

**STATE UNIVERSITY OF NEW YORK  
COLLEGE OF TECHNOLOGY  
CANTON, NEW YORK**



**COURSE OUTLINE**

**JUST 210 – Introduction to Forensic Investigations**

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**SCHOOL OF SCIENCE, HEALTH, AND CRIMINAL JUSTICE**  
Department of Criminal Justice  
February 2018

## JUST 210 – Introduction to Forensic Investigations

- A. **TITLE:** Introduction to Forensic Investigations
- B. **COURSE NUMBER:** JUST 210
- C. **CREDIT HOURS:** 3
- D. **WRITING INTENSIVE COURSE:** No
- E. **COURSE LENGTH:** 15 weeks
- F. **SEMESTER(S) OFFERED:** Fall, Spring
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:** Two hours lecture and 2 hours lab per week.
- H. **CATALOG DESCRIPTION:** This course familiarizes students with various forms of forensic evidence. The laboratory component of the course provides students an opportunity to process and analyze various forms of forensic evidence.
- I. **PRE-REQUISITES/CO-COURSES:** None
- J. **STUDENT LEARNING OUTCOMES:**  
By the end of this course, the student will be able to:

<i>Course Objective</i>	<i>Institutional SLO</i>
a. Analyze various forms of forensic evidence	2. Crit. Thinking
b. Describe items of evidence and their forensic value	2. Crit. Thinking
c. Prescribe the appropriate forensic analyses required for physical evidence	2. Crit. Thinking 1. Communication

- K. **TEXTS:**
- Erickson, E. (2014). *Criminalistics laboratory manual: The basics of forensic investigation*. Boston, MA: Anderson Publishing.
- Pearson: Criminal Justice*. New York, NY: Pearson (custom book)
- L. **REFERENCES:**
- M. **EQUIPMENT:** Technology Enhanced Classroom
- N. **GRADING METHOD:** A-F
- O. **MEASUREMENT CRITERIA/METHODS:**
- Exams
  - Quizzes

- Lab assignments
- Papers

**P. DETAILED COURSE OUTLINE:**

- I. Physical evidence
  - A. Crime laboratory functions
  - B. Class characteristics
  - C. Individual characteristics
  - D. Legal considerations
  
- II. Preparation of crime scene sketches
  - A. Triangulation
  
- III. Forensic disciplines
  - A. Anthropology
  - B. Odontology
  - C. Fingerprints
  - D. Questioned documents
  - E. Footwear and Tires
  - F. Forensic Biology
  - G. Blood Spatter
  - H. Trace evidence
  - I. Forensic Chemistry/Drugs
  - J. Forensic Toxicology
  - K. Forensic Pathology

**Q. LABORATORY OUTLINE:**

- A. Crime Scene Sketching
- B. Autopsy and Wound Documentation
- C. Odontology
- D. Glass
- E. Entomology
- F. Fingerprints
- G. Footwear and Tire Impressions
- H. Toolmark Impressions
- I. Drug Chemistry
- J. Toxicology
- K. Blood and DNA
- L. Questioned Documents
- M. Blood Spatter