

## Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Illinois Virtual School is a program of the Illinois State Board of Education providing high quality, standards aligned courses for students in 5th – 12th grades. IVS high school courses have been coded based on the State Course Codes and rigor levels as part of the Illinois Longitudinal Data System: The Transcript Coding Project, for the convenience of districts to assist in the placement of students into IVS courses. Additional, detailed information may be found on the Illinois Virtual School website at [www.ILvirtual.org/index.php?page=course-info](http://www.ILvirtual.org/index.php?page=course-info) including a link to our Interactive Course Catalog.

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Business and Economics AND Social Studies	04204A000	H	AP Macroeconomics	<p>AP Macroeconomics is a one semester Advanced Placement course and is the equivalent of an introductory, one-semester, college-level Macroeconomics course. It is in compliance with The College Board Audit and recommendations for preparing students for the AP Exam in Macroeconomics. AP Macroeconomics is designed to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places emphasis on the study of national income and price-level determination. The course develops student's familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Throughout the 15 units, students will have problems to solve, real-world economic situations to analyze, and two projects to complete. There is a midterm and final exam. In the short-run, this course will require time and energy; it's an investment. In the intermediate-run, your investment will begin to pay off when it's time for finals and the AP exam. For the long-run, you have the opportunity to earn credit and/or experience with college level work that will give you flexibility with your college program. Keep your vision focused on the long run. Recommended prerequisite: Algebra II.</p>	0.5	

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Business and Economics AND Social Studies	04203A000	H	AP Microeconomics	AP Microeconomics is a one-semester Advanced Placement course and is the equivalent of an introductory, one-semester, college-level Microeconomics course. It is in compliance with The College Board Audit and recommendations for preparing students for the AP Exam in Microeconomics. AP Microeconomics is designed to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. The course places emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. Throughout the 16 units, students will have problems to solve, real-world economic situations to analyze, and two projects to complete. There is a midterm and final exam. In the short-run, this course will require time and energy; it's an investment. In the intermediate-run, your investment will begin to pay off when it's time for finals and the AP exam. For the long-run, you have the opportunity to earn credit and /or experience with college level work that will give you flexibility with your college program. Keep your vision focused on the long run. Recommended prerequisite: Algebra II.	0.5		
Business and Economics	12009A000	G	Business and Personal Protocol	In this one-semester course, students learn valuable information and guidelines necessary to function in today's global environment. This course teaches students skills in cultural awareness, positive self-concept, leadership, and communication, which are essential to maintaining successful business and personal relations in today's global marketplace. While this course is in the business department, the material extends beyond the scope of the office environment into everyday life experiences.	0.5		

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Business and Economics	12009A000	G	Business Communications	In this one-semester course, students will explore the process of communication as it relates to the business world and discover all the ways people communicate in today's business environment. The technological advances of e-mail, voice mail, palm-sized computers, computer networking and the Internet have all contributed to the creation of the virtual office, which makes accurate communication more vital today than ever. The 3-D animations in this course take the concept of a virtual office a bit further by conceptualizing the business environment of the future.	0.5	
Business and Economics AND Social Studies	22210A000	G	Consumer Economics	This instructional program in consumer economics will meet the state requirements as outlined in The Illinois School Code. The school code requires pupils in grades 9 through 12 to study courses which include instruction in the area of consumer education. Required topics include installment purchasing, budgeting, comparison of prices, and an understanding of our economic system. This Consumer Economics course will cover all these required topics as well as several other practical topics to help students learn how to get the most value for hard-earned dollars.	0.5	
Business and Economics AND Social Studies	04201A000	E	Macroeconomics	In this challenging, upper-level economics course, students gain an understanding of macroeconomics by exploring and analyzing economic data through a variety of learning activities. Students learn how macroeconomics relates to them and how it differs from microeconomics. They study the measurement of aggregate economic activity and its influence on employment and inflation. Finally, students study fiscal and monetary policies designed to promote economic stability.	0.5	

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Business and Economics	22210A000	G	Personal Economics and Finance	In this mid-level economics and personal finance course, students visit a number of locations within a neighborhood setting to learn about different aspects of personal economics and finance. They have the freedom to choose their own path through the course content, which deals with topics such as spending plans and borrowing decisions, career planning, insurance, investing and other financial services. Students complete activities and projects that apply the knowledge they gain to their own personal situations, allowing them to develop an understanding of economic and financial issues through real-world applications. Completion of this course will assist students in developing critical thinking skills as they demonstrate their understanding of checking and savings accounts, credit cards, basic insurance and economic systems, and core financial and economic concepts. This course is recommended for freshman or sophomore level students.	0.5	
Career Planning	22151A000	G	Career Planning	This is a comprehensive one-semester course where students learn about themselves and how that knowledge contributes to career success. They use various resources to investigate careers and discover how goal setting and decision making are integral to career planning. They also master job-finding techniques and learn how to make the transition from school to work.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Computer Technology and Information Technology	10156A000	E	Assembly Language Programming	This course is designed to be an introduction into Assembly Language programming in the context of the Intel 80x86 family of processors. Students will learn about "computer" numbering systems, basic assembly instructions, various registers, flag values, accessing memory locations, debugging programs, and will use some of the common DOS and BIOS interrupt calls. To accomplish these goals the student will be expected to write, debug, and submit several programs throughout the course. These programs have a wide range of complexity and are used to illustrate different features of the computer, assembly language, and the behavior of the processor. In order to minimize the difficulties associated with the different assumptions and requirements of various assemblers, all students will be expected to submit programs compatible with the Turbo Assembler. Students will be provided with a copy of the software for their use during the semester. Specific references throughout the course will be made to the Turbo Assembler. Students are expected to delete the software from their computer at the end of the term. Suggestions will be given for a resource book to be used in conjunction with the on-line course.	0.5	
Computer Technology and Information Technology	10255A000	E	CCNA (Cisco Certified Network Associate) Preparation	The CCNA Preparation course is a theory course in networking technologies and their implementation. The main goal of this online course is to educate students about Cisco Networking Hardware and software and to help students understand how to design and build networks from scratch and to configure Cisco Routers. This course introduces concepts of Networking Basics, OSI Reference Model, Wan Protocols, Cisco IOS Commands, Network Protocols, Routing, Virtual LANS, Access Control Lists/Network Security, and LAN Bridging/Switching. This course can be used as a standalone reference for computer networks in general to prepare students for the Cisco Certification Training.	0.5	

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Computer Technology and Information Technology	10156A000	G	Introduction to HTML	Have you always wondered how web sites are created? This computer course introduces you to the fundamentals of Hypertext Markup Language (HTML). Using HTML, you will learn about creating and maintaining web pages, formatting text, adding graphics and hyperlinks to web pages, and creating tables. Throughout the course, you will use the HTML tags learned to develop a web site and upload the site to a web server. As a final project, you will create your own website, based on your interests, and publish it on the web.	0.5	yes
Computer Technology and Information Technology	10201A000	G	Introduction to Web Page Design	This web page design class will teach students the process of developing web sites from the planning phase through publishing. Students will learn how to design professional looking web pages by applying learned principles of good design. Students will use an HTML editor to build web pages. A final project of a 5-page web site will be completed at the end of the class.	0.5	yes
Computer Technology and Information Technology	10101A000	G	Networking Basics	It seems as if everyone is connected these days. Most of us use the Internet in our homes and perhaps have more than one computer. What lies behind the Internet and drives all of this connectivity? You will have the opportunity to explore this question in the Networking Basics course. Students will learn about network hardware and software, different network structures and the principles of data transmission. This course will present the purposes and advantages of networking and demonstrate how networks allow sharing of hardware, software, voice and other resources.	0.5	yes

