

## **CDS334 Technology and Crime**

**(3 credit hours)**

### **Course Syllabus**

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#### **Course Description**

This course is a survey of the use and potential of technology in justice agencies. The use of technology will be examined. Criminological theories related to the cyber-crime typologies will be evaluated.

#### **Course Learning Outcomes**

By the end of this course, you will be able to:

1. Identify and describe major advances in technology development throughout history
2. Describe the major uses of technology in law enforcement agencies as operational investigative, administrative, communication and research tools.
3. Discuss the most prevalent forms of technology.
4. Explain a computer crime investigation.
5. Demonstrate strategies in crime analysis and crime mapping.
6. Identify legal, investigative and crime scene processing techniques.
7. Discuss cyberterrorism.
8. Analyze the benefits of software and technological innovations in criminal justice.

#### **Required Textbook(s) and Resources**

Moriarty, L. J. (2017). Criminal justice technology in the 21st century (3rd ed.). Charles C. Thomas Publishing.

Be sure to also review the weekly **Explore** sections for additional library or web resources. For access to databases, research help, and writing tips, visit the [Tiffin University Library](#).

#### **Time Commitment**

Effective time management is possibly the single most critical element to your academic success. To do well in this class you should plan your time wisely. With our accelerated, seven-week term, you should reserve roughly **twenty (20) hours per week** to complete

readings and assignments. To help plan your time and keep on track toward successful course completion, note the distinctive rhythm of assignment due dates:

1. All times assume Eastern Time (GMT-4).
2. Weeks begin at 12:00 a.m. ET on Monday and end at 11:55 p.m. ET on Sunday.
3. Unless otherwise noted, initial forum discussion posts are due by **11:55 p.m. ET** on **Wednesdays** and response posts are due by **11:55 p.m. ET** on **Saturdays**.
4. Major assignments and reflections are due by **11:55 p.m. ET** on **Sundays**.

## Grading

The chart below identifies the individual contributions from each type of activity, per week.

Activity	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Total
Discussion	15 15	15 15	15 15	15 15	15 15	15 15	15 15	210
Essay	50	50	-	-	50	-	50	200
Technology Innovation Project sun	-	-	-	100	100	200	-	400
Technology Evolution Paper	-	-	70	-	-	-	-	70
Midterm Exam sun	-	-	-	60	-	-	-	60
Final Exam	-	-	-	-	-	-	60	60
<b>Total</b>	80	80	100	190	180	230	140	1000

## Grading Scale

A: 90-100% | B: 80-89% | C: 70-79% | D: 60-69% | F: <60%

## Course Schedule and Weekly Checklist

Topic	Learning Activities (Due by 11:55 p.m. ET on day designated)
Start Here	<input type="checkbox"/> MON: Activity 1.1: Meet Your Peers - Initial Post
Week 1: Technology history The computer's inception	<input type="checkbox"/> WED: Activity 1.1: Meet Your Peers - Secondary Posts <input type="checkbox"/> WED: Activity 1.2: Increasing Productivity - Initial Post <input type="checkbox"/> WED: Activity 1.3: Interoperable Communications - Initial Post

<p>Trends and application</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> SAT: Activity 1.2: Increasing Productivity - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 1.3: Interoperable Communications - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 1.4: The Important of Technological Innovation</li> <li><input type="checkbox"/> SUN: Activity 1.5: Technology Innovation Project</li> </ul>
<p>Week 2: Technology goals for law enforcement Body camera use Technology panacea</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 2.1: Seven Police Goals for Technology - Initial Post</li> <li><input type="checkbox"/> WED: Activity 2.2: Police Body Cameras - Initial Post</li> <li><input type="checkbox"/> SAT: Activity 2.1: Seven Police Goals for Technology - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 2.2: Police Body Cameras - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 2.3: An Assessment of NIBRS</li> <li><input type="checkbox"/> SUN: Activity 2.4: Technology Innovation Project</li> </ul>
<p>Week 3: The National Incident-Based Reporting System (NIBRS) process Information technology and crime analysis</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 3.1: Cyber and Technology Crime - Initial Post</li> <li><input type="checkbox"/> WED: Activity 3.2: Digital Forensics - Initial Post</li> <li><input type="checkbox"/> SAT: Activity 3.1: Cyber and Technology Crime - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 3.2: Digital Forensics - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 3.3: Technology Evolution Paper</li> </ul>
<p>Week 4: Geographic information systems (GIS) and crime mapping in criminal justice Comprehensive planning of criminal justice information</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 4.1: Can technology protect victims? - Initial Post</li> <li><input type="checkbox"/> WED: Activity 4.2: Ethics and Technology - Initial Post</li> <li><input type="checkbox"/> SAT: Activity 4.1: Can technology protect victims? - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 4.2: Ethics and Technology - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 4.3: Technology Innovation Project Summary</li> <li><input type="checkbox"/> SUN: Activity 4.4: Midterm Exam</li> </ul>

<p>Week 5: Offender-based technology Technology and prisons</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 5.1: Remote Monitoring of Offenders - Initial Post</li> <li><input type="checkbox"/> WED: Activity 5.2: Prison Technology - Initial Post</li> <li><input type="checkbox"/> SAT: Activity 5.1: Remote Monitoring of Offenders - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 5.2: Prison Technology - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 5.3: Electronic Monitoring</li> <li><input type="checkbox"/> SUN: Activity 5.4: Technology Innovation Project Model</li> </ul>
<p>Week 6: Darknet Cyberterrorism</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 6.1: The Darknet - Initial Post</li> <li><input type="checkbox"/> WED: Activity 6.2: Cyberterrorism - Initial Post</li> <li><input type="checkbox"/> SAT: Activity 6.1: The Darknet - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 6.2: Cyberterrorism - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 6.3: Technology Innovation Project</li> </ul>
<p>Week 7: Cybersecurity Automated License Plate Recognition (ALPR)</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> WED: Activity 7.1: Securing Cyberspace - Initial Post</li> <li><input type="checkbox"/> WED: Activity 7.2: Automated License Plate Readers - Initial Post</li> <li><input type="checkbox"/> THU: Activity 7.3: Reflection (<b>DUE THURSDAY</b>)</li> <li><input type="checkbox"/> SAT: Activity 7.1: Securing Cyberspace - Secondary Posts</li> <li><input type="checkbox"/> SAT: Activity 7.2: Automated License Plate Readers - Secondary Posts</li> <li><input type="checkbox"/> SUN: Activity 7.4: Final Exam</li> </ul>

## Tips for Success

Online learning requires self-discipline and self-direction. As seekers of the truth, we should be willing to challenge one another's academic work in a spirit of respectful comradery. Your course is a place for you to grow as you benefit from the expertise, experience, and diverse perspectives of your instructor and peers. Constructive feedback will challenge you to stretch your own thinking, thereby expanding your knowledge and understanding.

To get the most out of your learning experience, you should actively engage (participate) in **ALL** course activities. Course elements are arranged chronologically. To complete a week, simply work your way "down the page" through all of the course materials and activities.

**For More Information:**

Be sure to review the Support, Policies, and Procedures addendum.