Credit Recovery

Course Descriptions

Be | A Graduate

Contents

Using this Guide

DE5 denotes that the course is specific to Credit Recovery students.

-CS denotes that this is an online section; online courses are accessed through Blackboard (https://mhcc.blackboard.com)

-01 Course sections that are numbered indicates the class is held on campus.

Please note that some courses are only offered online; these have been indicated with the online section CS. Some courses are offered both online and on-campus.

Courses and sessions they are offered are subject to change.

Language Arts

DE5L1, DE5L2, DE5L3, DE5L4 Freshman/Sophomore English

.50 high school credit
Required Material: varies by instructor
Through close reading and analysis of literature and informational text, students will be able to produce organized and edited writing appropriate to task, purpose, and audience by gathering information from a variety of resources. Course text/materials to be determined by instructor prior to the start of each session.

DE5L5, DE5L6, DE5L7, DE5L8 Junior/Senior English

.50 high school credit
Required Material: varies by instructor
Through close reading and analysis of literature, informational text, and speech, students will be able to produce organized and edited writing appropriate to task, purpose, and audience by getting information from a variety of sources. Course text/materials to be determined by instructor prior to the start of each session.

Mathematics

DE5PA-01 Pre-Algebra

.50 high school credit
Required Material: *Pre-Algebra workbook*
This course will develop and hone the following skills required for advancement in higher math courses: making sense of problems and persevere in solving them, reasoning abstractly and quantitatively, construct viable arguments and critique the reasoning of others, model with mathematics, use appropriate tools strategically, attend to precision, look for and make use of structure, and look for and express regularity in repeated reasoning.

Please note: *this course may not count as a math credit; please contact your high school counselor prior to registering for this course.*

DE5M1-01 Algebra 1, Semester 1

.50 high school credit
Required Material: *Blue Pelican, Algebra 1 Semester 1 workbook*
This course will introduce students to the basic to more advanced principles of algebra and the basic rules of arithmetic as they apply to algebra. Student will explore how to solve and write linear equations, algebraic equations, and formulas. The study of math is life skill that students will use to calculate, estimate, use different processes to solve problems, make measurements, collect and analyze data, and apply algebraic and geometric concepts. Emphasis is placed on using multiple approaches, solving real world problems, and developing a sound foundation for postsecondary education.

DE5M2-01 Algebra 1, Semester 2

.50 high school credit
Required Material: *Blue Pelican, Algebra 1 Semester 2 workbook*
This course is a continuation of M1, covering basic to more advanced principles of algebra and the basic rules of arithmetic as they apply to algebra. Student will explore how to solve and write linear equations, algebraic equations, and formulas. The study of math is life skill that students will use to calculate, estimate, use different processes to solve problems, make measurements, collect and analyze data, and apply algebraic and geometric concepts. Emphasis is placed on using multiple approaches, solving real world problems, and developing a sound foundation for postsecondary education.

DE5FMA-CS Financial Math A

.50 high school credit
This course will focus on the practical application of mathematics to money and finance. While also providing students with the financial tools necessary to make informed decisions for a successful financial future. Key concepts include interest calculations, future value, growth and decay functions, solving algebraic equations, modeling finance and statistics.

DE5FMA-CS Financial Math B

.50 high school credit
This course is a continuation of Financial Math A. It will focus on the practical application of mathematics to money and finance, while also providing students with the financial tools necessary to make informed decisions for a successful financial future. Key concepts include interest calculations, future value, growth and decay functions, solving algebraic equations, modeling finance and statistics.

DE5A1-01 Algebra 2, Semester 1

.50 high school credit

Required Material: *Blue Pelican, Algebra 2 Semester 1 workbook*

Students demonstrate an understanding of the concept of a function, use of function notation, evaluate a function, determine whether or not a given relation is a function and determine whether or not a given function is one-to-one. Students will also apply long (or synthetic) division, the Fundamental Theorem of Algebra, Descartes Rule of Signs, the Intermediate Value Theorem and the Rational Root Theorem to analyze and/or determine the roots of a polynomial. Students will recognize and apply the binomial theorem and/or Pascal's triangle to expand binomial expressions.

DE5A1-01 Algebra 2, Semester 2

.50 high school credit

Required Material: *Blue Pelican, Algebra 2 Semester 2 workbook*

Students demonstrate an understanding of the concept of a function, use of function notation, evaluate a function, determine whether or not a given relation is a function and determine whether or not a given function is one-to-one. Students will also apply long (or synthetic) division, the Fundamental Theorem of Algebra, Descartes Rule of Signs, the Intermediate Value Theorem and the Rational Root Theorem to analyze and/or determine the roots of a polynomial. Students will recognize and apply the binomial theorem and/or Pascal's triangle to expand binomial expressions.

DE5G1-01 Geometry, Semester 1

.50 high school credit

Winter/Spring/Summer

Required Material: varies by instructor

Students demonstrate an understanding of basic algebra and move on to basic definitions, concepts (points, lines, and planes), angles, parallel lines, planes, and transversals. The students will apply these geometric concepts to determining interior and exterior angles in triangles and other polygons, and quadrilaterals. Students will be able to identify concepts in order to solve proportional parts, similar polygons, and dilations, in the form of numerical and associated word problems.

DE5G1-01 Geometry, Semester 2

.50 high school credit

Required Material: varies by instructor

Students will develop their ability to calculate, estimate, use different processes to solve problems, make measurements, collect and analyze data, and apply algebraic and geometric concepts. Emphasis is placed on using multiple approaches, solving real-world problems, and developing a sound foundation. Students will learn skills they can apply to their everyday lives.

