



# Success Virtual

## Course Description Guide

### Michigan Merit Curriculum (MMC)

### 25-26 Imagine Edgenuity Course Catalog

18.0 Credits Required

(Each semester course = ½ credit)

ENGLISH/LANGUAGE ARTS (ELA) - 4.0 Credits				
English 9A	English 10A		English 11A	English 12A
English 9B	English 10B		English 11B	English 12B
MATHEMATICS - 4.0 Credits				
Algebra 1A	Geometry A	Algebra 2A	Financial Math A	
			Financial Math B	
Algebra 1B	Geometry B	Algebra 2B	Personal Finance	
SCIENCE - 3.0 Credits			SOCIAL STUDIES - 3.0 Credits	
Biology A & B	Earth & Space Science A & B		World History & Geography A & B	US History & Geography A & B
	Environmental Science A & B			
Chemistry A & B	Physics A & B		Civics	Economics
Health & Phys Ed 1.0 Credit	Visual, Performing, & Applied Arts (VPAA) - 1.0 Credit		World Language - 2.0 Credits (1.0 credit may = 1.0 VPAA credit)	
MI Health	Career Electives	Speech	Spanish 1A & 1B	
Lifetime Fitness A & B	Art History A & B	Intro to Art A & B	Spanish 2A & 2B	



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### ENGLISH/LANGUAGE ARTS (ELA)

#### English 9A & 9B

Grade : 9 / Credits: 1.0

Course Description: This freshman-year English course invites students to explore diverse texts organized into thematic units. Students will engage in literary analysis and inferential evaluation of great texts both classic and contemporary. While critically reading fiction, poetry, drama, and literary nonfiction, students will master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are activities that encourage students to strengthen their oral language skills and produce clear, coherent writing. Students will read a range of classic texts including Homer's The Odyssey, Shakespeare's Romeo and Juliet, and Richard Connell's "The Most Dangerous Game." They will also study short but complex texts, including influential speeches by Dr. Martin Luther King Jr. and Ronald Reagan. Contemporary texts by Alvarez, Janeczko, and Angelou round out the course.

#### English 10A & 10B

Grade : 10 / Credits: 1.0

Course Description: This sophomore-year English course invites students to explore a diverse selection of world literature organized into thematic units. While critically reading fiction, poetry, drama, and expository nonfiction, students learn essential reading comprehension strategies and engage in literary analysis and evaluation of both classic and contemporary works. Interwoven in the lessons across two semesters are grammar, vocabulary, and writing lessons that encourage students to strengthen their English language skills. The students will read a range of classic and contemporary literary texts including Henrik Ibsen's A Doll's House, George Orwell's Animal Farm, and Marjane Satrapi's Persepolis. In addition to reading a wide range of literary texts, students read and analyze complex informational and argumentative texts including Sonia Sotomayor's "A Latina Judge's Voice," Julia Alvarez's "A Genetics of Justice," and the contemporary informational text Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science.

#### English 11A & 11B

Grade : 11 / Credits: 1.0

Course Description: This junior-year English course invites students to delve into American literature, from early American Indian voices through thoughtful contemporary works. Students will engage in literary analysis and inferential evaluation of great texts, the centerpieces of this course. While critically reading fiction, poetry, drama, and expository nonfiction, students will master comprehension and literary analysis strategies. Interwoven in the lessons across two semesters are tasks that encourage students to strengthen their oral language skills and produce creative, coherent writing. Students will read a range of short but complex texts, including works by Ralph Waldo Emerson, Emily Dickinson, Nathaniel Hawthorne, Langston Hughes, Martin Luther King, Jr., F. Scott Fitzgerald, Leslie Marmon Silko, Amy Tan, and Naomi Shihab Nye.

#### English 12A & 12B

Grade: 12 / Credits: 1.0

Course Description: This senior-year English course invites you to explore a diverse collection of texts organized into thematic units. You will engage in literary analysis and inferential evaluation of both classic and contemporary literature. While critically reading fiction, poetry, drama, and expository nonfiction, you will learn comprehension and literary analysis strategies. You will read a range of classic texts including the ancient epic Gilgamesh, William Shakespeare's Hamlet, and Oscar Wilde's The Importance of Being Earnest. You will study short but complex texts, including essays by Jonathan Swift and Mary Wollstonecraft, and influential speeches

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by Queen Elizabeth I and Franklin D. Roosevelt. Contemporary texts by Seamus Heaney, Derek Walcott, and Chinua Achebe round out the course.

