

CIS 359 – Disaster Recovery Management

Course Description

This course provides a foundation in disaster recovery and incident response in computing environments. Students will learn to prepare a disaster recovery plan, assess risk, and develop policies and procedures. Topics include contingency planning, business continuity, and crisis management.

Instructional Materials

Whitman, M. E., & Mattford, H. J. (2012). *Principles of Incident Response and Disaster Recovery* (2nd ed.). Cengage Learning.

Course Learning Outcomes

1. Explain risk management in the context of information security.
2. Develop a disaster recovery plan for an organization.
3. Summarize the various types of disasters, and response and recovery methods.
4. Compare and contrast the methods of disaster recovery and business continuity.
5. Explain and develop a business continuity plan to address unforeseen incidents.
6. Describe crisis management guidelines and procedures.
7. Describe detection and decision-making capabilities in incident response.
8. Develop techniques for different disaster scenarios.
9. Evaluate the ethical concerns inherent in disaster recovery scenarios.
10. Use technology and information resources to research issues in disaster recovery.
11. Write clearly and concisely about disaster recovery topics using proper writing mechanics and technical style conventions.