

Police Technology Tutorial

Instructor Information

Instructor: Raymond E. Foster, MPA
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Course Description

This course will concentrate on the introduction and use of technology in criminal justice. It will examine the issues and impacts on criminology and the criminal justice system caused by the availability and usage of technological advancements. It will also survey the trends and uses of modern technology in police response, criminal investigations, communications and response to major incidents. It will examine problematic issues, impact on current laws, jurisdiction, the potential unintended consequences of technology in criminal justice.

Learning Outcomes & Competencies

University Outcomes

- Express and interpret ideas clearly, using a variety of written, oral and/or visual forms;
- Use different modes of disciplinary and interdisciplinary inquiry to explore ideas and issues from multiple perspectives; and,
- Express ethical & social implications in one's social, professional, artistic and/or scholarly practice.

Major Outcomes

- Summarize and interpret current issues in the field of criminal justice and how these issues impact criminal justice organizations, criminal justice personnel and other stakeholders; and,
- Analyze, critique and defend criminal justice policy and service delivery from a management point of view.

Course Specific Outcomes

- Describe the differences between tactical and strategic information.
- Understand the limitations, strengths and potentials of certain technologies such as data bases, geographic information systems and a myriad of communications schemes.
- As an online course that concentrates on technology and includes practical exercises, the learner will develop new computer skills and enhance existing skills.
- Because the study of technology requires a base of knowledge concerning technical and scientific information, the learner will increase their general knowledge of science and the scientific method while participating in this course.
- Because this course examines technology against the background of traditional law enforcement themes, theories and models, the learner will enhance their understanding of non-technological criminal justice subjects.
- Understand the role technology plays in traditional crimes and new crimes created as a result of the technology.
- Enhance their research and writing skills through course work.

Instructor Biography

Raymond E. Foster was a sworn member of the Los Angeles Police Department for 24 years. He retired in 2003 at the rank of Lieutenant. He holds a bachelor's from the Union Institute and University in Criminal Justice Management and a Master's Degree in Public Financial Management from California State University, Fullerton. He completed all of the course work in his doctoral studies in business research. Raymond is a graduate of the West Point Leadership program and has attended law enforcement, technology and leadership programs such as the National Institute for Justice, Technology Institute, Washington, DC.

Raymond is currently a part-time lecturer at California State University, Fullerton and the Union Institute and University. He has experience teaching upper division courses in law enforcement, public policy, technology and leadership. Raymond is an experienced author who has published numerous articles in a wide range of venues including magazines such as Government Technology, Mobile Government, Airborne Law Enforcement Magazine, and Police One. He has appeared on the History Channel and radio programs in the United States and Europe as subject matter expert in technological applications in law enforcement. For instance, he was recently interviewed by the London Independent on the use of cellular telephone technology in explosive devices. Raymond's complete CV can be viewed at www.police-technology.net/raymond.foster.cv.html.

Readings & Resources

Required Readings:

Foster, Raymond E. "Police Technology" Prentice Hall, July 2004

(The following required and recommended readings are hyperlinked off the course website)

Your Source for Law Enforcement IT Guidance, The Police Chief, Technology Talk, May 20
Introduction to Wireless Data, Broadbeam White Paper, 2003
When They Can't Talk, Lives Are Lost, National Institute for Justice

Recommended Readings:

800 MHz Public Safety Interference: The Consensus Plan, The Police Chief, Technology Talk, October 2003.
Your Source for Law Enforcement IT Guidance, The Police Chief, Technology Talk, May 2003
Radio Spectrum, Executive Technology Brief, National Institute for Justice
Intranets: A New Tool for Corrections Managers, Ned Benton, Corrections Managers' Report, October/November 1996
Introduction to Wireless Data, Broadbeam Corporation, Trenton, New Jersey, 2000
Improving Public Safety through Justice Information Sharing, National Governor's Association, A Center for Best Practices, February 2004
Public Safety and the Interoperability Challenge Public Safety and the Interoperability, Smith, Brenna and Tom Tolman, AGILE, April 2000
Crime Analysis in America: Findings and Recommendations, Timothy C. O'Shea, Ph.D.
DNA Testing: Foolproof? CBS News 60 Minutes
Forensic Odontology: A Global Activity, George A. Gould, DDS
A Beginner's Primer on the Investigation of Forensic Evidence, Kruglick, Kim
Can Wiretaps Remain Cost Effective? Hanson, Robin

Big Brother in the Wires Wiretapping in the Digital Age An ACLU Special Report
March 199

This course is organized into four modules of instruction. In this eight week session, each module is two weeks in length. In the semester format modules are approximately one month in duration.

