COURSE TITLE: Technology for Modern Policing

COURSE NUMBER: MAJ 6604

COURSE DESCRIPTION:

The topics in this course are geared toward the modern criminal justice executive who must be conversant in the application and operation of the variety of systems that are used in contemporary police work. Subject matter will include the National Crime Information Center, project management, interfacing networks, computerized record keeping, communication systems, mobile data terminals, use of computerized data for decision-making and other topics identified by the interests of the participants. Students will also examine the role of GIS in crime analysis by covering the basic components of a GIS. Students will also examine the use of GIS in police departments throughout the U.S. Discussions will also include issues of implementation of programs and obtaining funding sources for technology equipment.

I. RATIONALE:

The modern Criminal Justice practitioner must have an understanding of the variety of applications of technology in the profession and their use, ranging from organizational efficiency and effectiveness to interoperability.

III. MAJOR INSTRUCTIONAL GOALS:

GOAL A: Develop an understanding and appreciation for computerized record keeping systems.

Learning Outcomes:
A-1. The student will review the following record keeping systems NCIC, NIBRS, LEDS, NLETS, CCH and their basic components.
A-2. Students will understand the significance of using a record keeping program in a criminal justice agency.
A-3. Students will evaluate and critique the effectiveness of the various criminal justice record keeping systems.
GOAL B:
Develop an understanding and appreciation for crime mapping and the application of technology to address geographical crime issues.

Learning Outcomes:
B-1. Students will explore the theory and practice of crime mapping and Geographical Information Systems.
B-2. Students will assess how the mapping of crime patterns can assist in the explanation of crime.
B-3. Students will illustrate how crime mapping and Geographical Information Systems are vital for designing and implementing effective crime prevention programs, problem solving and community policing.
B-4. Students will evaluate state of the art crime mapping techniques and Geographical Information Systems.

GOAL C:
Will develop an understanding and appreciation for the state of the art technological tools that are utilized by the various components of the criminal justice system to meet their respective responsibilities.

Learning Outcomes:
C-1. Students will review several types of technology available for use in criminal investigations.
C-2. Students will recognize and discuss the constitutional law implications for the application of technology in criminal investigations.
C-3. Students will review and understand the use of technology in the application for passive and interactive surveillance.
C-4. Students will analyze the various implications and applications of the Patriot Act.

GOAL D:
Will develop an understanding and appreciation for wireless communication, computer aided dispatching and the procurement and implementation of technology.

Learning Outcomes:
D-1. Students will understand the basic concepts of Computer Aided Dispatching.
D-3. Students will examine the various issues of procuring and implementing technology in a criminal justice agency.
D-4. Students will analyze the basic concepts of mobile/field communication and vehicle mobile data terminals as applied to a criminal justice organization.
GOAL E:
Use appropriate communication, research and writing skills.

Learning Outcomes:
E-1. Utilize professional writing skills to analyze and cite appropriate sources (e.g. APA format) to express and convey empirical research.
E-2. Research, construct, and deliver professional presentations using a variety of communication tools and techniques.
E-3. Students will create well-supported, responsible arguments on the discussion board topic, drawing from credible sources of evidence and effectively addressing opposing viewpoints.