

CATALOG INFORMATION

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Dept & Nbr: CSC 106 Title: UNIX OPERATE SYSTEM II

Full Title: UNIX Operating System II

Units	Course Hours	Per Week	Nbr of Weeks	Course Hours	Total
Max: 1.5	Lecture	1.2	17	Lecture	20.4
Min: 1.5	Lab	0.8		Lab	13.6
	Contact DHR	0.0		Contact DHR	0.0
	Contact Total	2.0		Contact Total	34.0
	Non-contact DHR	0.0		Non-contact DHR	0.0

Title 5 Category: 01 AA Degree Applic
Grading: GC Credit course for grade or CR/NC
Repeatability: 01 2 ENROLLMENTS
Also listed as:

CATALOG DESCRIPTION:

Intermediate level study of the UNIX operating system. Many computers on the Internet and at universities are UNIX based machines.

PREREQUISITES:

COREQUISITES:

RECOMMENDED PREPARATION:

CSC 105

LIMITS ON ENROLLMENT:

SCHEDULE OF CLASSES INFORMATION:

Recommended: CSC 105

Intermediate concepts and skills associated with UNIX, the operating system used at most universities as well as a significant number of systems on the Internet. (Grade or CR/NC) (Repeat Code 1)

Transfer Credit: CSU.

ARTICULATION and CERTIFICATE INFORMATION

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ASSOCIATE DEGREE: Effective: FALL 2007 Inactive:
Area: D2 COMMUNICATIONS & ANALYTICAL THINKING

CSU GE: Effective: Inactive:
Transfer area:

IGETC: Effective: Inactive:
Transfer area:

CSU TRANSFER: TRANSFERABLE Effective: FALL 1981 Inactive:

UC TRANSFER: Effective: Inactive:

CAN:

CERTIFICATE APPLICABLE: N NOT CERTIFICATE/MAJOR APPLICABLE

APPROVAL AND DATES

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Version 02 Submitted by: TONIA WIDLER Date: 03/07/2007
Department approved: Debra Polak Date: 03/07/2007
Curriculum approved: 06/01/1981 Version approved: 02/23/2007
Prerequisites approved: 06/01/1981 Last reviewed: 02/23/2007
Term effective: FALL 2007 Last taught: FALL 2007 Inactive:

COURSE CONTENT

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OUTCOME AND OBJECTIVES:

1. Demonstrate the ability to install a UNIX system.
2. Perform essential system management and other UNIX administrative tasks
3. Upgrade software and the kernel.

TOPICS AND SCOPE:

1. Installing UNIX.
2. Essential system management and other UNIX administrative tasks.
3. Upgrading software and the kernel.
4. X Window system.

ASSIGNMENTS:

READING ASSIGNMENTS:

Students are required to read and study the assigned materials.
Examples of appropriate reading are: Running Linux by Matt Welsh and
Lar Kaufman, O'Reilly publishing, Aug 1996 A UNIX or Linux manual.

WRITING ASSIGNMENTS:

Students are required to submit documentation materials as appropriate
Substantial writing is inappropriate because the course primarily
involves the application of skills learned in the course.

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of two hours of independent
work out of class for each unit of lecture credit by doing the
following:

1. Creating UNIX commands utilizing the techniques and concepts
discussed in class.
2. Reading assignments as assigned.
3. Completion of assigned exercises for each unit of instruction.

ASSIGNMENTS THAT DEMONSTRATE CRITICAL THINKING:

1. Translate a verbal assignment in the logical steps needed to
complete the assignment.
2. State the logic used in a process.
3. Analyze the processes involved in many of the topics covered.

METHOD OF INSTRUCTION:

Lectures, demonstrations, group activities, hand outs, reading
assignments, class discussion.

FOR DISTANCE EDUCATION COURSES:

The content of this course is delivered using some form or forms of
distance technology such as television, videotape, audiotape, or the
Internet. For telecourses, no less than 11 hours of personal contact
between instructor and students shall be included through: group or
individual meetings; orientation and review sessions; supplemental
in-person activities.

For on-line courses, instructor/student contact may take place in a face-

to-face setting and/or through e-mail or other electronic means. Students may interact with each other through in-person study groups, electronic message boards, or other means.

METHODS OF EVALUATION:

1. Skill demonstration will constitute at least 40% of the grade. 2. Quizzes, tests, in class evaluations. 3. Comprehensive final exam.

BASIS FOR GRADING:

The assignment of a grade is based on the level of achievement of the outcomes and objectives of the course outline and is reflected in quantifiable terms in the course syllabus.

REPRESENTATIVE TEXTBOOKS:

Text book similar to: Running Linux by Matt Welsh and Lar Kaufman