



Syllabus

CSC 231 Systems Administration

General Information

Date

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Author

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Department

Computing Sciences

Course Prefix

CSC

Course Number

231

Course Title

Systems Administration

Course Information

Credit Hours

3

Lecture Contact Hours

3

Lab Contact Hours

0

Other Contact Hours

0

Catalog Description

This course features extensive hands-on activities for current systems administration tasks used in industry today. Topics include installing and configuring a server operating system, DNS, DHCP, Active Directory, Group Policy Objects, and more. Various tools and utilities will be used throughout the course.

Prerequisites

CSC 260

Co-requisites

None

Grading Scheme

Letter

First Year Experience/Capstone Designation

This course DOES NOT satisfy the outcomes applicable for status as a FYE or Capstone.

SUNY General Education

This course is designated as satisfying a requirement in the following SUNY Gen Ed category

None

FLCC Values

Institutional Learning Outcomes Addressed by the Course
None

Course Learning Outcomes

Course Learning Outcomes

1. Install and configure a network operating system
2. Configure and manage network services
3. Troubleshoot problematic services

Program Affiliation

This course is required as a core program course in the following program
AAS Computer Information Technology

Outline of Topics Covered

1. Installing a server operating system
2. Configuring the server
3. Configuring clients
4. Configuring, testing, troubleshooting, and monitoring DNS
5. Configuring, testing, troubleshooting, and monitoring DHCP
6. Configuring, testing, troubleshooting, and monitoring Active Directory
7. Configuring, testing, troubleshooting, and monitoring Group Policy Objects