

**PROJECT INSIGHT
HIGH SCHOOL COURSE DESCRIPTIONS**

All classes that are in **bold** are required classes to meet graduation requirement. All Classes and descriptions that are in *italics* are *Elective Classes*

English

4 credits required for graduation

English I - 01001A000 Credit: 1 (one year)
Grade level: 9
Prerequisites: None

English I is a freshman level course concentrating on literature, grammar, and composition. Types of literature presented include short stories, essays, poetry, drama and novels. Students respond to literature through composition topics. Emphasis is placed on the construction of effective sentences and complete paragraphs.

English II - 01002A000 Credit: 1 (one year)
Grade level: 10
Prerequisites: English I

English II concentrates on composition, usage (standard vs. non-standard), literature and public speaking skills. Students will study literature divided into the types: short story, poetry, nonfiction, modern drama, various aspects of traditional Western literature, folk tales, and novel form. The course also includes a special emphasis on speaking skills: informative, persuasive, and impromptu. Vocabulary expansion and an expanded knowledge of sentence structure are intermixed with development of paragraph skills.

English III - 01003A000 Credit: 1 (one year)
Grade level: 11
Prerequisites: English I and II

The course consists of basic English grammar instruction along with a study of American Literature. Composition includes preparation of essays and reports.

English IV - 01004A000 Credit: 1 (one year)
Grade level: 12
Prerequisites: English I, II, and III

This course focuses on maturing reading, writing, and speaking skills. Students are encouraged to read in a variety of areas and to continue developing communication skills for work and personal use.

Movies & Films: 05168A000 Credit 0.5 (one semester)
Grade Levels: 11, 12

Students will have the opportunity to explore and develop an understanding of various types of movies and films. The class will provide students with exposure to various types of films, character and plot development Students will examine techniques of exposition, comedy, drama, and suspense. This class would be writing intensive as this is how students would respond to movies and films that were watched.

Assisted Reading: 01067A000
Grade Levels: 9, 10, 11, 12

Credits 0.5 per semester

Assisted Reading offers students the opportunity to focus on their reading skills. Assistance is targeted to students' particular weaknesses and is designed to bring students' reading comprehension up to the desired level or to develop strategies to read more efficiently.

Science
2 credits required for graduation

Biology - 03051A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: 1 (one year)

Biology begins with the introductions to life processes, the cell and its activities (including photosynthesis, respiration, and protein synthesis). They identify and give scientific names for each species they find. Time is spent on the systems of the human body. Taxonomy discussion leads to work involving the five kingdoms. If time permits in the spring, a section involving ecology is explored. Course work includes lecture, note taking, laboratory activities, and field trips.

Physical Science - 03159A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: 1 (one year)

This course provides students with a fundamental understanding of basic concepts in physical sciences and how those concepts relate to scientific law. Focus in this course is on scientific method, physics, chemistry, and earth science.

Earth Science - 03001A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: 1 (one year)

Earth Science is the study of the earth—its matter, features, processes, and place in the universe. This course covers the areas of oceanography, climatology, stellar astronomy, mineralogy, meteorology, and ecology. It emphasizes the constant changes affecting crustal material including plate tectonics, mountain building, and earthquake and volcanic activity.

Some of the topics covered include: the earth's natural and mineral resources, energy resources, geologic timeline, geologic history, erosion and deposition, and weather. Lab activities for the course include rock and mineral exploration, crystal growing, graphing data and map reading.

Health
Graduation Requirement

Health - 08051A000 **Credit: .5** **(one semester)**
Grade level: 9, 10, 11, 12
Prerequisites: None

This one-semester orientation course is designed primarily for freshmen but may be taken anytime during high school. Students are taught information in personal dress and grooming, family planning, growth and development, communicable disease and its control, CPR and first aid, substance abuse, organ-tissue donor education, and wellness as it relates to the physical, mental, and social aspects of health. Course objectives also include: developing responsible decision making skills, understanding the forces in daily life which affect and have consequences upon the quality of life, and understanding human potential and relating this potential to the common areas within health education.

Mathematics
3 Credits required – Must have 1 credit of Algebra and 1 of Geometry to meet graduation requirements

Consumer Math - 02157A00 **Credit: 1** **(one year)**
Grade level: 9, 10, 11, 12
Prerequisites: Practical Math

Practice with the fundamental operations with whole numbers, fractions, mixed numbers, and decimals will be a large part of the course. The concept of percentages will be reviewed, as will some work with areas, volumes, and perimeter. The course will include applications of arithmetic to everyday life and the use of the calculator. Topics covered include earning money, keeping checkbook records and reconciling a balance, borrowing money, purchasing insurance, household budgeting, renting and purchasing of a home, taxes, and investments. Considerable review of arithmetic skills and practice with the calculator will be included when needed.

General Math - 02151A0 **Credit: 1** **(one year)**
Grade level: 9, 10, 11, 12
Prerequisites: Practical Math

Practice in basic concepts involving whole numbers, rounding, estimating, measurement conversion, multiplication and division of decimals, fractions, properties, percents, problem solving, and graphs. Students will begin to write and solve single and simple two step equations and work at creating math problems from written words on a page.