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Computer Technology and Information Technology	10153A000	G	Visual Basic	<p>This is a one-semester course designed to introduce students to the Visual Basic programming environment. Students will learn about many of the commonly used Visual Basic objects along with the associated methods, properties, and events. They will also learn how to write Visual Basic code to respond to certain events and manipulate some of the objects. This is a project based course. This means that each unit in the course presents new concepts and then contains one or more projects (assignments) using those concepts. While students are encouraged to be creative when designing a project, the primary expectation is that the project meet all of the stated objectives. Students will also be encouraged to design "user friendly" interfaces as well as write code that is easy to understand. Many of the units contain a short quiz designed to give students feedback indicating how well they have mastered the material in that unit.</p>	0.5	
Fine Arts	05152A000	G	Art History – Earliest Beginnings to Classical Art	<p>Does art imitate life or does life imitate art? Join this Art History class and develop your own answer to that question. In this course, you will explore the elements and principles of art and learn to interpret the meaning of art in historical context while expanding your appreciation of the heritage of diverse cultures. You will extend and refine your aesthetic appreciation skills to make visiting an art museum more interesting and will see art in your everyday life as more meaningful. In this class, you will have opportunities to analyze treasures from the Art Institute of Chicago, share your interpretations with other students, and create your own art. Developed by experts from the Art Institute of Chicago, Chicago Public Schools, and Illinois Virtual School, this course promises to be an experience that will open your mind and heart to the beauty and meaning of art. This course surveys the history of art before the Renaissance (25000 BC – 1300 AD).</p>	0.5	

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Fine Arts	05152A000	G	Art History – From the Renaissance to Twentieth Century Art	In this second installment of Art History, students will take an in-depth look at art from the Renaissance to the Modern Era. Students will explore the question of what defines art as art as they research changing techniques and subject matter over time. Underlying the entire course is the exploration of the rich relationship between art, culture, and human history. Beyond learning to think like art historians, students will also come away from this course with a renewed view of their own world as a world full of art. Activities will center on a huge array of art examples and students will analyze treasures from the Louvre, the British and American National Museums, the Art Institute of Chicago and many more. Students will critique, discuss, interpret and even create art. However, no art experience (or talent!) is required, just an interest in the subject matter. A brief review of Art History I is included in the course for students who have not previously taken an Art History course. Developed by experts from the Art Institute of Chicago, Chicago Public Schools, and Illinois Virtual School, this course promises to be an experience that will open your mind and heart to the beauty and meaning of art.	0.5	
Fine Arts	05051A000	G	Introduction to Theatre	In this one-semester survey covering all areas of theater, students will study theater history from Greek to contemporary, dramatic literature, acting, directing, technical theater (costume, light, sound, and props design) and theater production (stage management, and other production roles). Students should be prepared to participate in creative activities and to attend at least one local live theatre performance (school, community, or professional). Assessments will vary - including written response, quizzes, on-line discussions, and a variety of creative projects. This course qualifies for Fine Arts credit.	0.5	



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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Health	08051A000	G	Health: 1st semester content	During the first semester of Health, students are introduced to healthy lifestyle choices built around the basic concepts of physical health and wellness. Topics of personal health decision making will be explored, including areas that may put them at risk (peer pressure, tobacco, alcohol and drugs), functions of major body systems, nutrition and exercise. Other subjects addressed include types of illnesses and basic first aid procedures. Students who complete this course will comprehend concepts related to health promotion and disease prevention, allowing them to demonstrate the ability to practice health-enhancing behaviors and reduce health risks, demonstrate the ability to access valid health information and health-promoting products and services, demonstrate the ability to use interpersonal communication, goal-setting, and effectively use decision-making skills to enhance their health.	0.5	yes
Health	08051A000	G	Health: 2nd semester content	During the second semester of Health, students cover a broad range of health-related topics. The course begins with a detailed treatment of various aspects of mental health. Students also explore lifetime development, from conception through death, including topics dealing with marriage and family. Issues covering the causes and effects of violence on the individual and society are also addressed. The course also touches on the environment, public health, and basics of safety and emergency care. Students completing this course will be able to outline the stages of life-long human physical and emotional development, describe and define the stages of the grief process, analyze and evaluate the role of family and peer relationships, describe appropriate first-aid and emergency procedures, and analyze the role of self-esteem and the effects of stress on mental health and wellness.	0.5	yes

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Health	22204A000	G	Parenting	Parenting is a one-semester course that focuses on the multiple roles of parents today. Students will focus on parenting practices that help to nurture, guide, and care for children. The topics covered in the course include the rewards and responsibilities of parenting, readiness for parenting, challenges of parenting, and styles of parenting. Students will learn the importance of good prenatal care throughout the pregnancy. The challenge of child birth and parenting new babies is also discussed, including ages and stages of child development. Students learn effective parenting skills for communicating and guiding children's behavior. In addition, students learn how to improve parenting skills by problem solving with positive discipline techniques and stress management skills that build healthy family relationships. Dealing with the concerns, stresses and challenges of parenting and using community resources and support is covered. This course is valuable for both males and females who would like to develop skills for their role as a parent some day. Students interested in education, health care and other child-related careers would benefit from this course.	0.5	
Health	22208A000	G	Personal and Interpersonal Development	Personal and Interpersonal Development addresses the knowledge, skills, attitudes, and behaviors necessary in today's families, careers, and communities. In this course students have an opportunity to develop attitudes and enhance life management skills important in making decisions for healthy and effective living. Topics include personal development, communication and conflict resolution, family systems, strong marriages and families, and crises faced by families.	0.5	yes

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Language Arts	01103A000	E	Advanced Composition	In this upper-level, advanced composition course, students learn the major steps of the writing process: pre-writing, drafting, review, and revision. Students identify audiences, generate topics, organize information, and develop effective writing techniques across varied genres. They also learn to give and receive feedback through the peer review process with their classmates. As their final project for the course, students choose their best work and assemble it in portfolio format.	0.5		
Language Arts	01054A000	E	American Literature: 1st semester content	The purpose of this course is to develop insight about American culture throughout the nation's history and to improve analytical skills through the interpretation of American literature. This semester's content focuses on themes of nature, life philosophies, death, and struggles. Students will be evaluated on their comprehension and analysis skills through discussion board participation, creative and analytical writing projects, and objective reading and vocabulary quizzes.	0.5		
Language Arts	01054A000	E	American Literature: 2nd semester content	The purpose of this course is to develop insight about American culture throughout the nation's history and to improve analytical skills through the interpretation of American literature. This semester's content focuses on themes of family & community, culture & dialect, politics & rebellion, and education. Students will be evaluated on their comprehension and analysis skills through discussion board participation, creative and analytical writing projects, and objective reading and vocabulary quizzes.	0.5		

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Language Arts	01005A000	H	AP English Language and Composition	<p>AP English Language and Composition is a two-semester Advanced Placement course and is the equivalent of a one-semester, college-level, English Language and Composition survey course. It is compliance with the College Board Audit and recommendations to prepare students for the AP Exam. Students learn to understand and analyze complex styles of writing by reading the works of a variety of authors, including other students. The richness and complexity of language is explored through study of syntax, imitation, word choice, and tone. Students learn about their own composition style and process focusing on planning, writing, editing, rewriting, and polishing text. Mastery of the English language is key to a student's success in high school, college, and professional settings. This course will be valuable to all students looking to become skillful readers and effective written communicators. Recommended prerequisite: at least a B in your most recent English course.</p>	1		

