

# Macomb Modular

## COURSE DESCRIPTIONS 2020-2021

### English

4 credits required for graduation

English 9      01001A000  
Grade level: 9  
Prerequisites: None

Credit: 1 (one year)

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

English 10      01002A000  
Grade level: 10  
Prerequisites: English 9

Credit: 1 (one year)

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

English 11      01003A000  
Grade level: 11  
Prerequisites: English 9 and 10

Credit: 1 (one year)

English/Language Arts III (11th grade) courses continue to develop students' writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers developing one ability to communicate ideas for a variety of purposes. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses as this is the writing intensive course.

English 12      01004A000  
Grade level: 12  
Prerequisites: English 9, 10, and 11

Credit: 1 (one year)

English/Language Arts IV (12th grade) courses blend composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one or more major research papers.

Strategic Reading      01066A000  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Credit: .5 (one semester)

Strategic Reading courses are intended to improve a student's vocabulary, critical-thinking and analysis skills, or reading rate and comprehension level. Although these courses typically emphasize works of fiction, they may also include works of nonfiction (including textbooks). Strategic Reading courses often

have a time-management focus, offering strategies for note-taking or for understanding and evaluating the important points of a text.

### Science

2 credits required for graduation- Must have 1 credit of Biology to meet graduation requirements

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

Credit: 1 (one year)

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

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

Credit: 1 (one year)

Earth Science courses offer insight into the environment on earth and the earth's environment in space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, these courses usually explore oceanography, geology, astronomy, meteorology, and geography.

### Mathematics

3 credits required for graduation- Must have 1 credit of Algebra and 1 credit of Geometry to meet graduation requirements

Pre-Algebra     02051A000  
Grade level: 9, 10  
Prerequisites: None

Credit: 1 (one year)

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first-degree equations and inequalities.

Algebra           02052A000  
Grade level: 11, 12  
Prerequisites: Pre-Algebra

Credit: 1 (one year)

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

Geometry        02072A000  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Credit: 1 (one year)

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically include topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

### Social Studies

2 credits required for graduation- Must have 1 credit of US History and ½ credit of Civics to meet graduation requirements

Civics            04161A000  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Credit: 0.50 (one semester)

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.

World History    04051A000  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Credit: 1 (one year)

World History—Overview courses provide students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific, and cultural developments. World History—Overview courses may include geographical studies, but often these components are not as explicitly taught as geography.

US History        04101A000  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Credit: 1 (one year)

U.S. History—Comprehensive courses provide students with an overview of the history of the United States, examining time periods from discovery or colonialism through World War II or after. These courses typically include a historical overview of political, military, scientific, and social developments. Course content may include a history of the North American peoples before European settlement. Students will take the U.S. Constitution test in this class.

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 explores 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.

### Sociology

Sociology        04258A000  
Grade level: 9-12  
Prerequisites: None

Credit: .5 (one semester)

Sociology courses introduce students to the study of human behavior in society. These courses provide an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

### Physical Education

3.5 credits required for graduation

Physical Education 08001A000

Credit: .25 (one quarter)

Grade level: 9, 10, 11, 12

Prerequisites: None

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

### Health

.5 credits required for graduation

Health 08051A000

Credit: .5 (one semester)

Grade level: 9, 10, 11, 12

Prerequisites: None

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention, disease prevention, and first aid) and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

### Computer Applications

.5 credits required for graduation

Computers Applications 12005A000

Credit: .5 (one semester)

Grade level: 9, 10, 11, 12

Prerequisites: None

Keyboarding courses provide students with an introduction to the keyboard (letters, numbers, and symbols), basic machine operation, and proper keystroke technique. As students progress, they improve their speed and accuracy and produce increasingly complex documents. Such courses help students develop keyboard proficiency, document production skills, and problem-solving skills.

### Transitions

.5 credits required for graduation

Transitions 22151A000

Credit: .5 (one semester)

Grade level: 9, 10, 11, 12

Prerequisites: None

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers and independent living. This course exposes students to various sources of information on career and training options, money management including checking and saving accounts, as well as internet banking which will foster employability skills and independent living.

Consumer Education  
.5 credits required for graduation

Consumer Education 22210A000 Credit: .5 (one semester)  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Consumer Economics/Personal Finance courses provide students with an understanding of the concepts and principles involved in managing one's personal finances. Topics may include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, contracts, and consumer protection. These courses may also provide an overview of the American economy.

Art

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.

Social Skills

Social Skills 22253A000 Credit: .25 (required)  
Grade level: 9, 10, 11, 12  
Prerequisites: None

Social Development Instruction courses teach students the social skills needed for independent functioning within the community. Topics may include self-control, self-expression, obeying rules, and decision-making, appropriate situational behavior, interacting with others, and maintaining relationships. Students may develop independence, self-confidence, and self-reliance.

Work Experience

Work Experience 22004A001 Credit: 2 (per year/1 per semester)  
Grade level: 11, 12

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.

## **Macomb MODS Junior High Course Codes**

Reading - Non Grade Specific - Grades 5 - 8

51049A000

Section 01

Language Arts – Non Grade Specific - Grade 5 - 8

51037A000

Section 01

Math – Non Grade Specific - Grades 5 -8

52039A000

Section 01

Science – Non Grade Specific - Grades 5 - 8

53239A000

Section 01

Social Studies - Non Grade Specific - Grades 5 - 8

54439A000

Section 01

Civics - Non Grade Specific - Grades 5 - 8

54161A000

Section 1

PE

58039A000

Section 01

Art

55154A000

Section 01

Foods & Nutrition

72202A000

Section 01

Self-Management

72207A000

Section 01

Life Skills

Computer Literacy

72206A000  
Section 01

60010A000  
Section 01