Pre-Algebra - 02051A000 **Credit: 1** **(one year)**
Grade level: 9, 10, 11, 12
Prerequisites: Teacher recommendation

This course is designed to prepare students for Algebra. Some of the topics covered include a review of basic math and evaluating expressions, combining like terms, distributive property, solving basic equations, solving percent equations, sequences, and problem solving.

Algebra - 02052A000 Credit: 1 (one year)
Grade level: 9, 10, 11, 12
Prerequisites: Pre-Algebra or Teacher recommendation

This course is a study of properties of the real number system, with emphasis on the simplification of mathematical expressions and solutions of equations. Functions are also introduced.

Geometry - 02072A000 Credit: 1 (one year)
Grade level: 10, 11, 12
Prerequisites: Pre-Algebra and teacher recommendation

This course is a study of geometric figures, such as points, lines planes, polygons, and their properties and uses in solving problems. It also includes using the coordinate systems.

Social Studies

2 Credits (1 credit U.S. History and ½ credit Civics) are required for Graduation

United States History - 04101A000 Credit: 1 (one year)
Grade level: 11
Prerequisites: None

This course starts with the colonization of America and follows the major events of the United States and its interaction with the world up to the present day. Emphasis is placed on completing the State of Illinois mandates of the Declaration of Independence, Illinois Constitution, flag, and U. S. Constitution tests.

Government - 04151A000 Credit: .5 (one semester)
Grade Level:

U.S. Government—Comprehensive courses provide an overview of the structure and functions of the U.S. government and political institutions and examine constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. These courses may examine the structure and function of state and local governments and may cover certain economic and legal topics.

Civics - 04161A000 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

This course is designed to explore the laws as they relate to criminal and civil justice. It is designed to help young people acquire and learn to use the skills, knowledge, and attitudes that will prepare them to be competent and responsible citizens throughout their lives. Content will address government institution, discuss current and controversial issues, and include service learning and simulations of the democratic process. Students will take the U.S. Constitution test in this class.

World History - 04051A000 Credit: 1 (one year)
Grade level: 9, 10, 11, 12
Prerequisites: None

This course consists of a study of the culture, religion and customs beginning in ancient civilizations and moving toward the present. One of the many areas of study in this course is the influence of earlier cultures upon modern ways of life.

Geography - 04001A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: 1 (one year)

In order to develop an understanding of the interrelationships between nations, this course explore the people, cultures, and economics of the different countries of the world. Study will revolve around world geographic patterns in the interrelationship of man and his physical environment. Specific topics include climate, landforms, weather, culture, and economic resources and patterns. Much of the course involves the study of specific countries and lifestyles, examining their uniqueness and cultural diversity. Map study will also be an important skill developed in this course.

Psychology - 04254A000
Grade level: 11, 12
Prerequisites: None

Credit: .5 (one semester)

As a basic introductory course, this class will focus upon all aspects of the human organism. Topics include understanding human behavior, perception, learning and thinking, personality development, conflicts and adjustments, and social behavior.

Required Classes Needed to meet graduation requirements

Physical Education - 08001A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: 1 (per year)

The purpose of this class is to promote physical fitness, mental fitness, and social and recreational abilities through participation in organized activities and sports. Each student will have a basic knowledge of rules and strategies in a variety of games and sports; emphasis will be on activities of a personal nature for use of each student after high school. Units of study include physical conditioning, basketball, softball, table tennis, soccer, volleyball, badminton, weight training, pickle ball, flag football, fitness testing, weightlifting, recreational games, and miscellaneous activities.

Consumer Education – 22210A000
Grade level: 9, 10, 11, 12
Prerequisites: None

Credit: .5 (one semester)

Students will participate in learning experiences that will focus on the knowledge, skills, and responsible attitudes needed by individuals and/or families in their roles as consumers in society. Key components of the course are installment purchasing, credit cards, budgeting, comparison of prices, insurance, savings, taxes, and factors to consider when making career choices and the use of resources to attain individual and/or family goals in our economy.

Driver's Education – 08152A000

Credit: .5 (one semester)

***Macomb students will take Driver's Education through Macomb)

Grade Level: 10, 11, 12
Prerequisites: None

Drivers' Education—Classroom and Laboratory courses provide students with the knowledge and experience to become safe drivers on America's roadways. Topics in these courses cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability (including alcohol and other drugs). Experience in driving a vehicle is an essential component of these courses.

Electives

Computer Applications: - 10004A001 Credit: .5 (one semester)
Grade levels: 9, 10, 11, 12
Prerequisites:

The course will focus on identifying computer parts and peripherals, learning basic computer terminology, an introduction to Microsoft Office to include: Office and PowerPoint. The creation of email accounts: sending and responding appropriately.