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Language Arts	01006A000	H	AP English Literature and Composition	<p>AP English Literature and Composition is a two-semester Advanced Placement course and is the equivalent of a one-semester, college-level, English Literature and Composition survey course. It is in compliance with the College Board Audit and recommendations to prepare students for the AP Exam. In addition to preparing students for the AP Exam, this course prepares students for university courses in literature, composition, and creative writing. A variety of multimedia and interactive activities, interpretive writing assignments, and discussions with peers and instructors help students assess and improve their skills and knowledge. Special emphasis is placed on reading comprehension, structural and critical analysis of written works, and the recognition and understanding of literary devices. Students also gain insight through exposure to historical and cultural information about the authors and works they read. This course will be valuable to all students looking to become skillful readers and effective written communicators. Recommended pre-requisite: at least a B in your most recent English course.</p>	1		

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Language Arts	01103A000	G	Beginning Composition	Students visit six "Roadstops" in a nonlinear fashion during this one-semester course. At each "Roadstop," the students explore a different type of writing: short stories, speeches, some forms of non-Western writing, field reports, essays, and research writing. A variety of short activities at each "Roadstop" prepares students for longer writing projects. When students have completed all the requirements at each "Roadstop," they head to their "Final Destination" where they revise two of their writing projects. Students have the opportunity to participate in peer review and to interact with their teacher via the Web. Completion of this course enables students to explore and write in a variety of genres, learn to use the stages of the writing process (prewriting, drafting, peer review, and revising) and demonstrate understanding of them, learn about and practice using some of the various strategies writers employ, and experience and imitate writing preferences popular in non-Western cultures to learn how writing methods and purpose are shaped by the cultures in which they occur.	0.5		
Language Arts	01056A000	E	British Literature: 1st semester content	Recommended for college-bound juniors and seniors, this course combines the study of British literature from Beowulf to Bono, with composition based on the literature. Semesters are organized chronologically. First semester begins with Beowulf and ends with the Puritan Age writers. Among the authors studied are Malory, Chaucer, Shakespeare, Milton, Tolkien, and Bunyan. Epic and lyric poetry, novel, essays, short stories, and plays are examined. Students will be expected to participate in discussion areas, write short timed essays after specific readings, craft longer essays or multi-media pieces as a culminating activity in each unit, and complete a comprehensive semester examination.	0.5		

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Language Arts	01056A000	E	British Literature: 2nd semester content	As with the first semester, this class is organized chronologically, starting from the Restoration and 18th Century, continuing on through the Romantic and Victorian eras to the 20th Century and beyond. Students will be expected to read poetic works (some as complete works, others in excerpted form), short stories, a play, and four novels. Students will be expected to demonstrate a clear understanding of the content through shared discussion, objective quizzes and timed writing exercises, longer essays, projects, and enrichment opportunities. Students will be expected to complete a comprehensive final examination.	0.5	
Language Arts	01104A000	G	Creative Writing	In this one-semester creative writing course, students learn the basics of desktop publishing while producing e-portfolios of original poetry and prose. With five core units, students experiment in the following genres: poetry (formal and informal), short fiction, memoir, dramatic monologue, and personal essay. In addition to individual writing, students have the opportunity to collaborate on enrichment projects such as a flash fiction e-zine and poetry chapbooks, and are encouraged to prepare at least one manuscript for submission to a publishing outlet or writing contest. The final project is proposed by the student, but should showcase both creative writing and desktop publishing skills.	0.5	
Language Arts	01001A000	G	English I: 1st semester content	In the English I first semester course, students read different genres of literature such as the short story, essay, poetry, drama, and novel to discover themes of life and world experience including nature, emotion, culture, technology, and awareness. Students develop their analytical and writing skills through a close examination of literary selections and by the completion of vocabulary assignments, grammar lessons, projects, newsgroup discussions, journal entries, and reading-response quizzes.	0.5	yes

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Language Arts	01001A000	G	English I: 2nd semester content	In the English I second semester course, students will study pieces of literature that are considered to be important milestones in the cultural progression of mankind. The three works in this course are considered classics of literature that transcend time and showcase the universal needs and experiences of man. The fact that the selections connected with their audience when they were composed is part of the reason these works were chosen. In this course, students will read and critically analyze three major works of literature: The Odyssey, Romeo and Juliet, and Animal Farm; develop and utilize the language of discussion within the discussion boards, explore and connect common themes that touch people across cultures and countries such as love, knowledge, justice, and integrity, respond to the selections within a Unit Notebook; and participate in various pre-reading and post-reading activities for each selection.	0.5	yes
Language Arts	01002A000	G	English II: 1st semester content	In the English II first semester course, students are introduced to the following genres of literature: nonfiction essays, the novel, short stories, drama, and poetry. In each of the five units, students will read multiple pieces of literature, participate in online discussions, use analytical writing skills to closely examine the literary selections, and review basic grammar concepts – all designed to prepare students for the unit quizzes. A final essay exam and final project are due at the end of the course.	0.5	yes
Language Arts	01002A000	G	English II: 2nd semester content	In the English II second semester course, students continue to read different genres of literature and respond to the readings. The course includes fiction and nonfiction selections, from short stories to autobiographical essays, and students write about the themes, literary structures and techniques they encounter in the works. Through multiple essays and projects, including vocabulary and grammar quizzes, students develop their writing skills and analytical abilities.	0.5	yes



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Language Arts	05059A000	G	Theatre as Literature	This course was developed for a junior/senior reading level, but freshmen and sophomores with strong reading and analysis skills will also do well. In this one-semester survey covering all areas of theater, student will study theater history through literary works from Greek to contemporary. Students will read dramatic literature from Oedipus the King to West Side Story, and analyze the acting, directing, technical theater (costume, light, sound, and props design) and theater production (stage management and other production roles) elements in order to understand how a written play becomes a live performance. Students should be prepared to participate in creative activities. Assessments will vary - including written responses, quizzes, discussions and a variety of projects. This course qualifies as a Language Arts/English credit.	0.5		
Language Arts	01058A000	G	World Literature: 1st semester content	The first semester of World Literature concentrates on man's search for identity and the obstacles one must overcome during this journey. The literature allows readers to see characters react to situations and then reflect, make observations, comparisons, and draw conclusions based on their own interpretations of the literature. Students will analyze and evaluate the works interacting through discussion groups and journals. They will develop their writing skills and analytical abilities through various writing assignments.	0.5		

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Language Arts	01058A000	G	World Literature: 2nd semester content	The second semester of World Literature concentrates on literature which illustrates how outside forces such as environment, solitude, challenges, tradition, ignorance, carelessness, selfishness, and responsibility can combine in different ways and at different levels to affect human choices and the resulting consequences. The literature is placed into one of three units and includes the study of short stories, poetry and novels. Students will analyze and evaluate the works interacting through discussion groups and journals. They will develop their writing skills and analytical abilities through various writing assignments.	0.5		
Mathematics	02052A000	G	Algebra I: 1st semester content	Algebra I first-semester covers beginning algebra and is the key to providing the fundamentals needed for success in subsequent math courses. Students will begin with the basic building blocks by studying the real number system, which includes order of operations, rules of exponents, inequalities, the number line, absolute value; concepts of a variable, an expression, and an equation; and properties of real numbers. Other topics covered include learning to add, subtract, multiply, divide, and factor polynomials. Students will learn to reason symbolically by writing, solving, and graphing linear equations in one variable. Quadratic equations will be solved by factoring, completing the square, by applying the quadratic formula, and graphing. Solving linear systems with up to three equations and three variables will also be mastered through graphing and other techniques. The course includes a study of ratios, proportions, functions, variations, radicals, right triangle relationships, and the Pythagorean theorem. The use of graphing calculators will be integrated where appropriate and a strong emphasis on applied problems including problems involving interest, mixture, distance, rate, & time, work related problems, and more will be stressed throughout the course.	0.5	yes	

