



MOUNT DORA CHRISTIAN ACADEMY

COURSE CATALOG

2021
2022



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GRADUATION REQUIREMENTS CHECKLIST

Student Name: _____

English (4 Credits)

_____ English 9	Honors
_____ English 10	Honors
_____ English 11	DE AP
_____ English 12	DE AP

Science (3 or 4 Credits)

_____ Biology	Honors
_____ Chemistry (Not required after Class of 2022)	Honors

Math (4 Credits)

_____ Algebra I	Honors
_____ Geometry	Honors
_____ Algebra II	Honors

Social Studies (3 or 4 Credits)

_____ World History	Honors	AP
_____ U.S. History	Honors	AP
_____ Govt/Econ	Honors	

Bible (4 Credits)

_____ Bible/Ignite 9
_____ Bible/Ignite 10
_____ Bible/Ignite 11
_____ Bible/Ignite 12

World Language (2 Credits)

_____ World Language 1
_____ World Language 2

Other Requirements (2 Credits)

_____ HOPE
_____ Art or Technology

Electives (4 Credits)

_____	_____
_____	_____
_____	_____
_____	_____

27 Total Credits Required for Graduation

HONORS, DUAL ENROLLMENT, AND AP ELIGIBILITY REQUIREMENTS

HONORS ELIGIBILITY REQUIREMENTS*

- Standardized testing score in 70th percentile or higher,
- An A average in the prerequisite course or a B average if the prerequisite was an honors or AP-level course, and
- Teacher recommendation

DUAL ENROLLMENT ELIGIBILITY REQUIREMENTS

- Satisfactory score on SAT, ACT, or PERT test (can vary by course),
- 3.0 or higher unweighted high school GPA, and
- Counselor recommendation

AP ELIGIBILITY REQUIREMENT*

- Satisfactory score on standardized testing,
- An A average in the prerequisite course or a B average if the prerequisite was an AP-level course,
- Teacher recommendation

***NOTE:** Students meeting all of the Honors or AP Eligibility Requirements have priority in registering for courses. Students who do not meet all requirements will be considered on a case by case basis.

BIBLE COURSES

BIBLE 6-8

Level: Grades 6-8

The Mission of God and the Secret of the Golden Thread invites students on a global journey to evaluate the trustworthiness of the Bible. Throughout the journey, students will examine the plot and four significant motifs within the story of Scripture to uncover the secret of the Golden thread and how it applies to their lives. This course invites students on a global journey to examine the historicity and the plot of the greatest story ever told. Students will be challenged to objectively investigate four of the significant motifs throughout the plot of the Hebrew Bible. This is not a survey course but an introduction to a relational, missional God who created us with purpose and invites us to know Him, and not merely about Him. Students will be invited to consider a personal relationship and to practice a daily awareness in their approach and response to the God of the Bible. Students will interact with the disciplines of language, literary analysis, archeology, geography, and history while having the opportunity for a personal application and personal contribution. In addition, this course allows students to investigate the life, works, and claims of the man who was tried and convicted of claiming to be the King of the Jews. Students will decide for themselves if the man was the long-awaited Jewish Messiah and identify if the trial and evidence presented were fair.

Prerequisite: None

BIBLE 9-11

Level: Grades 9-11

This course will challenge students to objectively investigate the roles of faith, trust, and reason in determining the beliefs that we use as the foundational elements to our worldview. Students will understand and apply the disciplines of epistemology and metaphysics in determining a personal answer to what is real as well as understanding and being equipped to interact with opposing beliefs, assumptions, and perceptions with gentleness and respect. Students will examine the concept of truth and determine what makes something objectively worthy of trust and evaluate the evidence to decide if an absolute standard for truth exists. Students will investigate the evidence to ascertain if a trustworthy revelation of truth exists and analyze and form conclusions regarding the foundation of faith that they will choose to build their life upon. In addition, this course invites students to discover the purpose and application of the Bible by examining the overall plot, storyline, and major themes of the Old Testament.

Prerequisite: None

Credit: 1.0

BIBLE 12

Level: Grade 12

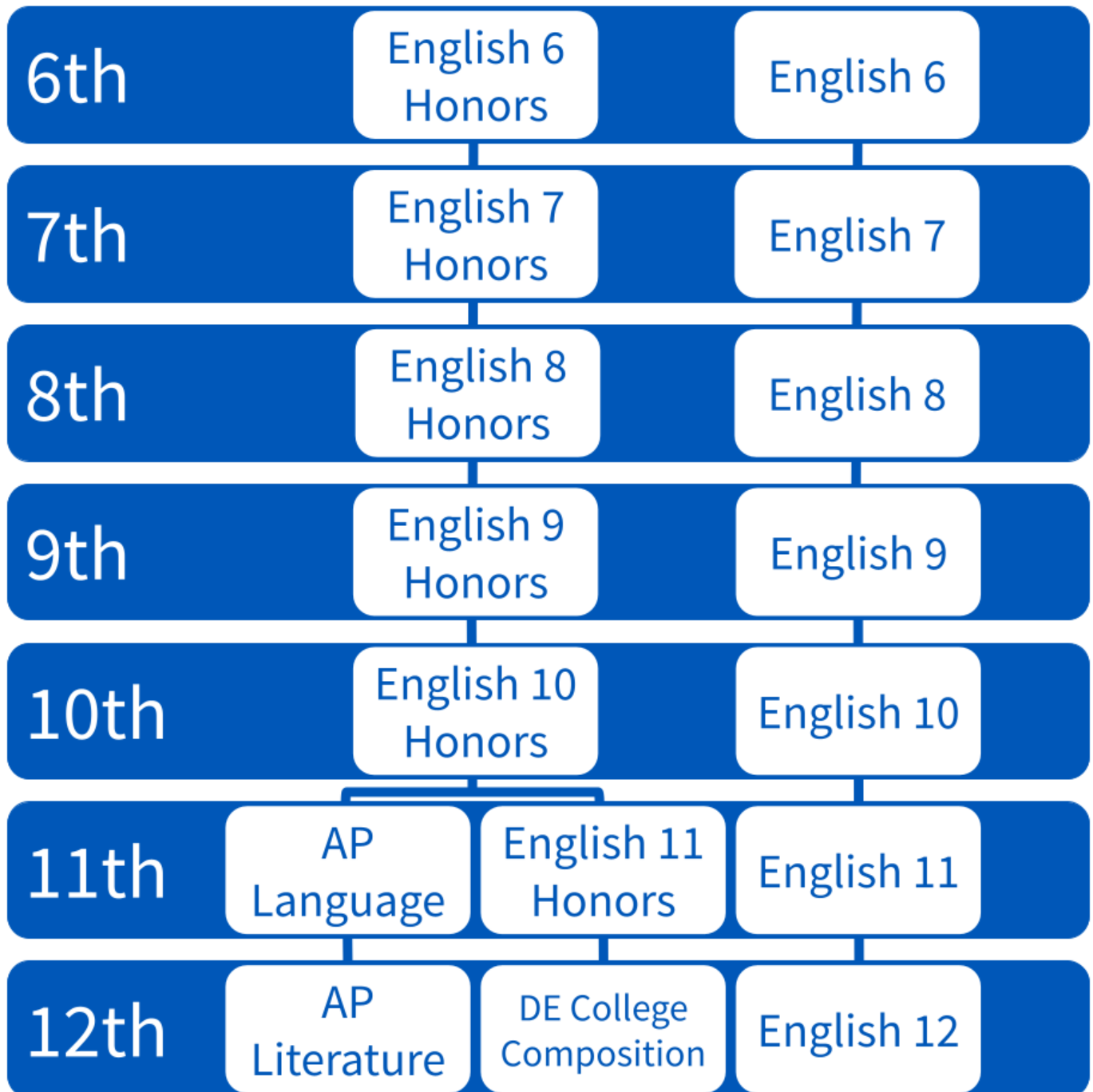
This course will focus on inviting students to become friends of Christ. Students will examine and apply the concept of Christ's role as our prophet, priest, and king. Students will gain an understanding of Jesus as the fulfillment of prophecy and will not only understand His place in history, but also His relevance to our lives today. Ultimately, the hope is that Jesus' life and message will transform students' lives as they gain a greater understanding of who Christ is in their individual lives, and personalize their response to Him. The purpose of this course is to equip students with basic guidelines, principles, and tools to effectively evaluate the claims, sources, and accounts of Jesus of Nazareth. Students will be invited to assess Biblical, historical non-Christian, and contemporary non-Christian sources to construct a personal trustworthy, and reliable lens to determine their response to the man, myth, legend, or Messiah known as Jesus Christ. In addition, this course equips students to differentiate between and respond to the seven invitations of Jesus in the journey toward spiritual maturity. Students will construct individual plans for personal discipleship and put them into practice.