Communications Technology – 11155A001 Credit 0.5 (One semester)
Grade Levels: 10, 11, 12
Prerequisite: Pass Keyboarding with at least a C average
Students will use the computer to develop various layouts and designs using desktop publishing, digital pictures, offset printing and screen printing. Students will create brochures, cards, bulletins, fliers, business cards, etc.

Web Design: - 10201A001 Credit: .5 (one semester)
Grade levels: 10, 11, 12
Prerequisites: Pass Computer Applications

On Your Own – 22210A001 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

This course offers students instruction on how to become responsible and independent young adults. Six basic areas of human development will be explored: they are self-discovery; developing and understanding relationships; understanding and managing resources; developing shelter/housing needs; developing healthy nutritional choices for life; developing and creating a fashion sense. Other areas will be explored as this course progresses through the school year as the instructor sees the need.

Employability Skills - 22152A000 Credit: .5 (per year)
Grade level:
Freshman – Section 1
Sophomore – Section 2
Junior - Section 3
Senior - Section 4
Prerequisites: None

The students do self-exploration of their values, interests and aptitudes through standardized testing, and research into fields of employment. Students will gain knowledge of what employers expect from an employee, how to fill out application forms, tips for successful interviewing, skills and attitudes needed to be successful in the workplace in general.

Work Experience - 22004A001 Credit: 2 (per year)
Grade level: 11, 12
Prerequisites: Concurrent enrollment in Employability Skills

Work experience is designed to provide job-skills training for students. The student must take the interrelated class. Training plans and agreements are used. The student is trained by the sponsoring business under the supervision of the Work Experience coordinator. Emphasis will be upon employer/employee relations, interactions with other employees and customers, and attitudes and skills for maintaining employment.

Foods - 16054A001 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

Students will explore the various aspects involved in cooking food. Students will learn how to keep kitchen utensils and equipment clean; also students will understand sanitary methods used in cooking. Menu development and recipe planning will be developed. The student will spend class time cooking various types of food, i.e. appetizers, breakfast foods, lunch and dinner foods, plus baked goods and deserts.

Landscaping –18051A001 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

Students will learn the fundamentals of proper landscaping including planting and pruning techniques needed in establishing and maintaining indoor and outdoor landscapes used for their aesthetic value. Students will be able to name and identify common woody and soft stem ornaments along with the identification and care of common types of turf grasses used in various locations. Students will also develop an understanding of horticulture management techniques.

Basic Home Repair –17002A001 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

This course provides knowledge of fundamental principles and methods to develop basic skills related to masonry, painting, drywall, carpentry, electrical wiring, plumbing, heating, ventilating, and finish work. Instruction includes safety principles and practices, recognition of standard tools and materials, building concepts and procedures, cost estimating, and blueprint reading.

Adult Living - 22207A001 Credit: .5 (one semester)
Grade level: 9, 10, 11, 12
Prerequisites: None

This course focuses on relationships, choosing marriage partners, human reproductive anatomy, contraception, pregnancy and childbirth including pre-natal development through young adult, venereal diseases, common sexual concerns and problems, abusive relationships, and sexual harassment.

Intro to Play Productions: 05051A000 or 05033A000 Credit 0.5 (one semester)
Grade Levels: 11 & 12

Students will learn the basics parts of a play: Plot, Character, Thought (theme, idea), Dictation (Language), Music (sound), Spectacle. Students will develop the language needed to produce a short production.
<http://novaonline.nvcc.edu/eli/spd130et/playchar.htm>

Spanish I 06101A000 Credit 0.5 (per semester up to a year)
Grade Level: 9, 10, 11, 12
Prerequisites: None

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people.

Vocational/Fine Arts
1 credit to meet graduation requirements

Art I - 05154A000

Credit: 1 (one year)

Grade level: 9, 10, 11, 12

Prerequisites: None (may not be repeated for credit)

This is a multimedia course in art with short introductory experiences in as many materials and techniques as time will allow. Areas explored are two dimensional including drawing, painting, and collage; three-dimensional art of sculpture and crafts. There is some allowance for student input as to projects selected for further study. Emphasis is on understanding the creative thinking processes.

Art II - 05155A000

Credit: 1 (one year)

Grade level: 10, 11, 12

Prerequisites: None

Art II is a general, basic course designed to give beginning art students drawing experience. Topics covered include: basic perspective, figure and face proportions, elements and principles of design, lettering, animals, a variety of media and subjects suitable for class size.

Art History – 051582A000

Credit: 0.5 (one semester)

Grade level:

Prerequisites: None

Art History courses introduce students to significant works of art, artists, and artistic movements that have shaped the art world and have influenced or reflected periods of history. These courses often emphasize the evolution of art forms, techniques, symbols, and themes.

Movies & Films - 4506A000

Credit 0.5 (one semester)

Grade Levels: 10, 11, 12

Students will have the opportunity to explore and develop an understanding of various types of movies and films. The class will provide students with exposure to various types of films, character and plot development. Students will examine techniques of exposition, comedy, drama, and suspense. This class would be writing intensive as this is how students would respond to movies and films that were watched.