving the scientific method, of matter, its properties, composition, and changes. Students will study matter and atomic structure, and will use the periodic table to identify and/or predict properties of elements. Other topics will include behavior of gases, chemical bonding, acids and bases, reactions, energy changes, organic and environmental chemistry and more. The use of mathematics is an integral part of this course. Real-world examples are used throughout the course to provide context for student learning

Physics

Credit: 1

Physics is the study of the physical laws of nature. Students will investigate the motion of objects and the forces that cause it. Learners will apply knowledge of the relationships between time, velocity, displacement and acceleration. Additional topics covered include waves, light and sound, force and motion, electrostatics, circuitry, magnetism, and atomic and modern physics.

Earth & Space Science

Credit: 1

Earth and Space Science is a course that encompasses many fields of study. Concepts of physics, geology, chemistry, biology, and history are integrated within this course. As a result, one of the central goals of Earth and Space Science is to explain the history and evolution of Earth as we know it, as well as the processes that change our planet today. At the high school level, students will explore the effects of human activity on Earth, the human effect on Earth's systems, and the human role within our universe. This course will help students understand the formation of our universe and flow of energy via internal systems such as weather, erosion, and climate change.

Social Studies Department

World History

Credit: 1

Students continue the chronological study of world history, incorporating each of the seven social studies standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

American History

Credit: 1

This course covers the years of 1865 through the Clinton/Bush years. Students will study the Indian way of life, the Industrial nation, Reformation, involvement in WWI through the Great Depression, involvement in WWII, Civil Rights through the Vietnam and Cold War, and prosperity then terrorism. An end of course exam is required for completion of this course.

Economics

Credit 0.5

This .5 credit course looks at how individuals, businesses and governments utilize scarce resources that are available to them. Economics is a social science that deals with the production, distribution and consumption of goods or services.

U.S. Government

Credit: 1

Students will complete an in-depth study of the United States government and economy. All seven standards contribute to the students' understanding of the political economic systems of the United States. They will develop a deeper understanding of their roles as citizens and continue to expand their command of social studies skills and methods. An end of course exam is required for completion of this course. Recommended for grade level: 11,12

Geography

Credit: 0.5

Students will apply their skills and knowledge of geography learned in earlier grades and will participate in assignments. Topics covered include the earth, the United States, Canada, Europe, Russia, and Oceania.

Civics

Credit: 0.5

This course will cover questions such as: What are Politics and Government? What is Democracy? Students will explore the basic concepts of power and authority, citizenship, and involvement in world affairs. Economic systems will be covered which will include the foundations of economy, market economy, business cycles, governmental influence and the purpose/effects of institutions among many other pieces that make up government and economics.

Physical Education & Health Department

Physical Education

Credit: 0.5

Students will participate in physical activities of their choice and report their hours to the instructor, and complete various reports regarding nutrition, physical activity, different sports, and other topics. Students are required to complete 120 hours of physical education course instruction, including both physical activities (a minimum of 60 hours for the course) and classroom activities.

Health

Credit: 0.5

This class will focus on an understanding of the issues of leading a healthy life. Topics covered during the course are as follows: nutrition, alcohol, tobacco and other drugs, conflict management, injury prevention & control, lifetime sport and leisure skill development, total fitness, mental & emotional health, prevention of disease and infection, and environmental health.

Fine Arts

Music Appreciation

Credit: 0.5

Music is part of everyday lives and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

Music Appreciation: The Enjoyment of Listening

Credit: 0.5

Music is part of everyday life and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course provides students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st Century. Students acquire basic knowledge and listening skills, making their future music experiences more informed and enriching.

Art History & Appreciation

Credit: 0.5

This course explores the main concepts of art, expression, and creativity as it helps students answer questions such as what is art; what is creativity; and how and why people respond to art. It covers essential design principles such as emphasis, balance, and unity. Units include: Art, History, and Culture; Western and World Art Appreciation; and Art and the Modern World.

Art In World Cultures

Credit: 0.5

Who is the greatest artist of all time? Is it Leonardo daVinci? Claude Monet? Michelangelo? Pablo Picasso? Is the greatest artist of all time someone whose name has been lost to history? You will learn about some of the greatest artists while also creating art of your own, including digital art. We will explore the basic principles and elements of art, learn how to critique art, and examine some of the

traditional art of the Americas, Africa, and Oceania in addition to the development of Western art.

Introduction to Visual Arts

Credit: .05

This course is designed to enable all students at the high school level to familiarize themselves with different types of visual arts. The students will explore units in: Creativity and Expression in Art, Elements of Art, History of Art, Cultural Heritage of Art, Drawing, Printing, Painting, Graphic Design and Illustration, and Multimedia.