Prerequisite: None

Credit: 1.0

ENGLISH COURSES

RECOMMENDED COURSE PROGRESSION



ENGLISH 6

Level: Grade 6

This course provides grade 6 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: None

Course Code: 1001010

ENGLISH 6 HONORS

Level: Grade 6

This course provides grade 6 students advanced, integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Meet Honors Eligibility Requirements

Course Code: 1001020

ENGLISH 7

Level: Grade 7

This course provides grade 7 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 6

Course Code: 1001040

ENGLISH 7 HONORS

Level: Grade 7

This course provides grade 7 students advanced, integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: English 6 or English 6 Honors and Meet Honors Eligibility Requirements

Course Code: 1001050

ENGLISH 8

Level: Grade 8

This course provides grade 8 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 7

Course Code: 1001070

ENGLISH 8 HONORS

Level: Grade 8

This course provides grade 8 students advanced, integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: English 7 or English 7 Honors and Meet Honors Eligibility Requirements

Course Code: 1001080

ENGLISH 9

Level: Grade 9

This course provides grade 9 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 8

Credit: 1.0

Course Code: 1001310

ENGLISH 9 HONORS

Level: Grade 9

This course provides grade 9 students advanced, integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: English 8 or English 8 Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1001330

ENGLISH 10

Level: Grade 10

This course provides grade 10 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 9

Credit: 1.0

Course Code: 1001340

ENGLISH 10 HONORS

Level: Grade 10

This course provides grade 10 students advanced, integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: English 9 or English 9 Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1001350

ENGLISH 11

Level: Grade 11

This course provides grade 11 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 10

Credit: 1.0

Course Code: 1001370

ENGLISH 11 Honors

Level: Grade 11

This course provides grade 11 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 10 or English 10 Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1001380

AP ENGLISH LANGUAGE & COMPOSITION

Level: Grades 11-12

The course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes. The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

Prerequisite: English 10 or English Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 1001420

ENGLISH 12

Level: Grade 12

This course provides grade 12 students integrated language arts study in reading, writing speaking, listening, and language in preparation for college and career readiness. This course will use texts of high complexity at grade level or above.

Prerequisite: English 11 or English 11 Honors or AP Language and Composition or DE College Composition I

Credit: 1.0

Course Code: 1001400

DUAL ENROLLMENT COLLEGE COMPOSITION I*

Level: Grades 11-12

This foundational course provides practice in writing expository themes with instruction in grammar and mechanics, sentence variety, diction, organization, and coherence. A major research project is required.

Prerequisite: English 10 and Meet Dual Enrollment Eligibility Requirements

Credit: 1.0

Course Code: ENC 1101

***Note:** This course is offered through Lake Sumter State College (Taught by MDCA faculty)

AP ENGLISH LITERATURE & COMPOSITION

Level: Grade 12

The course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes, as well as such smaller-scale elements as the use of figurative language, imagery, symbolism and tone. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

Prerequisite: English 11 or AP Language and Composition or DE College Composition I and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 1001430

DUAL ENROLLMENT FOUNDATIONS OF SUCCESS SEMINAR*

Level: Grades 11-12

This course is designed to assist students in making a successful transition into higher education by making critical connections; increasing self-knowledge of strengths and challenges; and developing academic, study, and personal strategies that are essential for success in college and beyond.

Prerequisite: English 10 and Meet Dual Enrollment Eligibility Requirements

Credit: 1.0

Course Code: SLS 1501

***Note:** This course is offered through Lake Sumter State College (Taught by MDCA faculty)

AP SEMINAR

Level: Grades 10-12

This is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

Prerequisite: Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 1700500

AP RESEARCH

Level: Grades 11-12

This is the second course in the AP Capstone experience, which allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