Module One:

Required Readings:

1. Police Technology
 - a. Chapter One through Six

Recommended Readings:

1. 800 MHz Public Safety Interference: The Consensus Plan, The Police Chief, Technology Talk, October 2003.
2. Your Source for Law Enforcement IT Guidance, The Police Chief, Technology Talk, May 2003
3. Radio Spectrum, Executive Technology Brief, National Institute for Justice
4. Intranets: A New Tool for Corrections Managers, Ned Benton, Corrections Managers' Report, October/November 1996
5. Introduction to Wireless Data, Broadbeam Corporation, Trenton, New Jersey, 2000

Assignments:

1. Choose two of the discussion questions from three of the six chapters (for a total of six questions). Write a one or two paragraph response to each of the questions;
2. Go to Page 18 or 66 in the text, complete either of the "try this" exercise. Submit a one paragraph description of your results;
3. Go to Page 96 or 103 in the text, complete either of the "try this" exercise. Submit a one paragraph description of your results;
4. Go to Page 105 or 107 in the text, complete either of the "try this" exercise. Submit a one paragraph description of your results;
5. Go to Page 123 in the text, complete the "try this" exercise. Submit a one paragraph description of your results;
6. Return exam one via US Mail.
7. Participate in the Online Forum Discussion per the course website instructions; and,
8. Work on Session/Semester Project: Browse the last three chapters of the primary text book, Police Technology. Your final paper for this course will be a topic of your selection within the broad categories of: Personnel and Training; Implementing and Managing Technology; and, Emerging and Future Technologies. As part of your assignments for this module of instruction, you must choose one of the areas of inquiry and submit your selection along with a one paragraph explanation of why you chose this area. Refer to the expanded assignment for specific information on the final project.

Module Two:

Required Readings:

1. Police Technology
 - A. Chapters Seven through Twelve

Recommended Readings:

1. Improving Public Safety through Justice Information Sharing, National Governor's Association, A Center for Best Practices, February 2004
2. Public Safety and the Interoperability Challenge Public Safety and the Interoperability, Smith, Brenna and and Tom Tolman, AGILE, April 2000
3. Crime Analysis in America: Findings and Recommendations, Timothy C. O'Shea, Ph.D.

Assignments:

1. Choose two of the discussion questions from three of the six chapters (for a total of six questions). Write a one or two paragraph response to each of the questions;
2. Go to Page 151 or 152 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
3. Go to Page 166 or 184 (the exercise at the bottom of the page) in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
4. Go to Page 193 or 206 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
5. Go to Page 214 and 215 in the text, explore three of the nine websites listed on the page. Write a one or two paragraph description of each of the three you chose;
6. Go to Page 220 or 229 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
7. Submit a three to five page research paper on how law enforcement technology has, or can, affect one of the following topics (refer to the expanded assignment descriptions for details):
 - a. Fragmentation
 - b. Community Policing
 - c. Situational Crime Prevention
 - d. You may choose another topic; however, you must receive the instructor's permission **BEFORE** you begin to work;
9. Online forum participation; and,
10. Submit a bibliography outlining your research on the Session/Semester Project.

Module Three:

Required Readings:

1. Police Technology
 - A. Chapters Thirteen through Eighteen

Recommended Readings:

1. DNA Testing: Foolproof? CBS News 60 Minutes
2. Forensic Odontology: A Global Activity, George A. Gould, DDS

3. A Beginner's Primer on the Investigation of Forensic Evidence, Kruglick, Kim
4. Can Wiretaps Remain Cost Effective?, Hanson, Robin
5. Big Brother in the Wires Wiretapping in the Digital Age An ACLU Special Report
March 1998

Assignments:

1. Choose two of the discussion questions from three of the six chapters (for a total of six questions). Write a one or two paragraph response to each of the questions;
2. Go to Page 274 or 277 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
3. Go to Page 292 or 293 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
4. Go to Page 315 or 326 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
5. Go to Page 336 or 337 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
6. Go to Page 353 or 355 in the text, complete either of the "try this" exercises. Submit a one paragraph description of your results;
7. Online Forum Participation;
8. Return exam two via US Mail.
9. Submit Website Review Project (refer to expanded assignment explanations for details);
and,
10. Draft paper option.

Module Four

Required Readings:

None

Recommended Readings:

None

Assignments:

1. Online forum participation; and,
2. Submit final project

Expanded Descriptions of Assignments

Exams

Exams one and two will consist of 50 multiple choice, true-false or short answer questions. All of the material in the exams will come from the primary text and will be cumulative. The exams will be sent via email and should be returned via US Mail.

Forum Participation

Through the forum you will be able to participate and establish a dialogue with tutorial learners in this course as well as other courses being taught by your instructor. On the course website you will find the due dates for participation; they are roughly at the end of each module. Moreover, on the website you will find instructions on logging into the forum and hyperlinks that take you directly to

the salient question. To receive full credit for participation you must answer each discussion question and respond to at least one other learner/student in the same discussion question. Minimally, you will complete two posts on the forum during each module.

