

COCONINO COMMUNITY COLLEGE  
COURSE OUTLINE

Revised by: Jeff Jones  
Status: Permanent  
Effective Term: Fall 2018

January 11, 2018

A. Identification:

1. Subject Area: Computer Information Systems (CIS)
2. Course Number: 135
3. Course Title: Basic Server Operating Systems
4. Credit Hours: 4
5. Course Description: This course will prepare students for the A+ CompTIA OS exam. Focus will be on operating system's functions, file concepts and procedures, Windows OS 9X, 2000, and XP installations, configuration and upgrading, boot system sequences, diagnosing and troubleshooting error messages, basic system network procedure and connections. Prerequisite: CIS 130 or Consent of Instructor. Four lecture. May be taken for S/U credit. Fall, Spring.

B. Course Goals: This course objective is to develop the skills required for basic server OS installation and management. The student will be provided with extensive hands-on activities and lectures, which will be utilized to develop a knowledge base and comfort-level for performing system installations and configurations. This course will allow the student to demonstrate basic knowledge of several server operating system installations, configuration and management. This course will also prepare the student for the Server+ CompTIA exam.

C. Course Outcomes:

Upon successful completion of this course, students will be able to:

1. compare and contrast features of the Windows Operating Systems (OS);
2. install and maintain the Windows OS;
3. identify common features and functionality of other Operating Systems and Technologies;
4. identify common security threats and vulnerabilities;
5. effectively troubleshoot software;
6. explain operational Procedures relating to the OS.

D. Course Outcomes Assessment will include:

1. midterm and final exams;
2. graded lab simulations.

E. Course Content will include:

1. components of the CompTIA Server+ exam;
2. server OS Fundamentals;
3. installation, configuration, and upgrading Server OS;
4. diagnosing and troubleshooting Server OS;
5. and network Server OS.