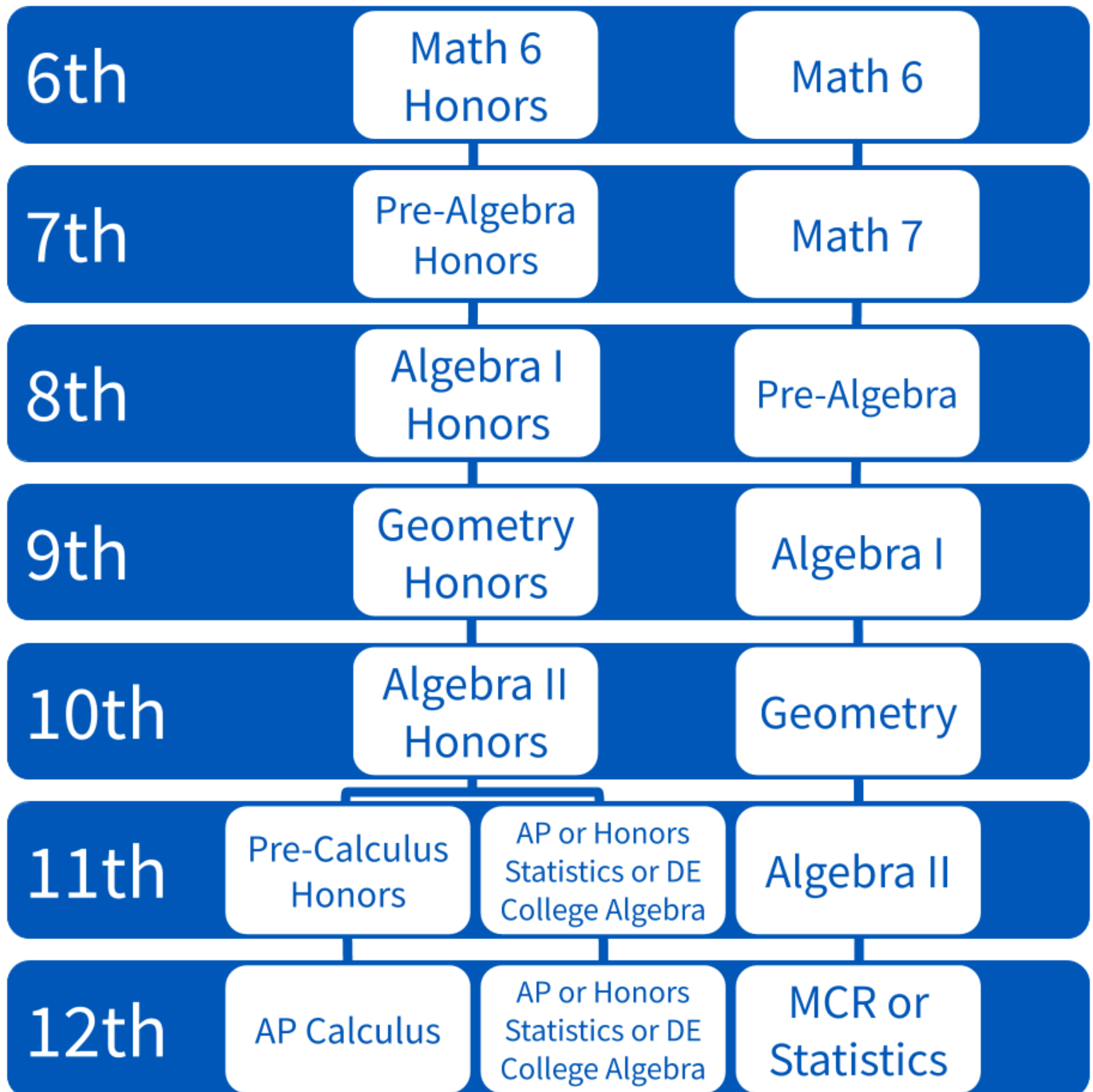
Prerequisite: Meet AP Eligibility Requirements; AP Seminar

Credit: 1.0

Course Code: 1700510

MATH COURSES

RECOMMENDED COURSE PROGRESSION



INTENSIVE MATH

Level: Grades 6-8

This course provides intervention for students who require extra mathematics instruction in addition to their core mathematics course. The teacher will develop curricula tailored to meet the needs of individual students, taking into account their grade and instructional level.

Prerequisite: None

Course Code: 1204000

Note: Offered occasionally

MATH 6

Level: Grade 6

This course builds on the mathematical skills that students learned in elementary mathematics. Using the four basic operations as a foundation, students will progress to more challenging problem solving. There are four critical areas of focus: ratios and rates; division of fractions and the system of rational numbers; writing, interpreting, and using expressions and equations; and statistical thinking.

Prerequisite: None

Course Code: 1205010

MATH 6 HONORS

Level: Grade 6

This course builds on the mathematical skills that students learned in elementary mathematics. Using the four basic operations as a foundation, students will progress to more challenging problem solving. There are six critical areas of focus: ratios and rates; division of fractions and the system of rational numbers; writing, interpreting, and using expressions and equations; statistical thinking; proportional relationships; and rational numbers, expressions, and linear equations. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Meet Honors Eligibility Requirements

Course Code: 1205020

MATH 7

Level: Grade 7

This course focuses on a continuation of the necessary foundations for success in the study of algebra. The instruction will concentrate on developing particular skills to prepare students for Pre-Algebra. Students will gain a deeper understanding of the concepts as well as make connections between the theoretical processes and real-world applications. There are four critical areas of focus: proportional relationships; operations with rational numbers and working with expressions and linear equations; solving geometric problems involving area, surface area, and volume; and probability.

Prerequisite: Math 6

Course Code: 1205040

PRE-ALGEBRA HONORS

Level: Grade 7

This course is an introduction to algebra designed to prepare students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Math 6 Honors and Meet Honors Eligibility Requirements

Course Code: 1205050

PRE-ALGEBRA

Level: Grade 8

This course is an introduction to algebra designed to prepare students for Algebra I. The course focuses on strengthening needed skills in problem solving, integers, equations, and graphing. Students will begin to see the "big picture" of mathematics and learn how numeric, algebraic, and geometric concepts are woven together to build a foundation for higher mathematical thinking.

Prerequisite: Math 7

Course Code: 1205070

ALGEBRA I HONORS

Level: Grade 8

The purpose of this course is to formalize and extend the mathematics that students learned in the middle grades. Students will deepen and extend their understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Pre-Algebra Honors and Meet Honors Eligibility Requirements

Course Code: 1200320

ALGEBRA I

Level: Grade 9

This course extends the mathematics that students learned in the middle grades. Students will deepen and extend their understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions.

Prerequisite: Pre-Algebra Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1200310

GEOMETRY HONORS

Level: Grade 9

This course extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Algebra I Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1206320

GEOMETRY

Level: Grade 10

This course extends students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments.

Prerequisite: Algebra I

Credit: 1.0

Course Code: 1206310

ALGEBRA II HONORS

Level: Grade 10

This course extends students' repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Geometry Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1200340

ALGEBRA II

Level: Grade 11

This course extends students' repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions, and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms.

Prerequisite: Geometry

Credit: 1.0

Course Code: 1200330

PRE-CALCULUS HONORS

Level: Grades 11-12

This course provides a foundation for the study of calculus. The content of this course is designed to have students analyze and articulate the real-world application of algebraic and trigonometric concepts. This course includes analytical geometry and trigonometry.

