

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: CET 1513

COURSE TITLE: Operating Systems II

PREREQUISITE(S): None

COREQUISITE(S): None

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 4

CONTACT HOUR BREAKDOWN:

Lecture Discussion:	3
Laboratory:	1
Other _____:	

FACULTY WORKLOAD POINTS: 3.7

STANDARDIZED CLASS SIZE ALLOCATION: 20

COURSE DESCRIPTION:

This course covers operating system usage, installation, troubleshooting, and commands/actions used by technicians. Hands-on laboratories are provided.

SUGGESTED TEXT(S):

The Waite Group's Windows 98 - How-To by Powell & Harris,
 Publisher: Pearson Technology Group, ISBN: 0-672-31436-3
 OR
Dan Gookin Teaches Windows 98 by Gookin Publisher:
 Pearson Technology Group ISBN: 0-7897-1688-7
 OR
Mother of All Windows 98 Books by Leonhard & Simon,
 Publisher: Addison*Wesley ISBN: 0201433125

IMPLEMENTATION DATE: Fall Term, 2001

REVIEW OR MODIFICATION DATE: Fall Term, 2002 (20031)

<u>COURSE TOPICS</u>	<u>CONTACT HOURS PER TOPIC</u>
I. Basic Usage of the Operating System	16
II. Controlling Hardware Devices	4
III. Performance Issues	4
IV. Understanding the Boot-up Process	8
V. Installation and Configuration	12
VI. Troubleshooting the Installation and Configuration	8
VII. Technical Issues	3
VIII. Hands-on Testing	5

PROGRAM TITLE: Computer Engineering Technology

COURSE TITLE: Operating Systems II

CIP NUMBER: 0615.040200

LIST PERFORMANCE STANDARDS ADDRESSED:

NUMBER(S): TITLES(S):

02.0 DEMONSTRATE PROFICIENCY IN SOFTWARE FUNDAMENTALS -- The student will be able to:

- 02.01 Load and run operating system software
- 02.02 Load and run diagnostic software and utilities
- 02.03 Construct flow charts
- 02.04 Analyze flow charts

09.0 DEMONSTRATE PROFICIENCY IN THE USE OF MICROCOMPUTER DISK OPERATING SYSTEM SERVICES AND FUNCTIONS -- The student will be able to:

- 09.01 Describe the historical development of computer operating systems
- 09.02 Describe the major hardware and related software subsystems of microcomputer DOS (Disk Operating System)
- 09.03 Describe various disk formats
- 09.05 Describe the extended services of enhanced systems
- 09.08 Program using the extended DOS functions