

Syllabus

CRJ-464: Cyber Crime

Written by:

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Course Description

This course is designed to provide students with an overview of the legal, social, and technical impact of cybercrime. It will also analyze the tools needed to combat cybercrime through both the private and public sectors and evaluate such efforts.

Credit Hours: 3

Prerequisite Courses: None

Course Outcomes

Upon completion of this course, you should be able to:

1. Define terms associated with cybercrime.
2. Evaluate specific plans for preventing cybercrimes.
3. Compare the role of the private sector and public sector agencies in investigating and preventing cybercrime.
4. Evaluate law enforcement's response to cybercrime.
5. Integrate biblical principles related to criminal justice.

Course Textbook

Holt, J., Bossler, A. M., Seigfried-Spellar, K. C. (2018). *Cybercrime and digital forensics: An introduction (2nd Ed.)*. New York, NY: Routledge.

Grading Scale

Grade	Quality Points Per Credit	Percentage	Score
A	4.0	95%-100%	950-1000
A-	3.7	92%-94.9%	920-949
B+	3.3	89%-91.9%	890-919
B	3.0	85%-88.9%	850-889
B-	2.7	82%-84.9%	820-849
C+	2.3	79%-81.9%	790-819
C	2.0	75%-78.9%	750-789
C-	1.7	72%-74.9%	720-749
D+	1.3	69%-71.9%	690-719
D	1.0	65%-68.9%	650-689
F	0.0	0%-64.9%	0-649

Grading Policies

Your grading policy for your course is dependent on your school and program. Your grading policies can be found in the IWU Catalog.

Letter Grade Equivalencies

Grade	Description of Work
A	Clearly stands out as excellent performance. Has unusually sharp insights into material and initiates thoughtful questions. Sees many sides of an issue. Articulates well and writes logically and clearly. Integrates ideas previously learned from this and other disciplines. Anticipates next steps in progression of ideas. Example "A" work should be of such nature that it could be put on reserve for all cohort members to review and emulate. The "A" cohort member is, in fact, an example for others to follow.
B	Demonstrates a solid comprehension of the subject matter and always accomplishes all course requirements. Serves as an active participant and listener. Communicates orally and in writing at an acceptable level for the degree program. Work shows intuition and creativity. Example "B" work indicates good quality of performance and is given in recognition for solid work; a "B" should be considered a good grade and awarded to those who submit assignments of quality less than the exemplary work described above.
C	Quality and quantity of work in and out of class are average. Has marginal comprehension, communication skills, or initiative. Requirements of the assignments are addressed at least minimally.
D	Quality and quantity of work are below average. Has minimal comprehension, communication skills, or initiative. Requirements of the assignments are addressed at below-acceptable levels.
F	Quality and quantity of work are unacceptable and do not qualify the student to progress to a more advanced level of work.

Course Summary

Workshop	Discussion*	Dropbox*	Devotional*	Quiz*	End-of-Course Survey	Total Points
Workshop One	1/30	1/75	1/5	1/40		150
Workshop Two	1/30	2/150	1/5	1/40		225
Workshop Three	1/30	1/75	1/5	1/40		150
Workshop Four	1/30	2/150	1/5	1/40		225
Workshop Five	1/30	2/175	1/5	1/40		250
Course Totals	5/150	8/625	5/25	5/200	10 (Extra Credit)	1000

* Number of Activities/Sum Point Totals

Course Assignments

Workshop One Outline

Title	Due Dates	Time	Points
1.1 Discussion: It Begins with "Why?"	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	1 hour	5

.2 Discussion: Developing Cybercrime Expertise	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	4 hours	30
1.3 Assignment: The Feds and Cybercrimes	Due by the end of the workshop.	6 hours	75
1.4 Quiz	Due by the end of the workshop.	1 hour	40
Totals		12 hours*	150

*These times are only estimates. Actual assignment completion times will vary.