Prerequisite: Algebra II and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1202340

STATISTICS HONORS

Level: Grade 11

This course enables students to develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Algebra II and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 1210300-H

STATISTICS

Level: Grade 12

This course enables students to develop and apply knowledge of statistics and probability to design experiments, collect and analyze data, and reach appropriate inferences and conclusions.

Prerequisite: Algebra II

Credit: 1.0

Course Code: 1210300

MATH FOR COLLEGE READINESS

Level: Grade 12

This course is for students who are not yet "college ready" in mathematics or need some additional instruction in content to prepare them for success in college level mathematics. The purpose of this course is to strengthen and expand on each student's understanding of algebra to prepare them for college level algebra.

Prerequisite: Algebra II

Credit: 1.0

Course Code: 1200700

AP CALCULUS AB

Level: Grade 12

This course features a multirepresentational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems.

Prerequisite: Pre-Calculus Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 1202310

DUAL ENROLLMENT INTERMEDIATE COLLEGE ALGEBRA*

Level: Grades 11-12

This course includes the study of real numbers, linear and quadratic equations, linear inequalities, systems of linear equations, exponents, polynomials, factoring, rational expressions and related equations, radicals, quadratic formula, completing the square, complex numbers, absolute value, graphing, and applications.

Prerequisite: Algebra II and Meet Dual Enrollment Eligibility Requirements

Credit: 0.5

Course Code: MAC 1033

***Note:** This course is offered through Lake Sumter State College (Choice between online or in-person at LSSC)

DUAL ENROLLMENT COLLEGE ALGEBRA*

Level: Grades 11-12

This course is primarily a conceptual study of functions and graphs, their applications, and of systems of equations and inequalities. Linear, quadratic, rational, absolute value, radical, exponential and logarithmic functions will be investigated.

Prerequisite: Algebra II and grade of “C” or higher in MAT 1033 (or appropriate placement score) and Meet Dual Enrollment Eligibility Requirements

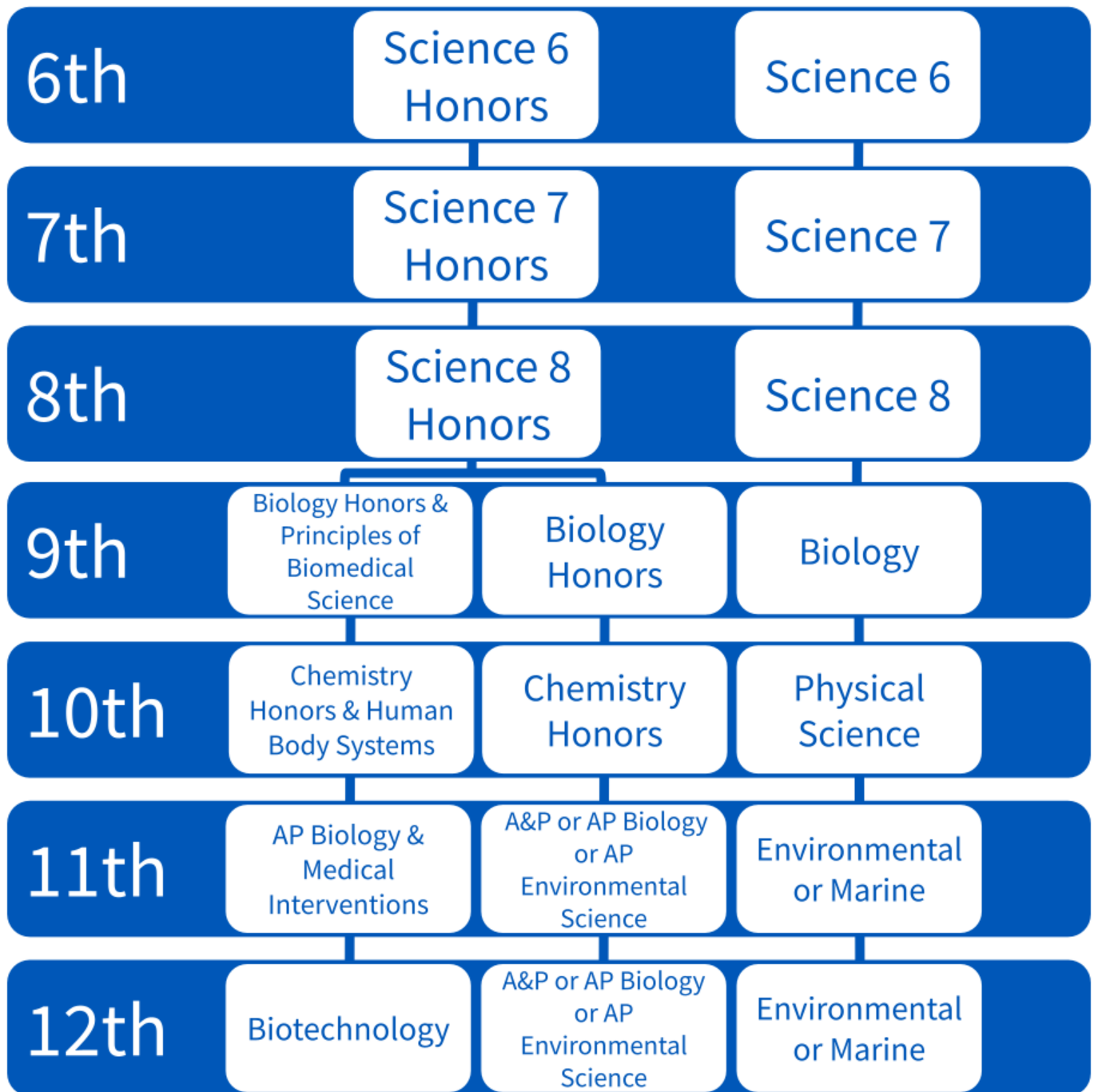
Credit: 1.0

Course Code: MAC 1105

***Note:** This course is offered through Lake Sumter State College (Choice between online or in-person at LSSC)

SCIENCE COURSES

RECOMMENDED COURSE PROGRESSION



SCIENCE 6

Level: Grade 6

This course exposes grade 6 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry.

Prerequisite: None

Course Code: 2002040

SCIENCE 6 HONORS

Level: Grade 6

This course exposes grade 6 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Meet Honors Eligibility Requirements

Course Code: 2002050

SCIENCE 7

Level: Grade 7

This course exposes grade 7 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry.

Prerequisite: Science 6

Course Code: 2002070

SCIENCE 7 HONORS

Level: Grade 7

This course exposes grade 7 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Science 6 or Science 6 Honors and Meet Honors Eligibility Requirements

Course Code: 2002080

SCIENCE 8

Level: Grade 8

This course exposes grade 8 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry.