Website Review

The following websites are hyperlinked off the course website. For this assignment, choose five of the websites. Write a one-page management briefing paper on each. Presume for this assignment that your supervisor has directed you to review these five sites and that you are to brief your agency's chief executive on website. What information is critical for your agency's chief executive?

Institute for Criminal Justice Ethics
Justice Talking
Restorative Justice
Vera Institute of Justice
National Criminal Justice Reference Service
Criminal Justice Standards
The Center for Public Integrity
The International Association of Chiefs of Police
Police Executive Research Forum
Bureau of Justice Statistics
Bureau of Justice Assistance
Community Oriented Policing Service
Federal Judicial Center
Federal Law Enforcement Training Center
Justice Technology Information Network
National Archive of Criminal Justice Data
Office of Tribal Justice
The Corrections Connection
National Institute of Corrections
Ethics in Policing
National Sexual Offender Registry
National Police Foundation
National Guard Bureau Counterdrug Office
Hi Tech Crime Consortium

Academy of Criminal Justice Sciences
Law Enforcement Training Database
Center for Homeland Defense and Security
Memorial Institute for Prevention of Terrorism
Gang and Security Threat Group Awareness
Street Gangs in Los Angeles County
National Gang Crime Research Center
National Youth Gang Center
National Corrections and Law Enforcement Training Center
USA Jobs
Federal Trade Commission Identity Theft Interpol
Crime Scene and Clues
Crime Scene Investigator
Handbook of Forensic Science Services
InterFire Online
National Center for Forensic Science
National Center for Missing and Exploited Children
Traffic Accident Reconstruction
Jurist: Legal News and Research
Law Enforcement Agency Resource Network

Discussion Questions

Superior responses to discussion questions (the grade A) will be those responses that not only incorporate the primary text, but also the supplemental readings, additional research and the learner's personal experiences. It is not enough to just answer the question, you must find connections.

Try This Exercises

In addition to recording what happened, you should also analyze the exercise. Ask yourself: How is this useful to criminal justice practitioners? What management, social or ethical issues are involved in the use of this technology?

Mid-term Paper

Learners are required to prepare typed, 3-5 page paper on a course related issue (Fragmentation, Community Policing, or Situational Crime Prevention). At a minimum, it is expected that the learners will produce an academically sound and properly formatted work (APA format is strongly encouraged); with a minimum of three sources, not including the text book. The papers will be graded on content as well as exposition. Superior papers will incorporate management and supervision issues as well as a discussion the impact of technology in the area chosen.

Final Paper

The final three chapters of the primary text book will be used as broad outline for the Session/Semester project. Your task is to produce an eight to ten page analysis of the topic you choose. Recall, the three board areas of inquiry are: Personnel and Training; Implementing and Managing Technology; and, Emerging and Future Technologies. At a minimum, the paper should be 8-10 pages in length with 8-10 references. The book may be used as a reference.

In addition to being in properly formatted (APA is strongly encouraged), the paper should address the following under these specific headings; Background; Impact of Technology; Non-technology Alternatives; Stakeholders; Outcomes and Consequences (intended and un-intended); Recommendations. During the Session/Semester you are required to submit certain parts of your research/paper.

1. Module One: One paragraph describing the topic you have chosen;
2. Module Two: Expanded bibliography. An expanded bibliography details your source and describes in three or four sentences how that source will be used in your paper.
3. Module Three: As an option, you may submit a draft of your paper during Module Three. If you are having difficulty writing the paper or understanding the directions, this is the time to seek assistance. The draft option is only available during Module Three.
4. Module Four: Submit final paper.

Evaluation

Exam One	10%
Exam Two	10%
Participation	10%
Discussion Questions	10%
Practical Exercises	10%
Mid Term Paper	20%
Final Paper or Assignment	30%
Semester Total	100%

A	90-100%
B	80-89%
C	70-79%
U	69% and Under

Final Deadline for all work

All course work is due at the start of class in the week indicated on schedule. Absent prior permission, late assignments will be assessed a penalty of one letter grade per week. For information concerning the completion of course work beyond the last day of class refer to the UI&U Catalog.

Ethical Conduct

Learners should be aware that there are severe consequences for violations of academic ethical conduct. Primarily, we are concerned with cheating and plagiarism. Learners who are

determined to have cheated or committed plagiarism will face disciplinary action as identified within UI&U regulations. For additional clarification of cheating and/or plagiarism, refer to the UI&U Catalog for policies regarding Academic Integrity.

American with Disabilities Act Compliance

Please refer to the *Catalog* for policies regarding American Disabilities' Act or http://www.tui.edu/ASN/serv_learner_disab/default.asp for further assistance regarding UI&U compliance with ADA.

ARC approved _____
DEAN approved _____