



High School Course Offerings, 2017-2018

English I

Develop language arts skills by reading, writing, listening, viewing, and speaking. You will learn to use the English language to successfully express yourself.

Pre-Requisites: Recommended: MJ Language Arts 3

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments

This course is also available in Honors.

English II

In English II, you will encounter new vocabulary, refine the grammar and mechanics of your writing, and engage in thought-provoking projects. Throughout the course, you will discover how the human experience is the foundation of the best stories, plays, poems, films, and articles.

Pre-Requisites: English I recommended

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments

This course is also available in Honors.

English III

Acquire the language, reading, writing, and speaking/listening skills necessary for success in college, career, and beyond. Become a critical reader and thinker as you dive deeply into the texts presented throughout this course. You will learn how to effectively research and integrate your findings, as well as citing your sources.

Pre-Requisites: English I & II recommended

Credits: 0.5 (per semester)

Estimated Completion Time: 2 segments

English IV

Choose pieces of literature that interest you; then analyze the subject matter and persuasively express your own ideas.

Pre-Requisites: English I, II, & III recommended

Credits: 0.5 (per segment)

Estimated Completion Time: 2 Segments



Business English

In this course, students will explore communication in the workplace, including emails, resumes, job applications, and interview skills. The course will focus on writing applications and students will explore literature, narratives, and informational texts.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

***Only offered during the Spring Semester*

AP English Language and Composition

Read and analyze prose written in various periods, disciplines, and rhetorical contexts while gaining an understanding of the interactions among a writer's purposes, audience expectations, and subjects. This course meets one required English credit for high school graduation, and can give college credit based on the results of the end of course exam.

Pre-Requisites: English 1, English 2, ACT math score of 18

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

***Only offered during the Spring Semester*

Developmental English

This course is designed to strengthen writing skills in order to prepare students to meet the pre-requisites to be enrolled in College Composition 101.

Pre-Requisites: English 1, English 2, ACT score of 14 or higher

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

***Note: this course is strictly for those who have not yet met the ACT requirement to be eligible to enroll in Dual Enrollment. This class does not count towards TOPS University requirements.*



College Composition I

This course is a college level course designed to give you high school credit for English 3, along with 3 hours of college credit. Please note: you must meet the pre-requisite ACT requirements to be enrolled in this course.

Pre-Requisites: English 1, English 2, ACT math score of 18 or higher (Note: qualifying Pre-ACT score may be substituted for this requirement)

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

College Composition II

This course is a college level course designed to give you high school credit for English 4, along with 3 hours of college credit. Please note: you must meet the pre-requisite ACT requirements or have successfully completed 101 to be enrolled in this course.

Pre-Requisites: English 1, English 2, ACT math score of 26 or higher OR successful completion of College Composition 101

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Algebra I

Algebra I emphasizes the importance of algebra in everyday life through hundreds of real-world examples. Assessments are designed to ensure that your understanding goes beyond rote memorization of steps and procedures. Upon successful course completion, you will have a strong foundation in Algebra I and will be prepared for other higher level math courses.

Pre-Requisites: Successful completion of MJ Grade 7 Mathematics Advanced or MJ Grade 8 Pre-Algebra.

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments

This course is also available in Honors.

Geometry

Geometry exists everywhere in the world around you. We use it to build bridges, to design maps, or to create perspective in paintings. Throughout this course, you will use problem solving and real world application to gain the knowledge of geometric concepts and their practical uses.

Pre-Requisites: Recommended for students that have completed Algebra I

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments

This course is also available in Honors



Algebra II

Starting with a review of basic algebra, you will learn polynomials, quadratic equations, exponential and logarithmic relations, and probability and statistics. Throughout the course, these mathematical concepts are applied to everyday occurrences to get a better understanding of how the world around us functions.

Pre-Requisites: Algebra 1, Geometry

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

Advanced Math (Pre-Calculus)

As a mathematical analyst, you will investigate how advanced mathematics concepts can solve problems encountered in operating national parks. This course includes analytical geometry and trigonometry.

Pre-Requisites: Algebra I, Geometry, & Algebra II

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Math Essentials

This course is designed to strengthen mathematical skills for study beyond Pre-Algebra.

Pre-Requisites: Pre-Algebra

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Math Essentials Developmental

This course is designed to strengthen mathematical skills for study beyond Algebra in order to prepare students to meet the pre-requisites to be enrolled in College Algebra at a University.

Pre-Requisites: Algebra 1, Geometry, Algebra 2, ACT score of 17 or higher

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

**Note: this course is strictly for those who have not yet met the ACT requirement to be eligible to enroll in Dual Enrollment. This class does not count towards TOPS University requirements.*



College Algebra DE

This course is a college level course designed to give you high school credit for Algebra III, along with 3 hours of college credit. Please note: you must meet the pre-requisite ACT requirements to be enrolled in this course.

Pre-Requisites: Algebra 1, Geometry, Algebra 2, ACT math score of 19 or higher (can be substituted for qualifying Pre-ACT score)

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Plane Trigonometry DE

This course is a college level course designed to give you high school credit for advanced math pre-calculus, along with 3 hours of college credit. Please note: you must meet the pre-requisite ACT requirements to be enrolled in this course.