Prerequisite: Science 7

Course Code: 2002100

SCIENCE 8 HONORS

Level: Grade 8

This course exposes grade 8 students to the designs and patterns of the physical universe. The curriculum seeks to develop the students' ability to understand and participate in scientific inquiry. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Science 7 or Science 7 Honors and Meet Honors Eligibility Requirements

Course Code: 2002110

MEDICAL DETECTIVES*

Level: Grades 7-8

This course is designed for students to play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, dissect a sheep brain, investigate disease outbreaks, and explore how a breakdown within the human body can lead to dysfunction. This is an elective course that a student may take in addition to the core science requirements.

Prerequisite: None

Course Code: 2000025

***Note:** Project Lead the Way Gateway course

BIOLOGY

Level: Grade 9

This course provides exploratory experiences and real-life applications in the biological sciences. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course.

Prerequisite: Science 8

Credit: 1.0

Course Code: 2000310

BIOLOGY HONORS

Level: Grade 9

This course provides advanced, exploratory experiences and real-life applications in the biological sciences. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Science 8 or Science 8 Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 2000320

CHEMISTRY HONORS

Level: Grade 10

This course provides advanced, exploratory experiences and real-life applications related to the composition, properties, and changes of matter. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Biology 9 or Biology 9 Honors and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 2003350

CHEMISTRY

Level: Grade 11

This course provides exploratory experiences and real-life applications related to the composition, properties, and changes of matter. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course.

Prerequisite: Physical Science

Credit: 1.0

Course Code: 2003340

PHYSICAL SCIENCE

Level: Grade 10

This course provides exploratory experiences and real-life applications in the physical sciences. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course.

Prerequisite: Biology

Credit: 1.0

Course Code: 2003310

ANATOMY AND PHYSIOLOGY HONORS

Level: Grades 11-12

This course provides exploratory experiences and real-life applications related to the structures and functions of the components of the human body. Laboratory investigation of selected topics in the content, which also include various methods of inquiry, measurement, laboratory equipment, and safety procedures, are an integral part of this course.

Prerequisite: Chemistry

Credit: 1.0

Course Code: 2000360

ENVIRONMENTAL SUSTAINABILITY*

Level: Grades 11-12

In this course, students will investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges.

Prerequisite: Biology and Chemistry

Credit: 1.0

Course Code: 2001340

***Note:** Project Lead the Way Engineering course

AP BIOLOGY

Level: Grades 10-12

This course focuses on enduring, conceptual understandings of the biological sciences and the content that supports them. Inquiry-based learning of essential concepts will help students develop the reasoning skills necessary to engage in the science practices used throughout the course. The underlying principles, or big ideas, of this course encompass the core scientific principles, theories and processes governing living organisms and biological systems.

Prerequisite: Biology Honors and Chemistry Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 2000340

AP ENVIRONMENTAL SCIENCE

Level: Grades 10-12

This course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental

science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Prerequisite: Biology Honors and Chemistry Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 2001380

PRINCIPLES OF BIOMEDICAL SCIENCE HONORS*

Level: Grades 9-12

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

Prerequisite: Acceptance into Biomedical Science Institute or department approval

Credit: 1.0

Course Code: 8708110

***Note:** Project Lead the Way Biomedical Science course

HUMAN BODY SYSTEMS HONORS*

Level: Grade 10

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

Prerequisite: Principles of Biomedical Science

Credit: 1.0

Course Code: 8708120

***Note:** Project Lead the Way Biomedical Science course

MEDICAL INTERVENTIONS HONORS*

Level: Grade 11

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

Prerequisite: Human Body Systems

Credit: 1.0

Course Code: 8708130

***Note:** Project Lead the Way Biomedical Science course

BIOTECHNOLOGY HONORS*

Level: Grade 12

In the fourth course of the PLTW Biomedical Science program, students will develop intense laboratory and research skills in preparation for continued education and/or entry into the biotechnology industry. Students will build upon the skills attained in Biology honors, Chemistry honors, and the BSI program as they design and conduct experiments relevant to current biotechnology. A close association with local industry and post-secondary institutions will provide additional opportunities for the development and application of biotechnology practices.

