Miami Dade College

Course Description

CJE1642 | Crime Scene Technology 2 | 3.00 credits

This course covers advanced principles, theories and applications in crime scene technology. Students will learn specialized collection procedures of weapons, arson, gunshot residue, blood spatter, and recovery of buried bodies and surface skeletons are also included. Data analysis, reporting and plan of action development are emphasized. Prerequisite. CJE1640.

Course Competencies

Competency 1: The student will master advanced crime scene technology principles by:

1. Analyzing theoretical frameworks that underpin crime scene investigation techniques
2. Evaluating the effectiveness of various crime scene technologies in real-world applications
3. Investigating the ethical considerations involved in crime scene processing and evidence collection

Competency 2: The student will apply specialized collection procedures for various types of evidence by:

1. Practicing the systematic collection of gunshot residue using appropriate protocols
2. Demonstrating proficiency in the recovery techniques for blood spatter analysis
3. Implementing strategies for the safe and effective retrieval of buried bodies and surface skeletons

Competency 3: The student will engage in data analysis and reporting related to crime scene investigations by:

1. Synthesizing collected data to identify patterns and correlations in criminal behavior
2. Constructing detailed reports that accurately document findings and methodologies
3. Presenting analytical results through clear and comprehensive visual aids

Competency 4: The student will develop actionable plans based on crime scene findings by:

1. Formulating strategic responses to various crime scene scenarios
2. Collaborating with peers to create contingency plans for unexpected challenges during investigations
3. Evaluating the implications of evidence findings on case development and prosecution strategies

Learning Outcomes:

- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of ethical thinking and its application to issues in society