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Mathematics	02052A000	G	Algebra I: 2nd semester content	In order to be successful in Algebra 1 second semester, a student needs to be proficient in solving linear and quadratic equations and possess strong factoring skills which are learned in the first semester of Algebra 1, although the course does begin with a review in factoring polynomials. Students will learn to add, subtract, multiply, and divide rational expressions as well as solve rational equations involving both linear and quadratic equations. This knowledge will then be applied to solve word problems relating two work and numbers. The course includes a study of complex fractions, ratios, proportions, variations, radicals, complex numbers, and using the quadratic formula to solve quadratic equations. Linear functions will be introduced by learning graphing techniques and the student will also learn how to write linear equations in two variables. Systems of equations and methods of solving are explained and used to solve applied problems involving interest, mixture; distance, and more. A solid understanding of Algebra 1 second semester content will provide the basis for success in subsequent math courses. There is a comprehensive final exam at the end of the course.	0.5	yes
Mathematics	02056A000	G	Algebra II: 1st semester content	Algebra II is a two-semester course in the study of functions. This course is designed to maximize both acquisition of skills and understanding of mathematical concepts. Ideas will be explored through multiple representations: symbolically (using equations), numerically (looking at tables of data), graphically (visually), and verbally (through the use of the English language). Students will learn reasoning and to communicate mathematical ideas clearly. Graphing calculators will be used throughout the course. In semester one, students will begin studying applications of linear and quadratics functions including absolute value and matrices. Students will learn to problem solve through studying real world applications, including data analysis and regression. Pre-requisite: Good performance in Algebra 1.	0.5	yes

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Mathematics	02056A000	G	Algebra II: 2nd semester content	Algebra II second semester takes a look at the mathematics that move the universe and the mathematics that students will need to shape their future. This one-semester course builds on first semester work with quadratic functions and goes on to explore the conic sections of circles, ellipses and hyperboles - the equations that describe how the universe moves. Students will use linear functions involving x, quadratic functions involving x <sup>2</sup> , and incorporate higher powers of x to build more powerful polynomials. These polynomials will serve as the building blocks to expressions that can model the world around us. Second semester also adds two new classes of functions - exponential and trigonometric. Polynomials, exponentials, and trigonometric functions provide students with an algebra vocabulary rich enough to describe metabolism in biology, motion in physics, and the mathematics needed in general chemistry. Algebra 2 as a whole will prepare students for upper level high school science and other math courses. Pre-requisite: Good performance in Algebra II first semester.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Mathematics	02124A000	H	AP Calculus AB	<p>Calculus AB is a two-semester Advanced Placement course and is the equivalent of an introductory, one-semester, college-level Calculus course. It is in compliance with the College Board Audit and recommendations to prepare students for the AP Exam. AP Calculus AB teaches you to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. You learn more than how to calculate right answers. You learn to use and clearly communicate mathematical reasoning, and to translate between the English language and the language of math. In fact, in Calculus you will often be called upon to evaluate the soundness of proposed solutions rather than simply get the right answer. That's why in this course you'll focus on developing a deep understanding of mathematical ideas instead of simply memorizing procedures and rules. Recommended pre-requisite: Pre-Calculus.</p>	1	
Mathematics	02203A000	H	AP Statistics	<p>AP Statistics is a two-semester Advanced Placement course and is the equivalent of a non-calculus-based introductory college course. It is in compliance with the College Board Audit and recommendations to prepare students for the AP Exam. Studying statistics will help you learn about the art of drawing conclusions from imperfect data. Statistics focuses on the uncertainties and compromises of the real world, and plays an important role in many fields, including medicine, business, engineering, sociology, political science, economics, and geography. AP Statistics gives students hands-on experience collecting, analyzing, graphing, and interpreting real-world data. Through online discussions and assignments, students will develop skills in effectively designing and analyzing research studies by reviewing and evaluating real research examples that affect their daily lives. Recommended pre-requisite: Algebra II.</p>	1	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Mathematics	02121A000	H	Calculus and Analytical Geometry I (Math 220)	This is a first two-semester course in calculus and analytical geometry, covering basic techniques of differentiation and integration with applications including curve sketching, anti-differentiation, the Riemann integral, fundamental theorem, exponential and circular functions. This course has a prerequisite of Algebra II and Geometry; Pre-Calculus is strongly recommended. The course is a dual enrollment course, meaning it can be taken for high school and/or potentially university credit. Students who do well in this course can apply for 5 semester credit hours for Math 120 from the University of Illinois by having their major tests graded at the University of Illinois, performing at the A or B level on those tests, and paying a University tuition fee. The course makes extensive use of the software package Mathematica. For additional, information please see <a href="http://netmath.math.uiuc.edu/">http://netmath.math.uiuc.edu/</a>	1	
Mathematics	02121A000	H	Calculus and Analytical Geometry II (Math 231)	This is a second two-semester course in calculus and analytic geometry, covering techniques of integration, conic sections, polar coordinates, and infinite series. This course has a prerequisite of Calculus and Analytical Geometry I. This course is a dual enrollment course, meaning it can be taken for high school and/or potentially university credit. Students who do well in this course can apply for 3 semester credit hours for Math 130 from the University of Illinois by having their major tests graded at the University of Illinois, performing at the A or B level on those tests, and paying a University tuition fee. The course makes extensive use of the software package Mathematica. For additional, information please see <a href="http://netmath.math.uiuc.edu/">http://netmath.math.uiuc.edu/</a> .	1	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Mathematics	02072A000	G	Geometry: 1st semester content	Geometry is the analysis of shapes and their relationships. Undefined concepts of point, line, and plane are the foundation of Euclidean Geometry. In this first semester course, students will learn to reason logically with deductive and inductive reasoning; postulates, theorems, and definitions will be used in formal and paragraph proofs. Other topics include congruent triangles, quadrilaterals, parallelograms, and all their properties that can be used in proofs and in relationships.	0.5	yes
Mathematics	02072A000	G	Geometry: 2nd semester content	This second semester of Geometry continues to build on the concepts introduced in the first semester course with formal proofs covering congruent polygons, and similar triangles. The relationships of arcs, secants, tangents, chords, and circles are covered. Properties of similar figures and their proportions will be studied and applied to concrete problems. The relationships of trigonometric functions are an important part of this course and their uses will be applied to practical problems.	0.5	yes
Mathematics	02110A000	E	Precalculus: 1st semester content (Analytical Geometry and Algebra)	In this course, students will study various topics in preparation for calculus which will include: linear and quadratic functions; vectors and matrices, sequences and series, theories of probability, analytic geometry, and advanced topics in problem solving techniques. Students will practice expressing mathematical ideas and relationships in writing and in the form of equations. Real world applications will be explored. Prerequisites for this course include: Algebra I, Algebra II, and Geometry. Students will be expected to use a graphing calculator.	0.5	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Mathematics	02110A000	E	Precalculus: 2nd semester content (Trigonometry)	This is the second of two 17-week courses designed to provide students with the necessary skills for studying calculus and other college mathematics courses. This course reviews basic concepts in trigonometry. Students will learn about approximate values, trigonometric identities, graphs, equations, logarithms, vectors, complex numbers and polar coordinates. When appropriate, the course will relate trigonometry to real life applications. Prerequisites for this course include: Algebra I, Algebra II, and Geometry. Students will be expected to use a graphing calculator.	0.5	
Middle School Math	02051A000	R*(FOR HS STUDENTS)	Pre-Algebra: 1st semester content	Pre-Algebra is a comprehensive course that provides students with a foundation for success in Algebra I. Topics that will be covered in the first semester are algebraic computation, numbers and number relations, fractions, decimals, and percents, algebraic expressions and equations, inequalities, functions and graphing, powers and exponents, and polynomials. In this course students progress through a series of Topics, each subdivided into areas of examples, practice, assignment, review and quiz. Students receive many opportunities to understand concepts and practice computation presented in Topics before being assessed and moving on.	0.5	yes
Middle School Math	02051A000	R*(FOR HS STUDENTS)	Pre-Algebra: 2nd semester content	Pre-Algebra is a comprehensive course that provides students with a foundation for success in Algebra I. Topics that will be covered in the second semester are statistics, probability, basic geometry, two dimensional geometry, transformations, measurement in two dimensional geometry, and measurement in three dimensional geometry. In this course students progress through a series of Topics, each subdivided into areas of examples, practice, assignment, review and quiz. Students receive many opportunities to understand concepts and practice computation presented in Topics before being assessed and moving on.	0.5	yes



### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	03056A000	H	AP Biology	<p>AP Biology is a two-semester Advanced Placement course and is the equivalent of the general biology course usually taken during the first college year. It is in compliance with the College Board Audit and recommendations for preparing students for the AP Exam. In this course you will use the "tools of science" to complete the AP Biology course. Throughout this course you will be expected to explore many on-line sites, answer questions, reflect on issues and complete lab activities. The primary emphasis is to develop an understanding of concepts rather than memorizing terms and technical details. This course requires a great deal of self-discipline and motivation. The ultimate goal of this course is to prepare you to successfully take the AP Biology examination offered in May.</p>	1	
Science	03106A000	H	AP Chemistry	<p>AP Chemistry is a two-semester Advanced Placement course and is the equivalent of the general chemistry course usually taken during the first college year. It is in compliance with the College Board Audit and recommendations for preparing students for the AP Exam. The AP Chemistry course will help build your understanding of the nature and reactivity of matter. You'll learn about the structure of atoms, molecules, and ions, then explore how that structure lets us predict and quantify the chemical reactions that substances undergo. AP Chemistry will help you develop an understanding of chemical concepts and become skilled at solving quantitative chemical problems through a combination of instructional activities. This course will be valuable to all students planning to continue in science, health sciences, or engineering courses in college. Recommended pre-requisites: Intro Chemistry and Algebra II.</p>	1	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	03207A000	H	AP Environmental Science	This one-semester course covers all of the material outlined by the College Board as necessary to prepare students to pass the AP Environmental Science exam. This course is designed to acquaint you with the physical, ecological, social, and political principles of environmental science. The scientific method is used to analyze and understand the inter-relationships between humans and the natural environment. The course shows how ecological realities and the material desires of humans often clash, leading to environmental degradation and pollution. The course covers the following topics: Earth's Systems, Human Population Dynamics, Natural Resources, Environmental Quality, Global Changes, and Environment and Society.	0.5	
Science	03155A000	H	AP Physics B	This course covers all of the material outlined by the College Board as necessary to prepare students to pass the AP Physics B exam. This course is divided into two semesters and is designed to acquaint you with topics in classical and modern physics. The first semester discusses topics in Newtonian mechanics including: kinematics, laws of motion, work and energy, systems of particles, momentum, circular motion, oscillations, and gravitation. The first semester concludes with topics in fluid mechanics, thermal physics, and kinetic theory. The second semester discusses the topics of electricity and magnetism, waves and optics, and atomic and nuclear physics. The course emphasizes problem solving, and there are numerous interactive examples throughout. You will also gain laboratory experience through interactive lab simulations and wet labs.	1	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	03156A000	H	AP Physics C	This two-semester course covers all of the material outlined by the College Board as necessary to prepare students to pass the AP Physics C exam. This course is designed to acquaint you with topics in mechanics and classical electricity and magnetism. The first semester is devoted to Newtonian mechanics including: kinematics, laws of motion, work and energy, systems of particles, momentum, circular motion, oscillations, and gravitation. The second semester discusses the topics of electricity and magnetism. The course emphasizes problem solving including calculus, and there are numerous interactive examples throughout. You will also gain laboratory experience through interactive lab simulations and wet labs.	1	
Science	03004A000	G	Astronomy	Astronomy is looking up! In this class students will explore the moon (its impact on seasons, phases and eclipses), stars (functions, constellations, life cycle), planets (characteristics), and the structure of the universe. Students will participate in labs and collect data of the night sky over an extended period of time. Students will also research current topics in astronomy and investigate the possibility of life on other planets or in other locations in the universe.	0.5	
Science	03051A000	G	Biology: 1st semester content	By retracing Charles Darwin's famous voyage to the Galapagos Islands, students will learn how science is used daily to answer questions about life. On their journey, students will learn basic biology concepts such as the characteristics of life, chemistry, cell biology, photosynthesis, mitosis and meiosis, genetics, DNA, evolution and classification.	0.5	yes
Science	03051A000	G	Biology: 2nd semester content	Students will continue to retrace the voyage of the HMS Beagle as they set sail on the HMS Beagle II again. This is not an historical journey, but a modern journey in which students will learn about biological diversity-including viruses, bacteria, protists, fungi, plants, and animals.	0.5	yes

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	14252A000	E	Biotechnology	Biotechnology is a two-semester course. Students will explore biotechnology issues and ethics, DNA composition, cloning, human genome project, embryology, forensic science, bacteria, viruses, twin studies, relatedness, immunology, cancer, mutations and genetic engineering. In addition, students will create their own web page to post projects and essays on the Internet. This course is designed for college bound students especially those interested in careers in the medical field and other biology fields.	1	
Science	03101A000	G	Chemistry: 1st semester content	Beginning with the structure of atoms and molecules, first semester Chemistry students will study atomic theory, periodic trends, types of bonding, chemical reactions, oxidation and reduction, environmental issues, and the mathematics of chemistry. Along the way, they'll conduct chemical investigations, demonstrate the results, and develop a solid understanding of several universal scientific principles. This first semester basic chemistry course is an essential step for further studies in all avenues of science. It the first semester of two semesters which meet the prerequisites for AP Chemistry in high school or a 100-level chemistry course in college.	0.5	
Science	03101A000	G	Chemistry: 2nd semester content	Beginning with the properties of matter, second semester Chemistry students will study gas laws, applications of the mathematics of chemistry, basic organic chemistry, acids and bases, oxidation and reduction, states of matter, environmental issues, sources of energy in food, and reaction rates and equilibrium. Along the way, they'll conduct chemical investigations, demonstrate the results, and develop a solid understanding of several universal scientific principles. This second semester basic chemistry course is an essential step for further studies in all avenues of science. It the second semester of two semesters which meet the prerequisites for AP Chemistry in high school or a 100-level chemistry course in college.	0.5	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Science	03001A000	G	Earth Science: 1st semester content	First semester Earth Science focuses on the geology of the Earth (minerals and rocks) and how the Earth has changed over geologic time. The Theories of Plate Tectonics and Continental Drift will also be explored. Inquiry based labs using GIS Technology in the form of the "My World" program developed by Northwestern University will be used extensively.	0.5		
Science	03001A000	G	Earth Science: 2nd semester content	Earth Science second semester focuses on the Earth's atmosphere, its climates and biomes, and space. Inquiry based labs using GIS Technology in the form of the "My World" program developed by Northwestern University will be used extensively.	0.5		
	03003A000		Environmental Science	If a butterfly flaps its wings in Illinois, is a wind produced in China? This course challenges students to use the scientific method to explore, analyze, and understand the world around them and the interactions between life, the planet and the principles of environmental science. Project based learning and field study encourages students to get outside and explore local resources such as nature centers, parks, or their own front steps.	0.5		
Science	03006A000	G	Meteorology	Meteorology is the scientific study of the atmosphere and how it relates to weather processes and changes in the climate. In this one-semester course, students will research and discuss the atmosphere (composition and structure), clouds (formation and how they impact weather), precipitation (formation and types), severe weather (hurricanes, tornadoes, and El Nino), weather maps (reading and interpreting), and human impact (ozone layer and global warming). Students will also research current topics in meteorology and use real data to investigate and analyze layers of the atmosphere, weather maps, severe weather, and global warming trends.	0.5		