Prerequisite: Medical Interventions

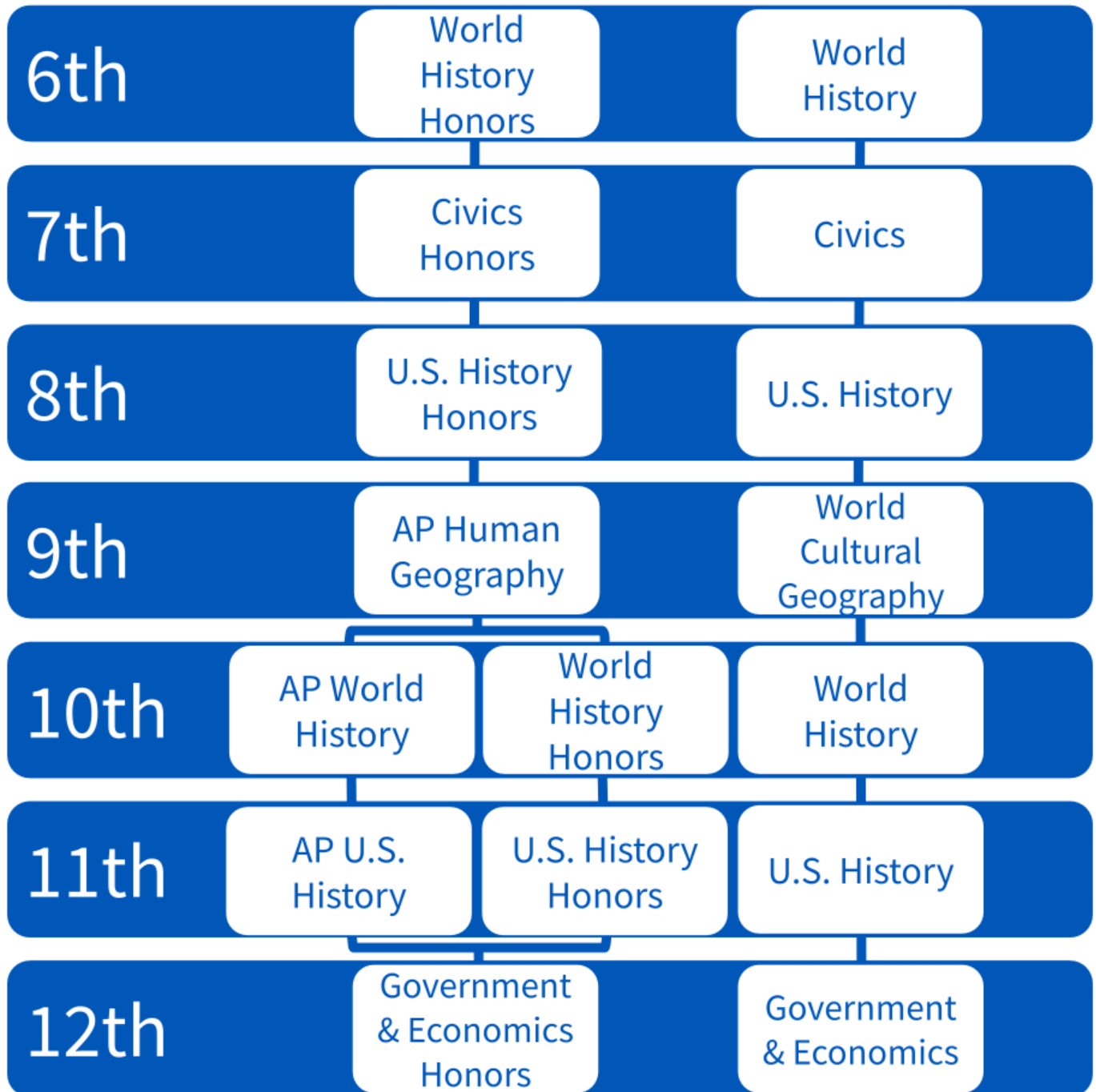
Credit: 1.0

Course Code:

***Note:** Project Lead the Way Biomedical Science course

SOCIAL STUDIES COURSES

RECOMMENDED COURSE PROGRESSION



WORLD HISTORY 6

Level: Grade 6

This course emphasizes the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents.

Prerequisite: None

Course Code: 2109010

WORLD HISTORY 6 HONORS

Level: Grade 6

This course emphasizes the world's earliest civilizations to the ancient and classical civilizations of Africa, Asia, and Europe. Students will be exposed to the multiple dynamics of world history including economics, geography, politics, and religion/philosophy. Students will study methods of historical inquiry and primary and secondary historical documents. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Meet Honors Eligibility Requirements

Course Code: 2109020

CIVICS 7

Level: Grade 7

This course emphasizes the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction.

Prerequisite: World History 6

Course Code: 2106010

CIVICS 7 HONORS

Level: Grade 7

This course emphasizes the principles, functions, and organization of government; the origins of the American political system; the roles, rights, responsibilities of United States citizens; and methods of active participation in our political system. The course is embedded with strong geographic and economic components to support civic education instruction. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: World History 6 or World History 6 Honors and Meet Honors Eligibility Requirements

Course Code: 2109020

UNITED STATES HISTORY 8

Level: Grade 8

This course emphasizes the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

Prerequisite: Civics 7

Course Code: 2100010

UNITED STATES HISTORY 8 HONORS

Level: Grade 8

This course emphasizes the study of American history from the Exploration and Colonization period to the Reconstruction Period following the Civil War. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: Civics 7 or Civics 7 Honors and Meet Honors Eligibility Requirements

Course Code: 2109020

WORLD CULTURAL GEOGRAPHY

Level: Grades 9-12

This course emphasizes the study of world cultural regions in terms of location, physical characteristics, demographics, historical changes, land use, and economic activity. Content includes, but is not limited to, the use of geographic tools and skills to gather and interpret data and to draw conclusions about physical and human patterns, the relationships between physical geography and the economic, political, social, cultural and historical aspects of human activity, patterns of population growth and settlement in different cultures and environments, the interaction between culture and technology in the use, alteration and conservation of the physical environment, and the interrelationships and interdependence of world cultures.

Prerequisite: United States History 8 or United States History 8 Honors

Credit: 1.0

Course Code: 2103300

AP HUMAN GEOGRAPHY

Level: Grades 9-12

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students learn to employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences. Students also learn about the methods and tools geographers use in their research and applications.

Prerequisite: United States History 8 or United States History 8 Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 2103400

WORLD HISTORY

Level: Grades 9-10

This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century.

Prerequisite: United States History 8 or United States History 8 Honors

Credit: 1.0

Course Code: 2109310

WORLD HISTORY HONORS

Level: Grades 9-10

This course is a continued in-depth study of the history of civilizations and societies from the middle school course, and includes the history of civilizations and societies of North and South America. Students will be exposed to historical periods leading to the beginning of the 21st Century. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: United States History 8 or United States History 8 Honors

Credit: 1.0

Course Code: 2109320

AP WORLD HISTORY

Level: Grades 9-12

In this course, students will investigate significant events, individuals, developments, and processes in six historical periods from approximately 8000 B.C.E. to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course provides five themes that students explore throughout the course in order to make connections among historical developments in different times and places; interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures.

Prerequisite: United States History 8 or United States History 8 Honors and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 2103400

UNITED STATES HISTORY

Level: Grades 10-11

This course emphasizes the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

Prerequisite: World History or World History Honors or AP World History

Credit: 1.0

Course Code: 2100310

UNITED STATES HISTORY HONORS

Level: Grades 10-11

This course emphasizes the study of United States history from Reconstruction to the present day. Students will be exposed to the historical, geographic, political, economic, and sociological events which influenced the development of the United States and the resulting impact on world history.

Prerequisite: World History or World History Honors or AP World History

Credit: 1.0

Course Code: 2100320

AP UNITED STATES HISTORY

Level: Grades 10-12

In this course, students will investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical comparisons; and utilizing reasoning about contextualization, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places; American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society.

Prerequisite: World History or World History Honors or AP World History and Meet AP Eligibility Requirements

Credit: 1.0

Course Code: 2100330

UNITED STATES GOVERNMENT

Level: Grade 12

This course emphasizes the study of government institutions and political processes and their historical impact on American society. Content includes, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process.

Prerequisite: United States History or United States History Honors or AP United States History

Credit: 0.5

Course Code: 2106310

UNITED STATES GOVERNMENT HONORS

Level: Grade 12

This course emphasizes the study of government institutions and political processes and their historical impact on American society. Content includes, but is not limited to, the functions and purpose of government, the function of the state, the constitutional framework, federalism, separation of powers, functions of the three branches of government at the local, state and national level, and the political decision-making process. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: United States History or United States History Honors or AP United States History

Credit: 0.5

Course Code: 2106320

ECONOMICS WITH FINANCIAL LITERACY

Level: Grade 12

This course emphasizes the study of the concepts and processes of the national and international economic systems. Content includes, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle.

Prerequisite: United States History or United States History Honors or AP United States History

Credit: 0.5

Course Code: 2102335

ECONOMICS WITH FINANCIAL LITERACY HONORS

Level: Grade 12

This course emphasizes the study of the concepts and processes of the national and international economic systems. Content includes, but is not limited to, currency, banking, and monetary policy, the fundamental concepts relevant to the major economic systems, the global market and economy, major economic theories and economists, the role and influence of the government and fiscal policies, economic measurements, tools, and methodology, financial and investment markets, and the business cycle. The Honors curriculum incorporates a higher level of rigor in the application, analysis, evaluation and creation of complex ideas.

