



Al-Imam Muhammad Ibn Saud Islamic University
College of Computer and Information Sciences

Course Syllabus [Forensics and Incident Response]

<i>Course Code</i>	<i>Course Name.</i>	<i>Credit Hours</i>	<i>Lec.</i>	<i>Lab</i>	<i>Prerequisites</i>
<i>IT313</i>	<i>Forensics and Incident Response</i>	<i>3</i>	<i>2</i>	<i>2</i>	<i>IT310</i>

Course Description:

This course addresses the different legal systems around the world that deals with forensics, relationship of digital and other forensics, capturing data from electronic devices and analysis.

Course Topics:

Week	Tentative Schedule
Week 01	Digital Forensics and Incident Response
Week 02	Digital Forensics and Incident Response
Week 03	Digital Forensics and Incident Response
Week 04	Computing and Network Devices + assignment
Week 05	Computing and Network Devices
Week 06	Computing and Network Devices [First Exam]
Week 07	Digital Forensic Acquisition and Authentication
Week 08	Digital Forensic Acquisition and Authentication + Mid-term exam
Week 09	Digital Forensic Analysis
Week 10	Digital Forensic Analysis [Second Exam]
Week 11	Network Forensic Analysis
Week 12	Network Forensic Analysis
Week 13	Forensic Reports and Testimony
Week 14	Forensic Reports and Testimony
Week 15	
Week 16	[Final Exam]

Textbook and Resources:

Main Textbook:

Nelson, B., Phillips, A., Steuart, C. (2010). Guide to Computer Forensics and Investigations (4th ed.). Cengage.

Other Resources

Forensic Examination of Digital Evidence: A Guide for Law Enforcement NCJ 199408, April 2004, Special Report, National Institute of Justice.

Electronic Crime Scene Investigation: A Guide for First Responders NCJ 187736, July 2001, NIJ Guide, National Institute of Justice.

Digital Evidence in the Courtroom: A Guide for Law Enforcement & Prosecutors.

Investigations Involving the Internet and Computer Networks NCJ 210798, January 2007, Special Report, National Institute of Justice.

Project and Assignments

Will be provided during the last weeks.

Grade Distribution

Quizzes	10 %
Midterm Exam	20 %
Assignments	10 %
Lab contribution and Exams	20 %
Final Exam	40 %