Global Languages

French 1

Credit: 1

This course is based on a researched scope and sequence that covers the essential concepts of French. Class discussions provide an opportunity for discourse on specific topics in French. A key support tool is the Audio Recording Tool that enables students to learn a critical skill for French: listening and speaking. Beginning with learning personal greetings and continuing through practical communications exchanges, French 1B introduces students to the skills necessary to make the most of traveling to French-speaking countries.

French II

Credit: 1

Each of these semesters is designed to build on the principles mastered in French 1 and use a combination of online curriculum, electronic learning activities, and supporting interactive activities to fully engage learners. Unit pretests, post-tests, and end-of-semester tests identify strengths and weaknesses, helping to create a more personalized and effective learning experience. As with French 1, these 90-day courses emphasize practical communication skills while also building intercultural awareness and sensitivity.

Additional Electives

Creative Writing

Credit: 0.5

This course is designed to get students to pursue creative writing as a vocation or as a hobby. To that purpose, it exposes them to different genres and techniques of creative writing, as also the key elements (such as plot and characterization in fiction) in each genre. Great creative writing does not come merely by reading about the craft—one also needs ideas; a process for planning, drafting and revising; and the opportunity to experiment with different forms and genres. The lesson tutorials in this course familiarize students with the basic structure and elements of different types or genres of writing.

Computing for College and Careers

Credit: 0.5

Technology Applications introduces useful computer applications. Students will learn about computers, their history and the Internet. Students will also learn about word processing, database management, spreadsheet creation and graphics manipulation. Students will be evaluated through completed projects demonstrating knowledge and skills learned.

Anthropology 1: Uncovering Human Mysteries

Credit: 0.5

Anthropology uses a broad approach to give students an understanding of our past, present, and future, and also addresses the problems humans face in biological, social, and cultural life. This course explores the evolution, similarity, and diversity of humankind through time. It looks at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys are just one of the powerful learning tools utilized in this course.

Anthropology 2: More Human Mysteries Uncovered

Credit: 0.5

This course continues the study of global cultures and the ways that humans have made sense of their world. It examines ways that cultures have understood and given meaning to different stages of life and death. The course also examines the creation of art within cultures and how cultures evolve and change

over time. Finally, students apply the concepts and insights learned from the study of anthropology to several cultures found in the world today.

Archaeology: Detectives of the Past

Credit: 0.5

The field of archaeology helps us better understand the events and societies of the past that have helped to shape the modern world. This course focuses on the techniques, methods, and theories that guide the study of the past. Students learn how archaeological research is conducted and interpreted, as well as how artifacts are located and preserved. Finally, students learn about the relationship of material items to culture and what we can learn about past societies from these items.

Human Geography: Our Global Identity

Credit: 0.5

How do language, religion, and landscape affect the physical environment? How do geography, weather, and location affect customs and lifestyle? Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form, and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

Personal & Family Finance

Credit: 0.5

How do personal financial habits affect students' financial futures? How can they make smart decisions with money in the areas of saving, spending, and investing? This course introduces students to basic financial habits such as setting financial goals, budgeting, and creating financial plans. Students learn about topics such as taxation, financial institutions, credit, and money management. The course also addresses how occupations and educational choices can influence personal financial planning, and how individuals can protect themselves from identity theft.

Sociology 1: The Study of Human Relationships

Credit: 0.5

The world is becoming more complex. How do beliefs, values and behaviors affect people and the world in which we live? Students examine social problems in our increasingly connected world, and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys are an important component of this relevant and engaging course.

Sociology 2: Your Social Life

Credit: 0.5

Sociology is the study of people, social life, and society. By developing a “sociological imagination” students are able to examine how society itself shapes human action and beliefs, and how in turn these factors re-shape society itself. Fascinating online video journeys will not only inform students, but motivate them to seek more knowledge on their own.

Introduction to Anthropology

Credit: 0.5

Introduction to Anthropology is a one-semester course with 14 lessons that introduce students to the field of anthropology. Students will explore the evolution of anthropology as a distinct discipline, learn about anthropological terms, concepts and theories, and discuss the evolution of humans and human society and culture. Students will also learn about social institutions, such as marriage, economy, religion, and polity. The target audience for this course is high school students.

Introduction to Archology

Credit: 0.5

Introduction to Archaeology is a one-semester course with 14 lessons that discuss the work and techniques involved in archaeology, and the prospects of an archaeologist. This course covers subject areas such as: history of modern archaeology, discoveries in archaeology, careers in archaeology, research techniques, evidence, site excavation, and many more.

Psychology A/B

Credit: 0.5

This flexible, customizable course gives your students an overview of the history of psychology while also giving them the resources to explore career opportunities in the field. Students will learn how psychologists develop and validate theories and will examine how hereditary, social, and cultural factors help form an individual's behavior and attitudes. Students will also evaluate the effectiveness of different types of psychological counseling and therapy. Highly interactive content includes online discussions that help develop critical thinking skills.