Prerequisite: United States History or United States History Honors or AP United States History

Credit: 0.5

Course Code: 2106320

WORLD LANGUAGE COURSES

EXPLORATORY SPANISH

Level: Grades 6-8

This course introduces students to the target language and its culture. Students will learn beginning skills of listening and speaking and be introduced to basic skills in reading and writing in Spanish. Also, culture and comparisons are included in this one-semester course.

Prerequisite: None

Course Code: 0708100

SPANISH 1

Level: Grades 7-11

This course introduces students to the target language and its culture. The student will develop communicative skills in all 3 modes of communication and cross-cultural understanding. Emphasis is placed on proficient communication in the language. An introduction to reading and writing is also included as well as culture, connections, comparisons, and communities.

Prerequisite: None for Grades 9-11; Grades 7-8 must meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 0708340

SPANISH 2

Level: Grades 8-12

This course reinforces the fundamental skills acquired by the students in Spanish 1. The course develops increased listening, speaking, reading, and writing skills as well as cultural awareness. Specific content to be covered is a continuation of listening and oral skills acquired in Spanish 1. Reading and writing receive more emphasis, while oral communication remains the primary objective. The cultural survey of the target language-speaking people is continued.

Prerequisite: Spanish 1

Credit: 1.0

Course Code: 0708350

SPANISH 3 HONORS

Level: Grades 9-12

This course provides mastery and expansion of skills acquired by the students in Spanish 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected readings. Contemporary vocabulary stresses activities which are important to the everyday life of the target language-speaking people.

Prerequisite: Spanish 2 and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 0708360

SPANISH 4 HONORS

Level: Grades 10-12

This course expands the skills acquired by the students in Spanish 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes, including writing. Reading selections are varied and taken from the target language newspapers, magazines, and literary works.

Prerequisite: Spanish 3 and Meet Honors Eligibility Requirements

Credit: 1.0

Course Code: 0708370

FINE ARTS COURSES

BEGINNING BAND

Level: Grade 6

Students with little or no instrumental experience develop foundational instrumental technique, foundational music literacy, and aesthetic musical awareness through rehearsal, performance, and study of high-quality band literature. Instrumentalists work on the fundamentals of music notation, sound production, instrument care and maintenance, and personal and group rehearsal strategies.

Prerequisite: None

Credit: 1.0

Course Code: 1302000

INTERMEDIATE BAND

Level: Grades 7-8

Students with previous band experience build on instrumental technique, music literacy, and aesthetic response through rehearsal, performance, and study of a variety of high-quality band literature. Instrumentalists expand their knowledge of music notation, music theory, sound production, and personal and group rehearsal strategies.

Prerequisite: Beginning Band or department approval

Credit: 1.0

Course Code: 1302010

BAND

Level: Grades 9-12

This course is designed for students ready to build on skills and knowledge previously acquired in a middle or high school instrumental ensemble, promotes the enjoyment and appreciation of music through performance of high-quality, intermediate-level wind and percussion literature. Rehearsals focus on development of critical listening/aural skills, individual musicianship, instrumental technique, refinement of ensemble skills, and aesthetic engagement culminating in periodic public performances.

Prerequisite: Intermediate Band or department approval

Credit: 1.0

Course Code: 1302300

MARCHING BAND

Level: Grades 8-12

This course is designed for students to participate in activities of their school's marching band. Activities may include, but are not limited to, the study of the chosen program of music for the season, rehearsals of the marching routine to accompany music. There are a variety of ways that students may participate and earn credit in this course. Some students may play instruments, some may work with flags, batons, or other apparatus, some may be dancers, etc.

Prerequisite: Intermediate Band or department approval

Credit: 0.5

Course Code: 1302355

INTRODUCTION TO THEATRE ARTS

Level: Grade 6

In this course, students learn the basics of theatre arts by exploring a character through such activities as pantomime, improvisation and effective speaking using articulation, projection and breathing. Students also explore elements of technical theatre by exploring the use of such elements as costumes, props and scenery. Students practice writing for the theatre and explore various theatre roles and functions. Public performances may serve as a resource for specific instructional goals.

Prerequisite: None

Course Code: 0400000

STORYTELLING

Level: Grade 7

This course is designed to introduce students to the basics of the art of storytelling. Through the art of storytelling, students will build their capacity for timing, comedy, and public speaking by telling jokes, personal stories, folk tales, fairy tales, and more. Students would be able to submit entries for the Florida Storytelling Competition in January.

Prerequisite: None

Course Code: 0400010

THEATRE AROUND THE WORLD

Level: Grade 8

This course is designed to promote enjoyment and appreciation for all aspects of theatre, with a specific focus placed on historical and cultural connections. Students will explore theatre literature, performance, and the technical aspects of theatre. This is a non-performance class and does not require student acting, however each project includes a performance option for students interested in performing.

Prerequisite: None

Course Code: 0400020

THEATRE I

Level: Grades 9-12

This course is designed to promote enjoyment and appreciation for all aspects of theatre. Students explore various performance, technical, and administrative aspects of theatre. Students learn about basic characterization through physical activity, reading selected theatre literature, reading and writing theatrical reviews, and analysis of such tools as scripts, costuming, and theatrical makeup. Public performances may serve as a resource for specific instructional goals.

Prerequisite: None

Credit: 1.0

Course Code: 0400310

THEATRE II

Level: Grades 10-12

This course is designed for students with a year of experience or more, and promotes enjoyment and appreciation for all aspects of theatre through opportunities to build significantly on existing skills. Classwork focuses on characterization, playwriting, and playwrights' contributions to theatre; while improvisation, creative dramatics, and scene work are used to help students challenge and strengthen their acting skills and explore the technical aspect of scene work.

Prerequisite: Theatre I

Credit: 1.0

Course Code: 0400320

THEATRE III HONORS

Level: Grades 11-12

This course is designed for students with significant experience in theatre, and promotes depth of engagement and lifelong appreciation for theatre through a broad spectrum of teacher-assigned and self-directed study and performance. Students regularly reflect on aesthetics and issues related to and addressed through theatre, and create within various aspects of theatre in ways that are progressively more innovative. In keeping with the rigor expected in an accelerated setting, students assemble a portfolio that showcases a significant body of work representing personal vision and artistic growth over time; mastery of theatre skills and techniques in one or more areas; and evidence of significant oral and written analytical and problem-solving skills based on their structural, historical, and cultural knowledge.

