

Concurrent  
Enrollment  
Program

NOW COLLEGE

Course Catalog



HERKIMER  
COUNTY | COMMUNITY | COLLEGE™



**EN 112      English II: Introduction to Literature      3 credits**

This course is designed as an introduction to literary genres leading to a greater appreciation of fiction, poetry, and drama.

**EN 214      Writing Workshop I      3 credits**

This course is designed to introduce students to the basic elements of writing fiction. Students read and discuss each other's short stories in a workshop environment. The purpose of this workshop is to encourage students to shift their perspective from that of readers (an interpretive approach to fiction) to that of writers (a functional approach to fiction). The emphasis is on how a short story works as opposed to what a short story means. The focus is on the development of narrative technique to enhance the awareness of thematic content, enabling students to better express a wider range of thoughts and emotions. Prerequisite: C or better in EN 111 or Instructor's permission.

**EN 225      Public Speaking      3 credits**

This course is designed to develop the student's skill in oral rhetoric or rhetorical oratory. Emphasis is on research, organization and presentation of speeches that inform and persuade. Delivery, style, and audience analysis are stressed. Extemporaneous speeches are evaluated by the group.

**EN 231      Introduction to Poetry      3 credits**

This course is designed to develop a student's awareness of and appreciation for the resources of written and spoken language, with emphasis on the types and techniques of poetry and the styles of major poets.

**FL 101      Spanish I      3 credits**

This course is designed to provide the student with a reading, writing, listening and speaking knowledge of Spanish. In addition to language skills, the course provides an understanding of the civilization and culture of Spanish-speaking peoples.

**FL 102      Spanish II      3 credits**

This course is designed to provide the intermediate Spanish student with a reading, writing, listening and speaking knowledge of Spanish. In addition to language skills, the course provides an in-depth study of the culture of Spanish-speaking peoples. Prerequisite: Spanish I or permission of instructor.

**FL 121      French I      3 credits**

This course is intended to aid the student in developing elementary speaking, listening, reading, and writing skills in French. The course will also provide an introduction to the culture and customs of French-speaking countries.



**HU 146      Introduction to Computer Graphics & Design      3 credits**

This course is designed to provide the principles of computer-based graphic design using vector-based drawing and photographic image editing software. Students will create original graphic art and generate composite art based on digital images. Emphasis will be placed on the creative process and how technology, just as traditional mediums, can be used to generate esthetically pleasing graphic art.

**HU 212      Music Appreciation      3 credits**

This course is designed to introduce the student to the major styles and periods in musical history, with emphasis upon understanding basic concepts of musical composition and developing better listening skills.

**MA 123      Financial Mathematics      3 credits**

Mathematics are applied to financial operations. Topics include interest and discounts, credit and payments, taxes, financial analysis, statistics, charting and graphing, business operations, and basic Geometry.

**MA 124      Contemporary Mathematics      3 credits**

This course is designed to provide students with a Liberal Arts Math full of relevance and applications. Topics include inductive and deductive reasoning, finding patterns, fun with sequences, graphing, set theory, linear equations, and linear inequalities. It may also include topics such as introductory concepts in logarithms, geometry, the fundamental counting principle, probabilities and statistics. Skill in elementary algebra is required.

**MA 127      Mathematical Statistics I      3 credits**

This course is designed to explore topics from descriptive and inferential statistics: graphing, measure of central tendency and variation, probability, Central Limit Theorem, estimation, the binomial distribution, the normal distribution and hypothesis testing. The laboratory provides hands-on technology experience using a statistical software package. Skill in elementary algebra is required.

**MA 141      Pre-Calculus Mathematics      3 credits**

The study of polynomial, rational, trigonometric, logarithmic and exponential functions; in particular, the algebra and the curve sketching techniques involved with these functions. Prerequisite: MA 132 or high school equivalent.

**MA 245      Calculus I      4 credits**

An introduction to calculus, including functions, limits, continuity, differentiability, the derivative, the derivatives of simple functions and trigonometric functions, and the application of the derivative and antidifferentiation. Prerequisites: MA 141 Pre-Calculus Mathematics, or high school equivalent.

**MA 246      Calculus II      4 credits**

Topics include the definite integral with applications, techniques of integration, differentiation and integration of logarithmic and exponential functions, integration of trigonometric functions, infinite series and conic sections. Prerequisite: MA 245.

**SC 117      Nutrition      3 credits**

This course is designed to provide students with an overview of the six classifications of nutrients and their role in the body. Students should exit this course with a better understanding of the basic concepts underlying diet and nutrition throughout the life span. Students should also be prepared to implement the nutrition concepts learned into their daily life. Food safety, technology and world food problems are also discussed in this course.

**SC 118      Fundamentals of Human Anatomy & Physiology      3 credits**

This course provides a basic understanding of the human body with regard to anatomy and physiology. This study of the human body systems includes function and disease states, medical and technical applications and terminology.

**SC 141      Fundamentals of Biology I      4 credits**

This course is designed primarily for the student not enrolled in the LAS: Science program. This general biology course serves as an introduction covering the sphere of life, its origin, diversity and interrelationships, with the environment, the language of life and the transmission of information, and the evolution of life. This study emphasizes the unifying themes that support the network of life and the scientific process through scientific inquiry.

**SC 161      Physical Geology      4 credits**

This course in physical geology covers minerals, rocks, erosion, deposition, earthquakes, volcanoes, plate tectonics and other areas of geology. The accompanying laboratory will include exercises in related topics including topographic maps and identification of rocks and minerals.



