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

COURSE OUTLINE

JUST 353 –CRIMINAL JUSTICE TECHNOLOGY

Prepared By: Kelly Peterson

SCHOOL OF SCIENCE, HEALTH, AND CRIMINAL JUSTICE
DEPARTMENT OF CRIMINAL JUSTICE
November 2018
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:

Course Objective	Institutional SLO
1. Discuss ethical issues regarding the use technology in the 21st century.	1. Communication Skills (written)
2. Describe how technology impacts patrol, investigative and management functions of law enforcement organizations.	2. Critical Thinking (critical analysis)
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 Skills (written)
4. Identify applications of basic computer technologies utilized within computer information systems.	1. Communication Skills (written)
5. Understand the impact of technology on criminal justice systems and practices.	2. Critical Thinking (critical analysis)
6. Distinguish between legal and privacy issues surrounding technology diversity and minority issues within criminal justice system.	2. Critical Thinking (inquiry and analysis)

K. TEXT: Forrest, G. C. (2017). *Police technology: 21st-century crime-fighting tools*. New York, NY: Britannica Educational Publishing in association with the Rosen Publishing Group. (Free as an e-book in Blackboard)
Moriarty, L. J. (2017). *Criminal justice technology in the 21st century*. Springfield, IL: Charles C. Thomas Publisher. (Free as an e-book in Blackboard)

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

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