Pre-Requisites: Algebra 1, Geometry, Algebra 2, ACT math score of 26 or higher OR successful completion of College Algebra 101

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Physical Science

Build a foundation for studying physical sciences, including basic physics and chemistry, as you explore this interactive course. Topics include forces and motion, energy through waves, electricity and magnetism, the matter around us, chemical bonding, and reactions.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

Biology

Explore the structure, function, diversity, and evolution of living matter by taking an in-depth look at the fundamental characteristics of living organisms. You will have the opportunity to perform hands-on lab activities and develop relationships through collaborative learning.

Pre-Requisites: None

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments

This course is also available in Honors.



Chemistry

This course provides a foundation of chemistry concepts, including: scientific inquiry, Web 2.0 tools, interactive experiences, higher-order thinking, collaborative projects, real-world application, and a variety of assessments.

Pre-Requisites: Algebra I

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

Physics

Discover the contributions of geniuses like Galileo, Newton, and Einstein by learning about the concepts, theories, and laws that govern the interaction of matter, energy, and forces.

Pre-Requisites: Algebra I & II recommended

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

Earth Science

This laboratory course focuses on the study of the geologic and atmospheric forces that shape our world. Through experimentation and investigation, you will explore Earth's cycles, including the geosphere, hydrosphere, cryosphere, atmosphere, and carbon cycle.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Environmental Science

Students enrolled in this course will explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible forces that have shaped and changed our planet. As climate change and energy conservation become a hot topic in national discourse, it is important for students to understand the concepts and causes of our changing earth. Earth science will provide a solid foundation for understanding the physical characteristics that make the planet Earth unique and will examine how these characteristics differ amount the planets of our solar system.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



World Geography

This course surveys the 10 major regions of the world. Students will examine the physical geography, history, and population patterns that contribute to each region's present-day geography with in-depth exploration of contemporary issues. Human well-being will also be evaluated using a variety of measurement. "

Pre-Requisites: None, B average in English and Social studies preferred for honors

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

Civics

Explore the principles that inspired the Constitution and Bill of Rights and examine each branch of government, the election process, and how you can impact public policy. You will also discover how the United States interacts with other countries.

Pre-Requisites:

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

This course is also available in Honors.

United States History

Investigate the people, events, and ideas that have shaped the United States from the end of the Civil War through today while applying what you learn to real-world problems

Pre-Requisites:

Credits: 0.5 (per segment)

Estimated Completion Time: 2 segments



United States History Dual Enrollment I/HIST 2010

This course will provide a survey of United States History until 1865. Students will demonstrate knowledge of important historical events and people in the Colonial, Revolutionary, Antebellum, and Civil War periods of American history; Locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material; and compose essays examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form.

Pre-Requisites:

Credits: 1.0 (per block) (3.0 lecture hours)

Estimated Completion Time: 1 block (3.0 lecture hours)

United States History Dual Enrollment II/HIST 2020

This course will present a survey of United States History from 1865 to present day. Students will demonstrate knowledge of important historical events and people in the nineteenth and twentieth century periods of American history; Locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material; and compose essays examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form. Students must complete the United State History End of Course (EOC) examination upon completion of the course.

Pre-Requisites: History 1010 preferred

Credits: 1.0 (per block) (3.0 lecture hours)

Estimated Completion Time: 1 block (3.0 lecture hours)

***Note: Upon completion of this course, you will be required to take the U.S. History End of Course Assessment. Please be aware of this when you enroll.**

World History

Join Ali and Soo-jin, our modern time travelers, as they journey through history. Discover the connections between world events and eras, from the Roman Empire through the Industrial Revolution, and explore development in our modern world, as well as the implications that historical events have on us today.

Pre-Requisites:

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



World History Dual Enrollment I/HIST 1010

This course is a survey of Western Civilization from the beginning to A.D. 1500. Upon successful completion of this course, the student will be able to: demonstrate knowledge of important historical events and people in the Ancient and Medieval periods in western civilization; locate and retrieve historical data relevant to the peoples events, movements and institutions covered in the course material and compose an essay examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form.

Pre-Requisites:

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

World History Dual Enrollment II/HIST 1020

This is the second segment of a survey on Western Civilization from 1500 to present. Upon successful completion of this course, the student will be able to: demonstrate knowledge of important historical events and people in the Renaissance, Enlightenment, and Modern periods of world history and locate and retrieve historical data relevant to the peoples, events, movements and institutions covered in the course material, and compose an essay examining germane events (examples: historical political, military, religious, social, economic, or cultural events of significance) that is properly structured, clearly stated, factually precise, and complete in form.

