Department:

Criminal Justice

Course Description:

This introductory course focuses on forensic science laboratory investigations relevant to criminal justice procedures. Course topics may include detection of blood stains, blood typing and testing, hair analysis, drug detection, gunshot residue analysis, fingerprint analysis, narcotics lab, and urine analysis. The course will also cover document analysis, viruses spread within a population, and DNA analysis. Concurrent enrollment in or prior completion of CJ 100 or CJ 110 is recommended.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Perform lab operations with accuracy and precision.
2. Observe and record lab results.
3. Analyze lab results, including mathematical calculations.
4. Provide a scientific explanation of lab results.

Course Content:

A. Basic lab techniques
B. Blood work
C. Hair and fiber analysis
D. Drug and narcotics detection and testing
E. Gunshot residue
F. Fingerprinting
G. Urine analysis
H. Document analysis
I. Viruses
J. DNA analysis

Learning Assessments:

Course competencies will be assessed by use of homework assignments, lab work, quizzes, and participation in a final exam case study.

Instructional Materials:

Course materials will be determined by the instructor.
Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

In order to begin the process all students must complete the “Disabilities Self-Identification Form” at this link: https://highlandcc.edu/pages/disability-services.

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.