### MATHEMATICS

#### Pre-Algebra A & B

Grade: 9 / Credit: 1.0

Course Description - This full-year course is designed for high school students who have completed a middle school mathematics sequence but are not yet algebra-ready. This course reviews key algebra readiness skills from the middle grades and introduces basic Algebra I work with appropriate support. Students revisit concepts in numbers and operations, expressions and equations, ratios and proportions, and basic functions. By the end of the course, students are ready to begin a more formal high school Algebra 1 study. *Please note this class is not available to all students.*

#### Algebra 1A & 1B

Grade: 9 / Credit: 1.0

Course Description - This course focuses on five critical areas: relationships between quantities and reasoning with equations, linear and exponential relationships, descriptive statistics, expressions and equations, and quadratic functions and modeling. This course builds on the foundation set in middle grades by deepening students' understanding of linear and exponential functions and developing fluency in writing and solving one-variable equations and inequalities. Students will interpret, analyze, compare, and contrast functions that are represented numerically, tabularly, graphically, and algebraically. Quantitative reasoning is a common thread throughout the course as students learn how they can use algebra to represent quantities and the relationships among those quantities in a variety of ways. Standards of mathematical practice and process are embedded throughout the course, as students make sense of problem situations, solve novel problems, reason abstractly, and think critically.

#### Geometry A & B

Grades: 10-12 / Credits: 1.0

Course Description - This course formalizes what students learned about geometry in the middle grades with a focus on mathematical reasoning making arguments. Students will study triangle congruence, including exposure to formal proofs and geometric constructions. Students extend their learning to other essential triangle concepts, including similarity, right-triangle trigonometry, and the laws of sines and cosines. Moving on to other shapes, students justify and derive various formulas for circumference, area, and volume, as well as cross-sections of solids and rotations of two-dimensional objects. Students then make important connections between geometry and algebra, including special triangles, slopes of parallel and perpendicular lines, and parabolas in the coordinate plane, before delving into an in-depth investigation of the geometry of circles. The course closes with a study of set theory and probability, as students apply theoretical and experimental probability to make decisions informed by data analysis.

#### Algebra 2A & 2B

Grades: 10-12 / Credits: 1.0

Course Description - This course focuses on functions, polynomials, periodic phenomena, and collecting and analyzing data. Students will make connections between verbal, numeric, algebraic, and graphical representations of functions and apply this knowledge as they create equations and inequalities that can be used to model and solve mathematical and real-world problems. As students refine and expand their algebraic skills, they will draw analogies between the operations and field properties of real numbers and those of

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complex numbers and algebraic expressions. Process standards are embedded throughout the course, as students solve novel problems, reason abstractly, and think critically.

### **Mathematical Models with Applications A & B**

Grades: 10-12 / Credits: 1.0

Course Description - Broadening and extending the mathematical knowledge and skills acquired in Algebra I, the primary purpose of this course is to use mathematics as a tool to model real-world phenomena students may encounter daily, such as finance and exponential models. Engaging lessons cover financial topics, including growth, smart money, saving, and installment loan models. Providing timely and highly useful content, this two-semester course is a must-have for any high school student. Prior mathematical knowledge is expanded and new tasks. The additional performance-based skills allow the honors students to apply more of the concepts taught in the course. The course concludes with students analyzing data through displays and statistical analysis

### **Financial Math A & B**

Grades: 10-12 / Credits: 1.0

Course Description - Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project-based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long-term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

### **Personal Finance**

Grades: 10-12 / Credits: 0.5

Course Description - This one-semester elective prepares students to navigate personal finance with confidence. The course opens with a study of what it means to be financially responsible, engaging students in budgeting, planning, and being a smart consumer. Students learn about the relationship between education, employment, income, and net worth, and they plan for the cost of college. Students then broaden their study to include banking, spending, investing, and other money management concepts before exploring credit and debt. In the final unit of the course, students study microeconomics and entrepreneurship, with an overview of economic systems, supply and demand, consumer behavior and incentives, and profit principles. The course concludes with an in-depth case study about starting a business

### **Statistics A & B**

Grades: 12/ Credits: 1.0

Course Description: This fourth-year high school math option provides a comprehensive introduction to data analysis and statistics. Students begin by reviewing familiar data displays through a more sophisticated lens before diving into an in-depth study of the normal curve. They then study and apply simple linear regression and explore sampling and experimentation. Next, students review probability concepts and begin a study of random variables. Later topics also include sampling distributions, estimating and testing claims about proportions and means, and inferences and confidence intervals.

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**Math Experience \*\*\* [when using “double dip” courses only](#)**

Grades: 12 / Credits: 0.5

Course Description When utilizing the “double dipping” courses to provide ½ credit for a student in each of the three courses (Chemistry, Physics, and Economics AND the 4th year math credit), this course should be placed on a student’s schedule. A “double dip” course can be used when the student is a senior or beyond and is enrolled in a course which promotes the application of math skills. Currently, there are only three courses where “double dip” is appropriate - Economics, Chemistry and Physics.