Pre-Requisites:

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Physical Education I

Aimed at lifelong fitness, this course guides you in strategies and techniques to make continual improvements in all areas of wellness. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. This course uses videos, graphics, and interactive learning opportunities to encourage you to get out and be active. By following personalized training principles, you can gain confidence from personal success while developing healthy habits that will last a lifetime.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



Physical Education II

Aimed at expanding lifelong fitness, this course guides you in strategies and techniques to make continual improvements in all areas of wellness. With the guidance of a training instructor, you'll set personal goals in four areas of wellness: physical, emotional, social, and academic. This course uses videos, graphics, and interactive learning opportunities to encourage you to get out and be active. By following personalized training principles, you can gain confidence from personal success while developing healthy habits that will last a lifetime.

Pre-Requisites: None

Credits: 0.5 (per block)

Estimated Completion Time: 1/2 block – 9 weeks

Health

This course is designed to expose students to a broad range of issues and information relating to the various aspects of personal health, which include the physical, social, emotional, intellectual, and environmental aspects.

Pre-Requisites: None

Credits: 0.5 (per block)

Estimated Completion Time: 1/2 block – 9 weeks

**Note: Physical Education II and Health will be double blocked in the spring. A student will complete Physical Education II the first 9 weeks and Health the second 9 weeks.*

ACT Prep 1

This course is designed to equip you with the skills you will need to perform successfully on the ACT test. This course will work on building your English, reading, math and science skills by providing you with practice opportunities and tools.

Pre-Requisites: Algebra 1 & English 1 preferred

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Basic Career Readiness

This course will empower students to take an active role in planning their academic and career experiences. We will focus on basic career readiness topics such as: the work place, setting goals, and job skills.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



Music Theory

Why does music affect us the way it does? There is no escaping music; it's everywhere. Together we will discover how and why music has helped shape our culture through the centuries. This course will explore music's history, its basic elements, and its power to alter entire societies.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

**Note: This course meets the requirements to fulfill the TOPS Fine Art Credit needed.*

Spanish I

Learn basic Spanish grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, listening, and speaking exercises.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Spanish II

Strengthen your Spanish listening, speaking, reading, and writing skills while experiencing the beauty and expressiveness of a language that is shared by different people and cultures throughout the world.

Pre-Requisites: Spanish I

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

French I

Learn basic French grammar to help build your fluency and understanding, and apply what you learn through interactive games, written practice, and listening and speaking exercises.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



French II

Strengthen your French listening, speaking, reading, and writing skills with engaging and interactive videos, dialogs, presentations, self-checks, and much more.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

IBCA (MOS – Word & PowerPoint)

This two-semester course introduces students to the features and functionalities of Microsoft® Office® while preparing them for the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word and PowerPoint. By the end of the course, students are prepared to take one or more MOS certification exams.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Computer Technology Literacy

Diving into this exciting course provides you with the foundational skills needed for future careers in game development, web design, military defense and software engineering. You'll explore Microsoft Office online applications, digital design, emerging technologies, Information Technology careers, and much more! Learn your strengths and how they relate to potential career opportunities. This course serves as a prerequisite to many career and technical education programs of study.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



Customer Service

The Customer is always right! You have probably heard this statement before and wondered if it is true. In this Customer Service course, you will explore the importance of customer service in the retail industry, in business and in life. Your success in any career requires specific verbal and non-verbal communication skills. In order to sell a product, service or idea, the way you handle customer interactions will either create raving fans or drive customers straight to the competition. Your role as a Customer Service Associate is to build and maintain relationships with your customer in order to meet their needs. Assessing customer needs, educating the customer and dealing with difficult customers are just some of the skills you will learn in Customer Service. What's in it for you? Customer service skills are transferable to any career pathway and are a foundation for success in your career and life. Customer Service will also prepare you for the National Retail Federation (NRF) Customer Service and Sales Certification Exam, your chance to earn a valuable industry-based certification.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Entrepreneurship I - Micro Enterprise

Have you ever dreamed of owning your own business and working for yourself? Does the thought of owning your own business scare you? In **Entrepreneurship I-Your Micro-Enterprise**, you will discover if starting a small business is the right career choice for you. You will perform real-world activities such as forming a start-up. You will apply for funding with an online credit financing company. You will have the opportunity to register your business with the Louisiana Secretary of State. What's in it for you? By the end of this course, you will have practical experience in creating a business plan for your Micro-Enterprise. You will have mastered critical workplace behaviors and communication skills necessary to be a business owner or a valued employee. Skills taught in **Entrepreneurship I -Your Micro-Enterprise** are transferable to any career pathway and is a foundation for success in your career and life. This course will also prepare you for the Micro-Enterprise Credential sponsored by the Baton Rouge Area Chamber.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block



Financial Math (Consumer Math)

Become a more informed consumer, producer, investor, and taxpayer and learn how your choices directly affect your future.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

*Note: this course does not fulfill TOPS requirements for a fourth math course, but can be considered as an elective.

Web Design I

We will be using an online course built by the expert programmers at Operation Spark to introduce you to the world of web design.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

Art History I DE

This dual enrollment course will cover topics covered in the college Art History course. This is a dual enrollment course where you will receive college credit with a passing grade.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block

College and Career Success DE

This dual enrollment course will cover topics covered in the College and Career Success course. This is a dual enrollment course where you will receive college credit with a passing grade.

Pre-Requisites: None

Credits: 1.0 (per block)

Estimated Completion Time: 1 block