

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



**COURSE OUTLINE**

**JUST 353 –CRIMINAL JUSTICE TECHNOLOGY**

**Prepared By: Dr. Brian K. Harte**

**SCHOOL OF SCIENCE, HEALTH, AND CRIMINAL JUSTICE  
DEPARTMENT OF CRIMINAL JUSTICE  
APRIL 2015**

**JUST 353 –Criminal Justice Technology**

- A. **TITLE:** Criminal Justice Technology
- B. **COURSE NUMBER:** JUST 353
- C. **CREDIT HOURS:** 3
- D. **WRITING INTENSIVE COURSE:** No
- E. **WEEKS PER SEMESTER:** 15
- F. **SEMESTER(S) OFFERED:** Spring / Fall
- G. **HOURS OF LECTURE, LABORATORY, RECITATION, TUTORIAL, ACTIVITY:**  
3 hours classroom lecture per week.
- H. **CATALOG DESCRIPTION:** This course provides students with a survey of criminal justice technologies and their uses within the criminal justice system. In addition to providing significant technical information about technology (such as computer operations, wireless communications and geographic information systems), this course emphasizes the challenges involved in the use of technology such as implementation and interoperability. Moreover, through this course, the study of technology is integrated into wider criminal justice themes including: ethical and legal implications of technology; technology’s place in the community based policing model; and, how technology impacts traditional criminal justice policy-making.
- I. **PRE-REQUISITES:** 45 credit hours in Criminal Investigation, Criminal Justice: Law Enforcement Leadership or Homeland Security or instructor’s approval.
- J. **GOALS (STUDENT LEARNING OUTCOMES):**  
At the completion of this course, students will be able to:

<i>Course Objective</i>	<i>Institutional SLO</i>
1. Discuss ethical issues regarding the use technology in the 21 <sup>st</sup> century.	1. Communication 2. Critical Thinking
2. Describe how technology impacts patrol, investigative and management functions of law enforcement organizations.	1. Communication 2. Critical Thinking
3. Explain how technology impacts organizational processes, structures and cultures; and crime from the point of view of a corrections and law enforcement professional.	1. Communication 2. Critical Thinking
4. Identify applications of basic computer technologies utilized within computer information systems.	1. Communication
5. Understand the impact of technology on criminal justice systems and practices.	2. Critical Thinking
6. Distinguish between legal and privacy issues surrounding technology diversity and minority issues within criminal justice system.	1. Communication 2. Critical Thinking

**K. TEXT:** Foster, R. E. (2004). *Police technology*. Upper Saddle River: New Jersey, Prentice Hall. ISBN: 0-13-114957-1

**L. REFERENCES:**

Justice Technology Information Network. (2010). National law enforcement and corrections technology center. Retrieved from <http://www.justnet.org/Pages/home.aspx>

Justice Technology Information Network. (2010). Publications. Retrieved from <http://www.justnet.org/Pages/RecordList.aspx?query=allpubs>

National Institute of Justice. (2010). Technologies and tools. Retrieved from <http://www.ojp.usdoj.gov/nij/topics/technology/welcome.htm>.

National Institute of Justice. (2010). Corrections technology. Retrieved from <http://www.ojp.usdoj.gov/nij/topics/corrections/technologies/welcome.htm>

National Institute of Justice. (2010). Topical collection: Corrections technology. Retrieved from [http://nij.ncjrs.gov/App/publications/Pub\\_search.aspx?searchtype=basic&category=99&location=top&PSID=42](http://nij.ncjrs.gov/App/publications/Pub_search.aspx?searchtype=basic&category=99&location=top&PSID=42)

**M. EQUIPMENT:** None

**N. GRADING METHOD:** A – F

**O. REQUIREMENTS:**

- Exams
- Quizzes
- Assignments

**P. DETAILED COURSE OUTLINE:**

- A. Introduction to Police Technology
  - A. Computer applications
  - B. Wireless communications
  - C. Networks
  
- II. Police Operations
  - A. Geographic Analysis
  - B. Advancements in Police Technology
  - C. Communication dispatch centers
  - D. Agency systems
  
- III. Technology and Information Gathering
  - A. External Systems

- B. The Internet and law enforcement
- C. Information analysis

- IV. Technology and Crime Solving
  - A. Crime Mapping and Analysis
  - B. Technology in investigations
  - C. Wiretaps
  - D. Tracking and surveillance
  - E. DNA
- V. Responses to Crime
  - A. Hi-tech crime
  - B. Disaster response
  - C. Street level technology
- VI. Managing Technology
  - A. Personnel and training
  - B. Implementing technology and policy making
  - C. Emerging and future technologies
- VII. Non-lethal and Lethal weapons
  - A. Correctional applications
  - B. Law enforcement applications
  - C. Use of force and technology
- VIII. Officer Protective Equipment
  - A. Corrections Professional equipment
  - B. Law enforcement Professional equipment
  - C. Officer Safety Issues
- IX. Ethical Issues and Technology
  - A. Civil liability
  - B. Officer discretion
  - C. Community response

**Q. LABORATORY OUTLINE: NA**