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	03005A000	G	Oceanography	In this one-semester introductory laboratory course developed through a partnership with the John G. Shedd Aquarium in Chicago, students study ocean structure and marine ecology through exploration of coastal, open ocean, and deep water environments. Students investigate human interactions, the influence of technology, and the physical, biological, chemical and temporal components that interact in various aquatic systems. Students will also investigate scientific thinking and research processes through use of simulations, discussions and models of ocean phenomenon. Each Unit has an overarching and essential question that place focus on the unit's activities. Students use a variety of means to increase their knowledge of fresh-water and marine systems. Individual unit activities use video, audio, text readings, interactive simulations, data analysis, graphing, computations, and discussions to meet the topic objectives.	0.5	
Science	03151A000	G	Physics: 1st semester content	The science of physics involves the discovery of patterns and relationships in natural phenomena. As students progress through this interactive Physics 1 first semester course, they will be introduced to familiar situations from a new perspective. They will learn to explain, according to the laws of physics, the events that occur in the world around them. Through text, graphics, and interactive simulations, they will investigate straight-line motion, motion in two dimensions, energy, relativity, properties of matter, heat, and temperature. Students successfully completing this course will be able to increase their knowledge of the physical world by concentrating on major concepts of physics instead of isolated facts and formulas; explore how physics applies to everyday life; and test new ideas by making observations, collecting evidence, searching for patterns, and proposing hypotheses to explain the observed relationships.	0.5	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Science	03151A000	G	Physics: 2nd semester content	The science of physics involves the discovery of patterns and relationships in natural phenomena. As students progress through this one-semester interactive Physics 1 second semester course, they will continue to view familiar situations from a different perspective. They will learn to explain, according to the laws of physics, the events that occur in the world around them. Through text, graphics, and interactive simulations, they will investigate wave motion, sound, light, reflection and refraction, color, magnetism, electricity, and nuclear physics. Students completing this course will be able to increase their knowledge of the physical world by concentrating on major concepts of physics instead of isolated facts and formulas; explore how physics applies to everyday life; and test new ideas by making observations, collecting evidence, searching for patterns, and proposing hypotheses to explain the observed relationships.	0.5	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Social Studies	04151A000	G	American Government: Inside Washington	<p>In this exploratory one-semester course, students join six teenagers as they travel around the United States in a recreational vehicle named "Washington." The teens, called the "Insiders," travel to five cities to collect information about the Constitution, the federal bureaucracy, and the three branches of government. As the "Insiders" gather information, they pass it along to the student. While exploring the country, the "Insiders" also learn about a variety of public policy issues, from teen pregnancy to affirmative action. The "Insiders" interview ordinary Americans about their opinions, offer Web sites, and present information about the issues. The students must select five issues and do five projects in which they will have to make the same kinds of decisions expected of voting-age Americans. Upon completing this course, students will be able to define civic life, politics, and government, and clarify their values of these topics; describe the foundations of the American political system and compare them with contemporary laws and principles of American democracy; describe America's relationship with other nations and its role in world affairs; and describe the roles of the citizen in American democracy.</p>	0.5		



**Illinois Virtual School: Illinois Transcript Coding Project Crosswalk**

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Social Studies	04102A000	G	American History: 1st semester content	<p>In this first semester of American History, students follow events and trends in the history of the United States from the arrival of the indigenous peoples through the end of the Civil War. American History is presented from multiple perspectives as recorded by various groups. Students read and hear the words of Native Americans, Europeans, Euro-Americans, Africans, African Americans, Mexicans, and Mexican Americans as they describe events and conditions that reshaped life in the Western Hemisphere. Students completing this 17-week course will know who have lived in what is known today as the United States; compare the influences of the indigenous peoples of North America with those of the European explorers and settlers that led to the conflicts among the various nations; examine the establishment of the United States of America, first under the Articles of Confederation, then the United States Constitution; examine the events leading up to the Civil War that created the irreconcilable split between the North and South; and investigate the personal costs of the Civil War, including its casualties and long-term effects.</p>	0.5		
Social Studies	04103A000	G	American History: 2nd semester content	<p>In the second semester of American History, students learn about American history from the Civil War's end through the 1970s. This 17-week course is divided into four historical eras, and each era is divided into five different types of history: political history, popular history, the history of multicultural peoples, and economic history. The course's structure allows students to learn about history from a variety of different viewpoints. A student completing this course will study, analyze, and be able to explain about places, people, and pivotal events in post-Civil War America, including the Reconstruction and its effects, the expansion and conquest of the West, the Industrial Revolution, World War I and II, The Great Depression, the Civil Rights Movement, and the Cold War.</p>	0.5		

## Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Social Studies	04251A000	G	Anthropology	In this interactive one-semester course, students become familiar with their own culture, as they are introduced to cultures from around the world and from different periods in history. The course uses the five Roots of Culture: Family, Land, Death, Identity, and Power to explore the similarities and differences in cultural roles in various times and places.	0.5		

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Social Studies	04056A000	H	AP European History	<p>The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of the AP program in European History are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing. This two-semester course is a study of the social, economic, cultural, intellectual, political and diplomatic history of Modern Europe and its place in the history of the world from the fall of Constantinople to the fall of the Berlin wall and the Soviet Union. The course will be taught at a level and rigor equivalent to that required of students in a college freshman or sophomore Modern European History course. The course objective is to develop an understanding of the major periods, ideas, movements, trends, and themes that characterize European history from approximately 1450-the high Renaissance-to the present. Students develop the ability to analyze historical evidence and express understanding and analysis in writing. We try to prepare our students to be successful at undertaking university-level work. The course will correspond to recent trends in history curricula at the undergraduate level and will prepare students for the College Board examination in European History given in the Spring.</p>	1		

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Social Studies	04004A000	H	AP Human Geography	AP Human Geography is a two-semester course. The purpose of this course is to immerse students in the study of Human Geography. Geography is a fascinating and practical science which studies the location of people and their activities across the Earth's surface, and the reasons for their diffusion. This class has been designed to meet the guidelines set down by the College Board Audit and will prepare students to take and pass the AP Human Geography exam given in May. Students taking this course should have strong written communication skills and be able to work independently.	1	
Social Studies	04256A000	H	AP Psychology	AP Psychology is a one-semester course designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students will also learn about the ethics and methods psychologists use in their science and practice. The equivalent of a 100-level college survey course, AP Psychology prepares students for the AP Exam and for further studies in psychology and life sciences.	0.5	
Social Studies	04157A000	H	AP US Government and Politics	AP U.S. Government and Politics is a one-semester course and is the equivalent to an introductory, one-semester, college-level U.S. Government course. It is in compliance with the College Board Audit and recommendations for preparing students for the AP Exam. This course covers the "nuts and bolts" of the American political system, and shows students how to gather and analyze data about political behavior and form theories about how and why our political system acts as it does. It's not a course about what is the best political policy, but about the structure and operations of the U.S. government and the behavior of the electorate and politicians.	0.5	

