

CIST 2612 - Computer Forensics (version 201003L)

Course Title Course Development Learning Support

Computer Forensics Standard No

Course Description

This course examines the use of computers in the commission of crimes, collection, analysis and production of digital evidence. Students will use computer resources to explore basic computer forensic investigation techniques.

Pre-requisites

Pre-requisites: All Required

CIST 1122 - Hardware Installation and Maintenance (201003L)
CIST 1601 - Information Security Fundamentals (201003L)

Co-requisites

Co-requisites: None

Course Length

	Minutes	Contact Hour	Semester Credit	WLU
Lecture:	1500	30		
Lab 2:	3000	60		
Lab 3:	0	0		
Total:	4500	90	4	
Semester Credit Hours:			4	142.5
Breakout Detail of Lab 3				
Practicum/Internship	0	0		
Clinical	0	0		

Competencies & Outcomes

Order	Description	Lecture	Lab 2	Lab 3	Total Min	Credit Hrs	Pract Intern	Clinical
1	Computer Forensic Tools	300	0	0	300	0	0	0
Order	Description						Learning Domain	Level of Learning
1	Define computer forensics.						Cognitive	Knowledge
2	Discuss the computer investigation process.						Cognitive	Comprehension
3	List current forensic tools and their purpose.						Cognitive	Knowledge
2	Evidence Collection	300	750	0	1050	0	0	0
Order	Description						Learning Domain	Level of Learning
1	Discuss legal methods of evidence collection.						Cognitive	Comprehension
2	List methods of evidence collection.						Cognitive	Knowledge

3	Demonstrate tools used in evidence collection.	Psychomotor	Guided Response
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3	Evidence Analysis	300	750	0	1050	0	0	0
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Order	Description	Learning Domain	Level of Learning
1	Discuss legal methods of evidence analysis.	Cognitive	Comprehension
2	List methods of evidence analysis.	Cognitive	Knowledge
3	Demonstrate tools used in evidence analysis.	Psychomotor	Guided Response

4	Crime/Incident Scene Processing	300	750	0	1050	0	0	0
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Order	Description	Learning Domain	Level of Learning
1	List considerations in crime/incident scene processing.	Cognitive	Knowledge
2	Demonstrate proper crime/incident scene processing.	Psychomotor	Guided Response

5	Mail Messages, News Postings, Graphic Images and File Signatures	300	750	0	1050	0	0	0
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Order	Description	Learning Domain	Level of Learning
1	Retrieve and interpret evidence from mail messages.	Psychomotor	Mechanism
2	Retrieve and interpret evidence from news postings.	Psychomotor	Mechanism
3	Retrieve and interpret evidence from file signatures.	Psychomotor	Mechanism
4	Retrieve graphic images.	Psychomotor	Mechanism

Competency Totals:	Lecture 1500	Lab 2 3000	Lab 3 0	Total Min 4500	Cred Hrs 4	Pract Intern 0	Clinical 0
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