Prerequisite: Theatre II

Credit: 1.0

Course Code: 0400330

THEATRE, CINEMA AND FILM PRODUCTION

Level: Grades 9-12

In this course, students explore the elements of film and cinematic techniques used by those who create movies. Students study the techniques in film that serve the story and articulate the theme. Students also prepare a comparative for theatre, film, and literature.

Prerequisite: None

Credit: 1.0

Course Code: 0400660

VISUAL ARTS

Level: Grade 7-8

This course is designed to introduce students to the routine of the art production process including: planning, producing, and reflecting on art. With an emphasis on studio arts, students explore a wide range of 2D and 3D media, skills and techniques, as related to contemporary and historical art perspectives. Projects may include but not be limited to: drawing, painting, printmaking, collage, mixed media, pottery, and sculpture. Students develop technical skills, foster their expressive abilities and employ the use of the elements of art throughout the production process.

Prerequisite: None

Course Code: 0101100

2D STUDIO ART

Level: Grade 9-12

This course is designed to introduce students to media and techniques used to create a variety of two-dimensional (2-D) artworks through the development of skills in drawing, painting, printmaking, collage, and/or design. Students practice, sketch, and manipulate the structural elements of art to improve mark making and/or the organizational principles of design in a composition from observation, research, and/or imagination. Through the critique process, students evaluate and respond to their own work and that of their peers. This course incorporates hands-on activities and consumption of art materials.

Prerequisite: None

Course Code: 0101300

FINE CRAFT STUDIO ART

Level: Grade 9-12

This course is designed for students to create well-designed work that is utilitarian, purposeful, wearable, and/or sculptural in nature. This course may include, but is not limited to, content in metals, jewelry, glass, fabrics/fibers, clay, fashion design, and/or objects for interior or architectural design/embellishment. Students develop the language of fine craft through a concentration on fundamental technical skills. Student artisans reflect on aesthetics and visual issues related to fine craft through the use of the structural elements of art and organizational principles of design. Students use analytical and problem-solving skills to improve personal work and that of their peers. Students investigate the significance of Western and non-Western cultures related to understanding the art role in global culture and informing creative choices in media and design. This course incorporates hands-on activities and consumption of art materials.

Prerequisite: None

Course Code: 0101440

TECHNOLOGY COURSES

APP CREATORS*

Level: Grades 6-8

In this course, students will customize their experience by choosing a problem that interests them from the areas of health, environment, emergency preparedness, education, community service, and school culture. Because problems in the real world involve more than one discipline, the course will introduce students to biomedical science concepts as they work on solutions for the specific problems they choose to tackle.

Prerequisite: None

Course Code: 8600020

***Note:** Project Lead the Way Gateway course

COMPUTER SCIENCE FOR INNOVATORS AND MAKERS*

Level: Grades 6-8

In this course, students discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects. Throughout the course, students will learn about programming for the physical world by blending hardware design and software development. They will design and develop a physical computing device, interactive art installation, or wearable, and plan and develop code for microcontrollers that bring their physical designs to life.

Prerequisite: None

Course Code: 8600010

***Note:** Project Lead the Way Gateway course

JOURNALISM

Level: Grades 9-12

The purpose of this course is to enable students to develop fundamental skills in the production of journalism across print, multimedia, web, and broadcast/radio platforms and to develop knowledge of journalism history, ethical use, and management techniques related to the production of journalistic media.

Prerequisite: None

Credit: 1.0

Course Code: 1006300

INTRODUCTION TO ENGINEERING DESIGN*

Level: Grades 9-12

This course allows students to dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, and use an engineering notebook to document their work.

Prerequisite: None

Credit: 1.0

Course Code: 8600810

***Note:** Project Lead the Way Gateway course

DIGITAL VIDEO TECHNOLOGY

Level: Grade 9-12

This course provides students with an introduction to the digital video production process; content includes safe work practices, planning a production set, designing lighting plans, camera operation, and audio/ video recording, mixing, and editing.

Prerequisite: None

Course Code: 8201410

PHYSICAL EDUCATION COURSES

PHYSICAL EDUCATION

Level: Grades 6-8

This course provides a foundation of knowledge, skills, and values necessary for the development of a physically active lifestyle. The course content provides exposure to a variety of movement opportunities and experiences which includes, but is not limited to: Fitness Activities and Team Sports. The integration of fitness concepts throughout the content is critical to student success in this course and in the development of a healthy and physically active lifestyle.

Prerequisite: None

Course Code: 1508060; 1508070

HOPE (HEALTH OPPORTUNITIES THROUGH PHYSICAL EDUCATION)

Level: Grades 9-12

The course focuses on developing and enhancing healthy behaviors that influence lifestyle choices and student health and fitness.

Prerequisite: None

Credit: 1.0

Course Code: 3026010

TEAM SPORTS

Level: Grades 9-12

The course focuses on developing the physical skills necessary to be competent in many forms of movement, knowledge concepts, strategies and tactics, and appropriate social behaviors within a team or group setting. Fitness concepts are integrated throughout the course.

Prerequisite: None

Credit: 1.0

Course Code: 1503350

WEIGHT TRAINING

Level: Grades 9-12

The course focuses on developing the physical skills necessary to be competent in many forms of movement as it relates to weight training and fitness.

Prerequisite: Recommendation from a coach of a varsity sport

Credit: 1.0

Course Code: 1501340

OTHER ELECTIVE COURSES

STUDY HALL

Level: Grades 6-12

This course allows students to complete outside assignments within the period of the school day.

Prerequisite: Administrative approval based on student's schedule and ability to self-manage

Credit: None

Course Code: 2200300

PEER COUNSELING

Level: Grade 6-8

The purpose of this course is to enable students to develop awareness of self and others. Emphasis will be on acquisition of basic skills for thoughtful planning, peer facilitation, effective communication and making healthy choices.

Prerequisite: None

Course Code: 1400000

PRINCIPLES OF ENTREPRENEURSHIP

Level: Grade 9-12

This course provides instruction in the basic principles of entrepreneurship: the role of the entrepreneur, entrepreneurship as a career, ethics in business, and the principles of marketing, financing, and managing a business.

Prerequisite: None

Course Code: 8812110

ONLINE COURSES OFFERED THROUGH ETHOS

The following courses are offered online through our partner school, ETHOS. Please contact our Guidance Counselor, Mrs. Nunez (Amanda.Nunez@MDCAcademy.org), for more information.

ENGLISH

Dual Enrollment Creative Writing I
Dual Enrollment Creative Writing II

MATH

AP Statistics

SCIENCE

Physics
AP Computer Science Principles
Dual Enrollment Anatomy and Physiology

ARTS

Photography

SOCIAL STUDIES

AP European History
AP Art History
Dual Enrollment Psychology
Sociology