

BCN3139– Computer Forensic & Investigation

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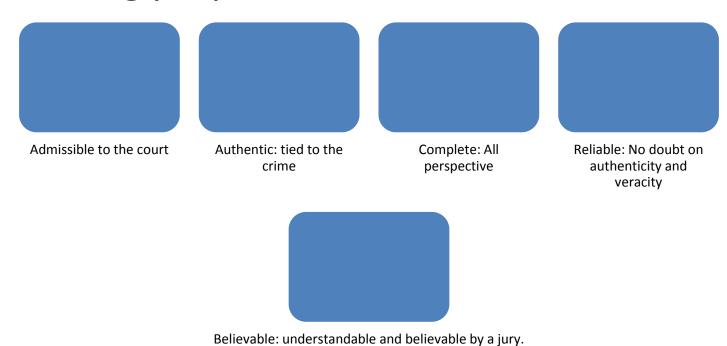
Chapter Description

- Aims
 - Explain the process of forensic investigation
 - Describe the rules of digital evidences
 - Explain the general service of computer forensic.
- Expected Outcomes
 - Students can explain the purpose computer forensic investigation
 - Show some examples to support their understanding
 - Students can explain on What, How, Why Digital Forensic
- Other related Information
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- References
- Nelson, B., Philips, A., Enfinger, F. and Steuart, C., Guide to Computer Forensics and Investigations 3rd Edition, Thomsan Course Technology.
- Vacca, J.R., Computer Forensics Computer Crime Scene Investigation 2nd Edition, 2005, Charles River Media Inc.



Rules of Evidence

 Evidences to be useful must have the following properties:





General Procedure

- General steps of Evidence collection:
 - Identification of evidence
 - Preservation of evidence
 - Analysis of evidence
 - Presentation of evidence



Computer forensic services

- Data seizure
- Data duplication and preservation
- Data recovery
- Document searches
- Media conversion
- Expert witness services
- Computer evidence service options

Other miscellaneous service



What Computer Forensics Specialists Should do

- Complete process of evidence identification and prepare retrieval checklist.
- Fellow several careful steps to identify and recover evidential data possibly found in subject's computer device.



Who Can Use Computer Forensic Evidence



	☐ By Criminal prosecutors use for investigating on fraud, divorce, discrimination, and harassment cases.
	☐ By Insurance companies to reduce to discover possible fraud in accident, arson, and workman's compensation cases and the reduce the cost.
	☐ Computer forensic evidences may be collected and provided to many types of criminal and civil proceedings .
	☐ Used to prove crimes on fraud, divorce, discrimination, and harassment cases.
	☐ Used to reduce costs of investigation





Questions