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Social Studies	04104A000	H	AP US History	AP US History is a two-semester course and is equivalent to a one-semester, college-level US History survey course. It is in compliance with the College Board Audit and requirements to prepare students for the AP Exam and potential college credits. Through analysis and exploration, students in AP US History build an understanding of the economic, political, and social changes that have occurred in America since Columbus. Students learn how historical decisions and events continue to profoundly affect the world today and how knowledge of the causes behind past events can shape future decisions. Students put their factual knowledge to work by weighing evidence and interpreting problems presented by historians. Mastery of historical knowledge and skill in critical analysis are the cornerstones of this course. Through a variety of individual and collaborative activities, students focus on building reading, writing, and communication skills they'll use throughout their academic and professional careers.	1	
Social Studies	04151A000	G	Civics in Cyberspace	This one-semester course is designed to fulfill the requirements set forth by the State of Illinois regarding the U.S. Declaration of Independence, U.S. Constitution, Illinois Constitution, and U.S. Flag Code exams. Each unit will require the student to research documents and record basic facts. In addition, each unit has a project to foster critical thinking skills. After each unit, a timed multiple choice and/or true-false test will be administered. After the final unit, there will be a comprehensive test over the U.S. Constitution and Illinois Constitution which meet the state graduation requirements.	0.5	

## Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List	
Social Studies	04254A000	G	Psychology	<p>Have you ever wondered why people do the things they do? Psychology is a fascinating scientific field that seeks to understand human behavior by examining what underlies who we are and how we act. In this one-semester course, students will examine and test major theories regarding methodology, biological bases of behavior, personality development, learning and memory, abnormal psychology and therapy, and social psychology. Students will learn proper research procedure and utilize the scientific method as they conduct their own (informal) psychological research. Completion of this course will acquaint students with the major concepts, theorists, and terminology of the discipline, enabling them to better understand themselves and others.</p>	0.5		

### Illinois Virtual School: Illinois Transcript Coding Project Crosswalk

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Social Studies	04051A000	E	World History: 1st semester content	<p>History is the social science concerned with the study, recording, and examination of the past activities of human beings. The Illinois Virtual School covers the history of the world chronologically through two one-semester courses. The first semester course covers the period from the first river valley civilizations to the discovery of the New World covering: Early Civilizations, Classical Civilizations, The Rise of New Empires, Europe in the Middle Ages, and the Early Modern Era. The course traces the historical development of all major civilizations before the modern era, examining the roots of each society, its traditions and its adaptation to change. Geographical background is featured and students will learn the basics of historical research. The course seeks to broaden the student's cultural horizons and develop an appreciation and understanding of other ways of life. Students will explore how human-geographic relationships, political and social structures, economics, science and technology, and the arts developed and influenced life in the ancient world. Students will investigate the origins of the world's major religions and belief systems, the importance of trade and cultural exchange, the development of agriculture and the growth of relationships between ancient civilizations. The content is based on the National Council for the Social Studies (NCSS) standards.</p>	0.5	yes

**Illinois Virtual School: Illinois Transcript Coding Project Crosswalk**

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
Social Studies	04051A000	E	World History: 2nd semester content	<p>History is the social science concerned with the study, recording, and examination of the past activities of human beings. The Illinois Virtual School covers the history of the world chronologically through two one-semester courses. The second semester course covers the period from the early development of the New World to the Twenty First Century covering: The Age of Exploration, The Enlightenment and the Age of Revolution, The Industrial Revolution, The Age of Imperialism, World Conflicts and the New Age of Internationalism. The course traces the historical development of all major modern societies, examining the roots of each, its traditions and its adaptation to change. Geographical background is featured and students will learn the basics of historical research. The course seeks to broaden the student's cultural horizons and develop an appreciation and understanding of other ways of life. Students will explore how human-geographic relationships, political and social structures, economics, science and technology, and the arts have developed and in the modern era. Students will investigate the importance of trade and cultural exchange; the relations between modern societies; the spread of democracy; the rise of nation states; the industrial revolution; the spread of imperialism; and the issues and conflicts of the 20th century. The content is based on the National Council for the Social Studies (NCSS) standards.</p>	0.5	yes
World Languages	06132A000	H	AP French Language	<p>AP French Language is a two-semester course. AP French Language students apply their French grammar and vocabulary knowledge and their listening, reading, speaking, and writing skills to a wide variety of real-world contexts. Students learn to speak fluently and accurately, write complicated compositions, and comprehend native speakers. AP French Language prepares students for the AP Exam. The content meets the requirements of the College Board Audit and aligns to the scope and sequence specified by the College Board and to widely used textbooks.</p>	1	



**Illinois Virtual School: Illinois Transcript Coding Project Crosswalk**

Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06112A000	H	AP Spanish Language	AP Spanish Language is a two-semester course. AP Spanish Language students practice perfecting their Spanish speaking, listening, reading, and writing skills. They study vocabulary, grammar, and cultural aspects of the language, and then apply what they've learned in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses. The equivalent of a college-level language course, AP Spanish Language meets the requirements of the College Board Audit, prepares students for the AP Exam and for further study of Spanish language, culture, or literature.	1	
World Languages	06121A000	G	French I: 1st semester content	The French language program strives to help students to develop their proficiency in the French language through the four language skills of listening, speaking, reading, and writing. One main goal of the first semester is to gain vocabulary needed to provide students with the confidence to express themselves in the French language. An additional goal is to instill in students and understanding and appreciation for French culture around the world.	0.5	yes
World Languages	06121A000	G	French I: 2nd semester content	The French language program strives to help students to develop their proficiency in the French language through the four language skills of listening, speaking, reading, and writing. Second semester builds on what the student has learned in first semester French 1. Students will continue to expand their vocabulary and grammar skills, while also exploring more about the French culture.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06122A000	G	French II: 1st semester content	Building on what they learned during the first year, students will increase their speaking confidence, vocabulary, reading comprehension, sentence construction skills, cultural knowledge, and their grammar, including: verb usage (focus on voir and croire), irregular adjectives, negative expressions, imperfect tense, prepositional phrases and object pronouns. By the end of the course, they should be able to write and use simple phrases to expand conversations, and follow a story line with full comprehension.	0.5	yes
World Languages	06122A000	G	French II: 2nd semester content	Building on what they learned during first semester, students in second semester will continue to increase their speaking confidence, vocabulary, reading comprehension, sentence construction skills, cultural knowledge, and their grammar, including: pronouns, verb usage (focus on recevoir, devoir, rire, sourire, ), future and conditional tenses, and question word usage. By the end of the course, they should be able to write and use simple phrases to expand conversations, and follow a story line with full comprehension	0.5	yes
World Languages	06201A000	G	German I: 1st semester content	First year German students start out by learning introductions, greetings, and the days of the week, words and phrases to find out information, vowel pronunciation, and how to use articles, plurals, and noun/adjective agreement with gender. From there, they begin to incorporate their new vocabulary through rhythm and cadence, sentence pattern recognition and comprehension skill building. They will also increase their fluency, practice counting and simple math, learn to form plurals with greater accuracy, use infinite verbs, and form question statements. Vocabulary revolves around the individual, the family, and the school, and opportunities will be offered for listening, speaking, reading and writing in German.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06201A000	G	German I: 2nd semester content	Second semester German 1 students will continue building vocabulary, as well as listening, speaking, reading and writing skills. Specifically, students will learn comparatives and superlatives, dative and accusative case prepositional phrases, reflexive verbs, conversational and simple past tense constructions and future tense verbs. Word order will become increasingly important as sentences become more interesting and more complex. Topics of units include free time activities, responsibilities at home, opportunities in the surrounding areas, and vacation/trip options. A strong foundation in verb conjugation and vocabulary from first semesters is a pre-requisite.	0.5	yes
World Languages	06202A000	G	German II: 1st semester content	Building on what they learned in German 1, students in German 2 first semester will increase their speaking confidence, vocabulary, reading comprehension, sentence construction skills, cultural knowledge, and their grammar, including: present tense, verb usage, nominative and accusative cases, modals, numbers and dates, definite and indefinite articles, possessive adjectives, question words and prepositions. By the end of the course, students should be able to write and use simple phrases to expand conversations, and follow a story line with full comprehension.	0.5	yes
World Languages	06202A000	G	German II: 2nd semester content	Building on what they learned in German 1 and in German 2 first semester, students in second semester will continue to increase their speaking confidence, vocabulary, reading comprehension, sentence construction skills, cultural knowledge, and their grammar, including: verb usage, two-way prepositions, definite and indefinite articles, prefixes, present perfect tense, indefinite pronouns, time, manner and place word usage. By the end of the course, students will be able to write and use simple phrases to expand conversations, and follow a story line with full comprehension.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06301A000	G	Latin I: 1st semester content	Latin I first semester content is an one-semester exploration of the language, customs, geography, and mythology of the ancient Romans which have influenced the modern world. Study of the Latin language vocabulary and grammar will impact and expand the understanding of English grammar and vocabulary. The student will be expected to correspond with the instructor, and complete short quizzes, tests, brief assignments, and two projects.	0.5	yes
World Languages	06301A000	G	Latin I: 2nd semester content	Latin I second semester content is a one-semester continuation of the first semester's curriculum, with further vocabulary and grammar development as well as further exploration of Roman life and culture. The student will again be expected to complete short quizzes, tests, simple assignments, and projects.	0.5	yes
World Languages	06302A000	G	Latin II: 1st semester content	Latin II first semester content is a one-semester expansion of the material learned in the first two semesters. Additional work in grammar is introduced through short readings relating to topics such as mythology, classical heroes, Roman government and politics, as well as the influence of these subjects on the modern world. As always, the student is expected to correspond regularly with the instructor and to complete various assignments, quizzes, tests, and projects.	0.5	yes
World Languages	06302A000	G	Latin II: 2nd semester content	Latin II second semester content is a one-semester continuation of the material in the previous courses, with an eye to becoming familiar with more complex constructions of grammar such as participles, infinitives, and comparison of adjectives and adverbs. Readings in the course center around mythological topics adapted from the poet Ovid, as well as historical material adapted from Livy. A more sophisticated writing level is expected, as well as a growing mastery of previous grammar.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06101A000	G	Spanish I: 1st semester content	<p>Spanish 1 is a introductory course which opens the door to both the Spanish language and Spanish culture. Guided by the standards of the American Council on the Teaching of Foreign Languages (ACTFL), and aligned to the Illinois Learning Standards, IVS Spanish 1 focuses on the core skills of listening, speaking, reading and writing of this Romance language. Using multi-media tools, students participate in guided conversations and written activities which include a comprehensive cultural approach to the Spanish-speaking world incorporating history, architecture, the arts, literature and foods. Students can record and listen to their voices at any time as well as send audio files to their instructor for assessment. While both semesters follow similar patterns of instruction, first semester focuses on building basic grammar skills in the areas of verb conjugation, article usage, regular and irregular verb usage (focus on ser, estar, tener, gustar), telling time and possessive adjectives. Both formative and summative assessments are used in this course.</p>	0.5	

