

Course Outcomes Guide

Course Title: IST 260 MCSA/E: Windows Professional

Course Instructor(s): Staff

Programs: Network Administration, Cyber Security, Forensics

Expected Learning Outcomes

- Think critically
- Communicate effectively with both verbal and written forms
- Perform and share cooperatively in team projects
- Review and practice computer and network etiquette and ethics found in working environments
- Administer and troubleshoot a network infrastructure
- Evaluate best practices in security concepts to maintain confidentiality, integrity and availability of computer systems

Assessment (How do students demonstrate achievement of these outcomes?)

Satisfactory scores on exams and projects.

Satisfactory scores on exams modeled after industry standard certification exams. Models are developed from the following certification exams: Microsoft MCP, Microsoft MCSA.

Labs

Validation (What methods are used to validate your assessment?)

1. Approval of Information Systems Technology Advisory Council
2. Tests comparable to Industry Standard Certification Exams.
3. Faculty Review
4. Microsoft curriculum content

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Results (What do the data show?)

Microsoft curriculum content and certification requirements are changing

Follow-up (How have you used the data to improve student learning?)

Update course content

Utilizing more virtualization for learning.

Budget Justification

(What resources are necessary to improve student learning?)

PC lab hardware; switches, routers, projection unit, cabling, tools, printers, PCs, servers

Security hardware and software

Simulation software, Virtual PC licenses.

Testing Software.

Course Management software

Classroom Management system software