Sociology

Credit: 0.5

In this course, students will explore the evolution of sociology as a distinct discipline while learning about sociological concepts and processes. They will learn how the individual relates to and impacts society. Students will also learn about the influence of culture, social structure, socialization, and social change on themselves and others. The course combines a variety of content types, including lessons, activities, discussions, and games to engage learners as they discover sociology as a subject and as a career.

Social Issues

Credit: 0.5

Because the specifics of social issues change rapidly, this course is designed to have students discover contemporary and relevant perspectives on issues that may have been around for centuries. Students engage in significant research and each lesson ends with an essay assignment that encourages students to express their opinions. Topics include media, government, civil liberties, poverty, terrorism, crime, the environment, and many more.

Career Technical Education

Career Explorations

Credit: 0.5

The 21 lessons and additional activities in this one-semester course are fundamental to ensuring career readiness on the part of your students. Covering such essentials as developing and practicing a strong work ethic, time management, communication, teamwork, and the fundamentals of workplace organizations, Career Explorations develops not just essential skills, but the confidence in themselves and their abilities to present themselves that your students need as they prepare to embark on their chosen careers.

Essential Career Skills

Credit: 0.5

This course helps students understand and practice critical life and workplace readiness skills identified by employers, state boards of education, and Advance CTE. These skills include personal characteristics, such as positive work ethic, integrity, self-representation, and resourcefulness, as well as key people skills, communication skills, and broadly-applicable professional and technical skills. These skills are universally valuable but sometimes assumed or glossed over in more career-specific courses. For that reason, this provides students with a solid foundation in their career studies.

Child Development & Parenting A/B

Credit: 0.5

As adulthood and its accompanying responsibilities become closer for many of your students, this one-semester course with 12 lessons introduces them to the basics of parenting. Students will learn the nuances of parenting including learning about prenatal and postnatal care and gain insights on the nurture of children. Students will also learn about the importance of positive parenting skills, parent-child communication, and ways to use community resources for effective parenting. Activities will help your students connect leading research to real-life experience.

Graphic Design & Illustration A/B

Credit: 0.5

This course will help students develop an understanding of the industry with a focus on topics such as history of graphic design, types of digital images, graphic design tools, storing and manipulating images, design elements and principles, copyright laws, and printing images. The course is based on Career Technical Education (CTE) standards designed to help students develop technical knowledge and skills needed for success in the graphic design industry.

Health Science 1 A/B

Credit: 0.5

The course is based on Career and Technical Education (CTE) standards to help students develop technical knowledge and skills needed for success in the health science industry. Semester A is designed to enable all students at the high-school level to understand the basic structure and function of the human body and it will help the students identify and analyze the diseases and medical procedures related to each body system. Semester B will help the students develop an understanding of biomolecules such as proteins, carbohydrates, and lipids; biological and chemical processes; and various diseases that affect the body.

Principles of Law, Public Safety, Corrections, & Security A/B

Credit: 0.5

For many reasons, high school students are drawn to learning about the careers addressed in this course. This course includes 15 lessons that help students learn about careers that make a powerful impact in all of our lives. From criminal law to every phase of the trial process, the course moves on to include lessons on the correctional system and the implications of legal ethics and the constitution.

End of Course Preparation

Ohio English 1 End-of-Course A/B Preparation

Credit: 0.5

This course targets instruction to maximize students' performance on the English 1 End-of-Course high-stakes exam. It provides students with an electronic learning path, self-paced curriculum, and content-based assessments in English 1. This course is only available for students who have already taken English 1.

Ohio English 2 End-of-Course A/B Preparation

Credit: 0.5

This course targets instruction to maximize students' performance on the English 2 End-of-Course high-stakes exam. It provides students with an electronic learning path, self-paced curriculum, and content-based assessments in English 2. This course is only available for students who have already taken English 2.

Ohio American History End-of-Course A/B Preparation

Credit: 0.5

This course targets instruction to maximize students' performance on the American History End-of-Course high-stakes exam. It provides students with an electronic learning path, self-paced curriculum, and content-based assessments in American History. This course is only available for students who have already taken American History.

Ohio American Government End-of-Course

Credit: 0.5

Each unit in Ohio American Government End-of-Course provides learners with a cohesive and connected learning experience. Research strongly supports the use of connections to increase learner achievement. The lessons in this course mainly focus on the principles and foundation of US democracy along with the structure, hierarchy, branches, and powers of the US government. The course goes on to apply those foundational concepts to discuss US foreign and domestic policies, as well as the principles and regulation of the US economy. The course also provides insights on the political system, civic duties, civic participation, and citizenship in the United States.