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06101A000	G	Spanish I: 2nd semester content	<p>Spanish 1 is a introductory course which opens the door to both the Spanish language and Spanish culture. Guided by the standards of the American Council on the Teaching of Foreign Languages (ACTFL), and aligned to the Illinois Learning Standards, IVS Spanish 1 focuses on the core skills of listening, speaking, reading and writing of this Romance language. Using multi-media tools, students participate in guided conversations and written activities which include a comprehensive cultural approach to the Spanish-speaking world incorporating history, architecture, the arts, literature and foods. Students can record and listen to their voices at any time as well as send audio files to their instructor for assessment. While both semesters follow a similar pattern of instruction, second semester expects students to use what they learned in first semester in activities. Second semester covers reflexive verbs, prepositions, demonstrative, affirmative and negative expressions, the preterite tense, and adjective and pronoun usage. Both formative and summative assessments are used in this course.</p>	0.5	

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06102A000	G	Spanish II: 1st semester content	Spanish 2 is considered a continuation of Spanish 1 and builds on knowledge gained in that course. First semester begins with a review of Spanish 1 skills and students are expected to use what they learned in Spanish 1 in this course. As they progress through this course, students will continue to learn more Spanish language concepts in reading, writing and speaking and add to their knowledge of Spanish vocabulary. Students will also continue to build linguistic proficiency and deepen cultural appreciation through relevant content interwoven with language and culture. Items of focus in first semester include irregular verbs, present, present imperative, preterito, and imperfect tense, verb usage (specific focus on querer, conocer, and saber), indirect object pronouns and weather and time. Students will communicate with their classmates and teacher via asynchronous discussions, uploaded audio files and live web conferencing.	0.5	yes

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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06102A000	G	Spanish II: 2nd semester content	Spanish 2 is considered a continuation of Spanish 1 and builds on knowledge gained in that course. Second semester begins with a review of Spanish 1 and first semester skills and students are expected to use what they learned previously in this course. As they progress through this course, students will continue to learn more Spanish language concepts in reading, writing and speaking and add to their knowledge of Spanish vocabulary. Students will also continue to build linguistic proficiency and deepen cultural appreciation through relevant content interwoven with language and culture. Items of focus in second semester include describing past actions, numbers and calendar, augmentatives, future tense, and conditional and subjunctive moods. Semester two contains many review activities intended to help students master the material presented in both first and second semesters. Students will communicate with their classmates and teacher via asynchronous discussions, uploaded audio files and live web conferencing.	0.5	yes
World Languages	06103A000	E	Spanish III: 1st semester content	Spanish 3 is considered a continuation of Spanish 2. In this course, students continue their journey toward Spanish language acquisition and broaden their knowledge of the cultures of Spanish-speaking nations. The course is designed with thematic units that enable students to connect learning with real life situations while focusing on diverse aspects of the cultures of the featured countries. First semester focuses on a review of essential grammar, reading and speaking. Themes explored include Spanish music, art and dance, as well as health and politics.	0.5	yes



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Department	State Course Code	Rigor Level	Master Course Name	DESCRIPTION	Credits	MS Cross List
World Languages	06103A000	E	Spanish III: 2nd semester content	In this course, students continue their journey toward Spanish language acquisition and broaden their knowledge of the cultures of Spanish-speaking nations. Spanish 3 is designed with thematic units that enable students to connect learning with real life situations while focusing on diverse aspects of the cultures of the featured countries. Second semester focuses on a review of essential grammar, reading, and speaking. Themes explored include communication, employment and biodiversity.	0.5	yes
World Languages	06104A000	E	Spanish IV: 1st semester content	This course is designed to help you further your knowledge of Spanish as well as introduce you to the opportunities available to individuals familiar with the cultures of Spanish-speaking nations. These opportunities will be presented through exposure to the ceremonies and holidays, literature, women's roles, religion, personal heritage, indigenous groups's heritage, sports and hobbies, and university life of our neighbors in the Spanish-speaking world. You will optimize your reading, writing, speaking and listening skills through the online tools provided in this course. Diary entries, chats, asynchronous discussions, video viewing and audio recording are all required activities designed to facilitate your learning and make it an enjoyable and productive experience.	0.5	yes
World Languages	06104A000	E	Spanish IV: 2nd semester content	This course is designed to help you further your knowledge of Spanish as well as introduce you to the opportunities available to individuals familiar with the cultures of Spanish-speaking nations. These opportunities will be presented through exposure to history, the fine arts, politics, and the sciences. You will learn about Hispanic pioneers in these fields as you optimize your reading, writing, speaking and listening skills through the online tools provided in this course. Diary entries, chats, asynchronous discussions, video viewing and audio recordings are all required activities designed to facilitate your learning and make it an enjoyable and productive experience.	0.5	yes