Workshop Two Outline

Title	Due Dates	Time	Points
2.1 Discussion: The Establishment	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	1 hour	5
2.2 Discussion: Fighting Cybercrime	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	4 hours	30
2.3 Assignment: The Feds and Cybercrime Prevention	Due by the end of the workshop.	6 hours	50
2.4 Assignment: Global Cybercrime and Security	Due by the end of the workshop.	6 hours	100
2.5 Quiz	Due by the end of the workshop.	1 hour	40
Totals		18 hours*	225

*These times are only estimates. Actual assignment completion times will vary.

Workshop Three Outline

Title	Due Dates	Time	Points
3.1 Discussion: A Standard of Excellence	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	1 hour	5
3.2 Discussion: Stages in Digital Forensic Investigations	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	4 hours	30
3.3 Assignment: Open Source Code	Due by the end of the workshop.	6 hours	75
3.4 Quiz	Due by the end of the workshop.	1 hour	40
Totals		12 hours*	150

*These times are only estimates. Actual assignment completion times will vary.

Workshop Four Outline

Title	Due Dates	Time	Points
4.1 Discussion: Do Not Be Anxious	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	1 hour	5
4.2 Discussion: Criminological Theories: Do They Work in Cybercrime?	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	4 hours	30
4.3 Assignment: Effectiveness of Traditional Theories	Due by the end of the workshop.	6 hours	75
4.4 Assignment: Global Cybercrime and Security	Due by the end of the workshop.	6 hours	75
4.5 Quiz	Due by the end of the workshop.	1 hour	40
Totals		18 hours*	225

*These times are only estimates. Actual assignment completion times will vary.

Workshop Five Outline

Title	Due Dates	Time	Points
5.1 Discussion: "Hate Evil; Love Good"	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	1 hour	5
5.2 Discussion: Combating Online Cybercrime	Initial post due by the end of the fourth day of the workshop; two responses due by the end of the workshop.	4 hours	30
5.3 Assignment: Cyberterrorism	Due by the end of the workshop.	6 hours	75
5.4 Assignment: Global Cybercrime and Security	Due by the end of the workshop.	6 hours	100
5.5 Quiz	Due by the end of the workshop.	1 hour	40
End-of-Course Survey	Due by the end of the workshop.	30 minutes	10 (Extra Credit)
Totals		18:30 hours*	250

*These times are only estimates. Actual assignment completion times will vary.

Course Development Resources

- Associated Press. (2014, November 10). Efforts to protect US government data against hackers undermined by worker mistakes. *The Guardian*. Retrieved from <https://www.theguardian.com/technology/2014/nov/10/us-government-hacking-cybercrime-workers-crime>
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- Ellyatt, H. (2016, September 28). *The 2016 trends in cybercrime that you need to know about*. Retrieved from <http://www.cnbc.com/2016/09/28/the-2016-trends-in-cybercrime-that-you-need-to-know-about.html>
- Federal Bureau of Investigation. (2014, January 31). *A byte out of history: \$10 million hack, 1994-style*. Retrieved from <https://www.fbi.gov/news/stories/a-byte-out-of-history-10-million-hack>
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- Leukfeldt, E., & Yar, M. (2016). Applying routing activity theory to cybercrime: A theoretical and empirical analysis. *Deviant Behavior*, 37(3), 263-280. Retrieved from <http://www.tandfonline.com/doi/full/10.1080/01639625.2015.1012409>
- Lyle, A. (2016). Legal considerations for using open source intelligence in the context of cybercrime and cyberterrorism. In B. Akhgar, P. S. Bayerl, and F. Sampson (Eds.), *Open source intelligence investigation: From strategy to implementation* (pp. 277-294). Available from https://link.springer.com/chapter/10.1007%2F978-3-319-47671-1_17
- National Institute of Standards and Technology (2015). Information Technology Laboratory: Computer Forensics Tool Testing Program. Retrieved from <https://www.cftt.nist.gov/>
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- Norton. (2016). *The most dangerous town on the internet: Where cybercrime goes to hide* [Video file]. Retrieved from <https://www.youtube.com/watch?v=CashAq5RToM>
- Ponemon Institute. (2017). *2016 Cost of cyber crime study & the risk of business innovation*. Retrieved from <http://www.ponemon.org/local/upload/file/2016%20HPE%20CCC%20GLOBAL%20REPORT%20FINAL%203.pdf>

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