### SCIENCE

**Biology A & B**

Grades: 9-12 / Credit: 1.0

Course Description - This compelling two-semester course engages students in the study of life and living organisms and examines biology and biochemistry in the real world. This is a yearlong course that encompasses traditional concepts in biology and encourages exploration of new discoveries in this field of science. The components include biochemistry, cell biology, cell processes, heredity and reproduction, the evolution of life, taxonomy, human body systems, and ecology. This course includes both hands-on wet labs and virtual lab options.

**Chemistry A & B \*\*\* [\(Potential Double Dip Course\)](#)**

Grades: 10-12 / Credit: 1.0

Course Description - This rigorous, full-year course engages students in the study of the composition, properties, changes, and interactions of matter. The course covers the basic concepts of chemistry and includes eighteen virtual laboratory experiments that encourage higher-order thinking applications. The components of this course include chemistry and its methods, the composition and properties of matter, changes and interactions of matter, factors affecting the interactions of matter, electrochemistry, organic chemistry, biochemistry, nuclear chemistry, mathematical applications, and applications of chemistry in the real world.

**Earth & Space Science A & B**

Grades: 9-12 / Credit: 1.0

Course Description - Students enrolled in this course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible, volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course providing a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

**Environmental Science A & B**

Grades: 9-12 / Credit: 1.0

Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

**Physics A & B \*\*\* [\(Potential Double Dip Course\)](#)**

Grades: 10-12 / Credit: 1.0

Course Description - This full-year course acquaints students with topics in classical and modern physics. The course emphasizes a conceptual understanding of basic physics principles, including Newtonian mechanics,

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energy, thermodynamics, waves, electricity, magnetism, and nuclear and modern physics. Throughout the course, students solve mathematical problems, reason abstractly, and learn to think critically about the physical world. The course also includes interactive virtual labs and hands-on lab options, in which students ask questions and create hypotheses

### HEALTH & PHYSICAL EDUCATION

#### Contemporary Health

Grades: 9-12 / Credit: 0.5

Course Description - This course analyzes various health topics. It places alcohol use, drug use, physical fitness, healthy relationships, disease prevention, relationships and mental health in the context of the importance of creating a healthy lifestyle. In addition, students conduct in-depth studies in order to create mentally and emotionally healthy relationships with peers and family, as well as nutrition, sleeping, and physical fitness plans. This course takes covers issues of harassment, bullying, sex / gender identity, same-sex relationships, contraception, and other sensitive topics.

#### Lifetime Fitness

Grades: 9-12 / Credit: 0.5

Course Description - Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, Lifetime Fitness equips high school students with the skills they need to achieve lifetime fitness. Throughout this full year course, students assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design fitness programs to meet their individual fitness goals

### SOCIAL STUDIES

#### Civics (Government)

Grades: 9-12 / Credit: 0.5

Course Description - This semester-long course provides students with a practical understanding of the principles and procedures of government. The course establishes the origins and founding principles of American government. After a rigorous review of the Constitution and its Amendments, students investigate the development and extension of civil rights and liberties. Lessons also introduce influential Supreme Court decisions to demonstrate the impact and importance of constitutional rights. The course builds on this foundation by guiding students through the function of government today, the role of citizens in the civic process, and culminates in an examination of public policy and the roles of citizens and organizations in promoting policy approaches. Students sharpen their writing skills in shorter tasks and assignments, practice outlining and drafting skills by writing full informative, argumentative essays.

#### US History & Geography A & B

Grades: 9-12 / Credit: 1.0

Course Description - U.S. History is a yearlong course that dynamically explores the people, places, and events that shaped early United States history. This course stretches from the Era of Exploration through the Industrial Revolution, leading students through a careful examination of the defining moments that shaped the nation of today. Students begin by exploring the colonization of the New World and examining the foundations of colonial society. As they study the early history of the United States, students will learn critical-thinking skills by examining the constitutional foundations of the U.S. government. Recurring themes such as territorial expansion,

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the rise of industrialization, and the significance of slavery will be examined in the context of how these issues contributed to the Civil War and Reconstruction.

### **Economics \*\*\*** ([Potential Double Dip Course](#))

Grades: 11-12 / Credit: 0.5

Course Description - Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

### **World History & Geography A & B**

Grades: 10-12 / Credit: 1.0

Course Description - This yearlong course examines the major events and turning points of world history from ancient times to the present. Students investigate the development of classical civilizations in the Middle East, Africa, Europe, and Asia, and they explore the economic, political, and social revolutions that have transformed human history. Students conduct a study of modern history, drawing connections between past events and contemporary issues. The use of recurring themes, such as social history, democratic government, and the relationship between history and the arts, allows students to draw connections between the past and the present, among cultures, and among multiple perspectives. Students will use a variety of sources, including legal documents, essays, historical writings, and political cartoons to evaluate the reliability of historical evidence and to draw conclusions about historical events.