Science

DE5B1 Biology 1

.50 high school credit

Life Science study includes the study of ecology, the processes of photosynthesis and respiration, energy transfer through systems (including food webs and cycles), and the relationship of DNA and RNA to protein synthesis, transcription and translation.

DE5B2 Biology 2

.50 high school credit

Life Science study includes the study of ecology, laws of heredity and the relationship to the structure, function, and development of chromosomes and genes. This course will also cover cell division through meiosis and mitosis and the role genetics plays in how living things have changed over geological time.

DE5CH-CS Chemistry

.50 high school credit

This course will relate chemical bonding to elements on the periodic table and analyze factors that influence chemical reactions. It will also focus on the concept of equilibrium and the role balanced equations play in the Law of Conservation of Mass.

DE5P1-CS Physical Science 1

.50 high school credit

Students will learn the effects of multiple forces acting on an object and learn to distinguish between Newton's 3 laws of motion. They will also manipulate the equations for speed, acceleration, and force to predict outcomes in various situations. Students will also identify how energy transfer through kinetic and potential energy relates to the Law of Conservation of Energy.

DE5P2-CS Physical Science 2

.50 high school credit

Students will learn the effects of force and velocity when applied to various situations and study the difference between kinds of waves as a means of transmitting energy. They will describe Newton's laws of motion and how they relate of the Law of Conservation of Energy.

Social Sciences

DE5US1 US History 1

.50 high school credit

An examination of the United States from the earliest settlement to the Civil War. Topics and themes include Revolutionary War, Civil War, the set up and formation of a new government and leadership outside Britain and how they relate and shaped our world today.

DE5US2 US History 2

.50 high school credit

Examination of the United States from the 1900's to present day. Topics and themes include women's rights, Civil Rights, World War I and II and how they relate and shaped our world today.

DE5GG-CS Geography

.50 high school credit

Examination of the world through physical, environmental and human geography. Topics and themes include, absolute location of places (latitude and longitude), human effects on the world, how natural resources affect migration of people and how the world is divided by continent and regions.

DE5WH1-CS World History 1

.50 high school credit

The examination of the ancient world in regards to early hominids and their development into modern humans. Topics include the rise of city states, the Empires of Mesopotamia, Egypt, Africa and India and the spread of Judaism and their contributions to human development.

DE5WH2-CS World History 2

.50 high school credit

The examination of the Empires of China, Rome and Greece. Topics will include Chinese philosophies and topography, the Silk Road, The rise go the Greek democracy, Persian Wars, the Golden Age, Alexander the Great, the Rise and of the Roman empire and the spread of Christianity.

DE5GV Government

.50 high school credit

In this course students draw on their studies of American history and other societies to compare different systems of government in the world today. Students also consider the interrelationship of the levels and branches of government as they are involved in creating government policy.

DE5EC Economics

.50 high school credit

In Economics, students look at specialization, competition, and the creation of economic policy. They also investigate the risks of entrepreneurship, investment, and various economic policies and practices. Students use Social Science Analysis to fully explain issues, including the significance; to gather and analyze data; to view events, issues, or problems from varied and opposed perspectives, considering short- and long-term effects; and to reach refined, supported conclusions.

Health and Physical Education

DE5H1-CS Health 1

.50 high school credit

High school level health skills and concepts include analyzing the influences and pressures teenagers face regarding issues of alcohol, tobacco, and other drug use. Students identify school and community resources that support people with addictive behaviors and learn how to communicate with a friend or relative that has addiction issues. Students analyze influences that encourage young people to expose themselves to the sun and that encourage the use of tanning beds, as well as the importance of preventing exposure to UV rays.

DE5H2-CS Health 2

.50 high school credit

Students learn to critique the adequacy of their own diet and set a goal based on a dietary analysis. They effectively communicate the decisions and behaviors of family, peers, and others that promote health sexual behaviors and use decision making processes to make health sexual choices. Students advocate to others the importance of screenings and medical examinations to maintain reproductive health. Students also work on advocating for the promotion of respect and empathy for individual differences.

DE5PE-CS Independent PE

.50 high school credit

This course will emphasize knowledge, participation, and safety in activities, physical fitness, and social and emotional values. Students will be able to participate in group or team activities and design a personal activity plan that promotes healthy living. The student will demonstrate appropriate form and skill in a variety of activities and sports. *This course requires High School Counselor approval.*

Career Technical Education (CTE)

DE5C1-CS Career Exploration

.50 high school credit

Career exploration is designed to assist students in assessing his or her personal characteristics that have a bearing on their career choice. Students will explore careers possibilities, job search techniques, and decision-making techniques. Students will demonstrate effective communication skills to give and receive information in school, the community, and the workplace. Students will locate, process and convey information using traditional and technological tools. Students will learn to listen attentively and summarize key elements of verbal and non-verbal communication and to give and receive feedback in a positive manner.

DE5C2-01 A Look at Careers

.50 high school credit

A Look at Careers is designed to assist students in assessing his or her personal characteristics that have a bearing on their career choice. Students will explore careers possibilities, job search techniques and decision-making techniques. Students will demonstrate effective communication skills to give and receive information in school, the community and the workplace. Students will locate, process and convey information using traditional and technological tools. Students will learn to listen attentively and summarize key elements of verbal and non-verbal communication and to give and receive feedback in a positive manner.