

# Dual Credit Courses offered at Marshalltown High School

## **CHM 165 General Chemistry I**

**4 credits**

A systematic study of the principles of inorganic chemistry with emphasis on scientific measurement, atomic structure, chemical bonding, nomenclature, stoichiometry and chemical reactions. Primarily for chemistry and biology majors (or minors) pre-med, pre-vet, pre-dental and others who need science-related background.

## **CHM 175 General Chemistry II**

**4 credits**

A continuation of CHM165 with emphasis on thermodynamics, kinetics, equilibrium, electrochemistry, solubility products, pH, buffers, metal complexation, and acid-base theory.

## **CRJ 100 Introduction to Criminal Justice**

**3 credits**

Examine and compare the philosophies and operations of the three social control agencies that deal with crime and delinquency: Police, courts, and corrections.

## **EDU 160 Human Growth and Development**

**3 credits**

Examines physical, social, and cognitive development from conception to death, utilizing current research.

## **EDU 213 Introduction to Education**

**3 credits**

Survey of the aims, organization, politics, history and leaders in European and American education.

## **ENG 105 Composition I**

**3 credits**

Written communication using various rhetorical methods. For students whose standardized test scores indicate insufficient preparation, prerequisites are ENG060, ENG061 and/or instructor approval.

## **ENG 106 Composition II**

**3 credits**

A study of written communication emphasizing argumentation, persuasion, investigation, and the research paper.

## **HCM 100 Sanitation and Safety**

**2 credits**

This course provides the student with a solid foundation in foodservice sanitation and safety. Students are required to pass the state sanitation exam for certification in order to continue in the culinary arts curriculum.

## **HCM 154 Basic Food Preparation**

**2 credits**

Upon completion of this course, students will have attained basic skills in grilling, frying, broiling, sautéing, vegetable cookery, recipe conversion/costing and soups/stocks.

## **HCM 180 Food Fundamentals**

**2 credits**

This course is an overview of foodservice and culinary arts. Students look at industry structure, developing trends and influences of management. Students will develop their awareness of food products and the world of food.

## **HCM 298 Knife Skills**

**2 credits**

This course offers instruction in the proper use of knives and other culinary equipment and allow gradual growth and confidence in ability with the tools of the trade and allow all students to become proficient in this most important of tasks..

**HIS110 Wester Civ: Ancient to Early Modern****3 credits**

Explore the development of Western Civilization, from ancient times to early modern period -the time of the European Exploration of the New World.

**HIS111 Wester Civ: Early Modern to Present****3 credits**

Survey of Western peoples from 1300s to present.

---

**HIS 151 U.S. History to 1877****3 credits**

Survey of major political, economic, and social developments in American history from the Age of Discovery through the Civil War.

**HIS 152 U.S. History since 1877****3 credits**

Survey of the development of modern America, 1865 to the present.

**HSC 113 Medical Terminology****2 credits**

Medical terms related to medical science (describing human body and functions). Emphasis on building a medical vocabulary through understanding root words, prefixes and suffixes, accurate spelling, and pronunciation.

**HSC 172 Nurse Aide****3 credits**

This 75-hour nurse aide course prepares the student for state competency testing and employment in a long-term care nursing facility. Emphasis is on achieving a basic level of knowledge and demonstrating basic nursing care skills in order to provide safe, effective resident care. The course consists of classroom, lab and clinical experiences.

**LIT 133 Minority Voices in US Literature****3 credits**

A survey of literature of African-Americans, Hispanic-Americans, Native Americans and Asian-Americans. Special attention is also given to women authors.

**MAT 128 PreCalculus****4 credits**

Learn the fundamentals to be successful in a calculus course; it is beneficial (but not required) for the student to have a background in trigonometry. The course will emphasize functions using an analytical, numerical and graphical approach. The student will study linear, polynomial, rational, exponential, logarithmic and trigonometric functions along with their applications.

**MAT 156 Statistics****3 credits**

Descriptive statistics, probability concepts, binomial and normal distribution and introduction to inference.

**MAT 210 Calculus I****4 credits**

Limits, continuity, derivatives, applications, integration.

**MAT 216 Calculus II****4 credits**

Inverses; logarithmic, exponential and trigonometric functions; techniques of integration; infinite series.

**POL 111 American National Government****3 credits**

Survey of national government with emphasis on power and politics; includes principles, structure and function of the government.

## PSY 111 Introduction to Psychology

3 credits

Basic concepts, methods and principles of the study of behavior and mental processes.

Overview of the contributions of psychology.

---

### Information about Dual Credit Courses

#### Registering for College credit

All students must register through the high school counseling office. The High School Dual Credit Application is located on our website:

<https://mcc.iavalley.edu/admissions/enrollment/apply/>

#### Earning credit

A student enrolled in dual credit earns both MHS and College credit. Marshalltown Community School District pays for the college credit(s). Take each class seriously, remembering that the grade(s) will be permanently recorded on an official college transcript that follows throughout all college endeavors.

#### Dropping a class

For a student to drop a college credit class, they must go through their high school counselor. The MHS Counseling Office will communicate this drop to the college through the Dual Credit Portal. **The last day to withdraw 2024/25 courses, through the College, is November 15 (Fall semester) and April 18 (Spring semester).**

#### Failing a class

The failure of a pupil to complete or otherwise receive credit for an enrolled course requires the pupil to follow the individual procedures of his/her school.

#### Transferring the credit to another college

A student must request the transfer of credit by submitting a transcript through the National Student Clearinghouse by following the this link: [National Student Clearinghouse secure site](#). The College charges a minimal \$7 processing fee to send a transcript. The student must pay this fee; MHS Community School District does not pay this fee. The transcript may be sent immediately or select 'send at the end of the term' to ensure all grades are posted on the transcript. **As you submit college applications, you need to indicate that you have transfer credits.**