## **WORLD LANGUAGE**

### **Spanish 1A & 1B**

Grades: 9-11 / Credit: 1.0

Course Description - Students begin their introduction to high school Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, and multimedia cultural presentations covering major Spanish-speaking areas in Europe and the Americas.

### **Spanish 2A & 2B**

Grades: 10-12 / Credit: 1.0

Course Description - Students continue their introduction to Spanish with fundamental building blocks in four key areas of foreign language study: listening comprehension, speaking, reading, and writing. Each unit consists of an ongoing adventure story, a new vocabulary theme and grammar concept, numerous interactive games reinforcing vocabulary and grammar, reading and listening comprehension activities, speaking and writing activities, cultural presentations covering major Spanish-speaking areas in Europe and the Americas, and assessments.

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### VISUAL OR PERFORMING ARTS (VPAA)

#### Speech A & B

Grades: 9-12 / Credit: 1.0

Course Description - The art of public speaking is one that underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. Students will learn what makes a truly successful speech and will be able to put that knowledge to practical use.

### ART

#### Introduction to Art A & B

Grades: 9-12 / Credit: 1.0

Course Description - Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology, and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

#### Art History A & B

Grades: 9-12 / Credit: 1.0

Course Description - Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students learn topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth-century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth-century art in Europe and the Americas; and modern art in Europe and the Americas.

### CAREER ELECTIVES

#### Career Planning and Development A & B

Grades: 9-12 / Credit: 1.0

Course Description - Introducing high school students to the working world, this course provides the knowledge and insight necessary to compete in today's challenging job market. This relevant and timely course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

#### Introduction to Business A & B

Grades: 9-12 / Credit: 1.0

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Course Description - Students learn the -principles of business using real-world examples—learning what it takes to plan and launch a product or service in today’s fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

### Introduction to Information Technology A

Grades: 9-12 / Credit: 0.5

Course Description - Students are introduced to the essential technical and professional skills required in the field of Information Technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT

### Business Information Management A

Grades: 10-12 / Credit: 0.5

Course Description - Students focus on essential skills needed in successful business careers.

Students will plan, organize, direct, and evaluate business functions. They will learn how to manage, analyze, and utilize information within a business context. They will gain a deep understanding of the technologies, tools, and processes that reinforce effective information management within organizations. Students practice personal and interpersonal skills, so they can perform effectively in the workplace and in their community. Students will use hardware and software to create word-processing documents, develop a spreadsheet, formulate a database, and make a presentation. Together, these skills will help a student transition from high school to postsecondary education or the workplace.

\*\*\*Double Dipping - Definition: Double dipping is the completion of one course (0.5 credits) and earning credit for two courses (1.0 credit). Some courses can be used to grant more than one credit if the content meets the academic standards of both courses. Since credit is based on student proficiency with the content, how and where they learn the content has no bearing on credit as long as students satisfactorily demonstrate proficiency on district-determined measures. Use the following

- Students with **14 or more credits** (graduation year) earned **may** qualify for double-dipping options.
- When utilizing the “double dipping” courses to provide (.5) credit for a student in each of the three courses:
  - **Economics** - Social Studies (.5 credits) & Math Experience (.5 credits)
  - **Chemistry** - Science (.5 credits) & Math Experience(.5 credits)

Dual Enrollment - Traditional college opportunities (dual enrollment) courses should be offered to every student, provided they meet the following requirements:

- a. Currently enrolled in Success as a student. Note: All students in grades 9 - 12 are eligible but not enrolled in high school for more than four years (unless one of the exceptions provided is in the administrative rule).
- b. Have at least one parent or legal guardian who is a resident of Michigan (unless the student is homeless).

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**Personal Curriculum (PC)** - A personal curriculum is an agreement that modifies the Michigan Merit required credits. The decision to create a plan is based on the individual student's learning needs. The intent of the PC option is to ensure the relevance of the student's course of study and facilitate the achievement of postsecondary goals. The PC must align with the high school content expectations, the student's educational development plan (EDP), and reduce barriers that may limit a student's opportunity to pursue their career pathway. **Personal Curriculum Rationale:**

- 1) If a student enrolls with a current PC, the center must reevaluate the need for a PC in our setting. Current PCs do not automatically transfer with the student.
- 2) A student desires to go beyond the MMC requirements
- 3) Modify the math requirements
- 4) Student disability with an IEP
- 5) Modify credit requirements for transfer student

If none of these reasons are valid for a student, then a PC is not the correct support.