

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: CET 2179

COURSE TITLE: A+ Certification Review

PREREQUISITE(S): None

COREQUISITE(S): None

CREDIT HOURS: 2

CONTACT HOURS/WEEK: 2

CONTACT HOUR BREAKDOWN:

 Lecture Discussion: 2

 Laboratory:

 Other _____:

FACULTY WORKLOAD POINTS: 2

STANDARDIZED CLASS SIZE ALLOCATION: 20

COURSE DESCRIPTION:

This course reviews information contained on the A+ Certification exams.

SUGGESTED TEXT(S): The A+ Certification Self-Study, 2nd Edition by Cheryl Schmidt, Publisher: Scott/Jones ISBN: 1-57676-068-5

IMPLEMENTATION DATE: Fall Term, 2001

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

<u>COURSE TOPICS</u>	<u>CONTACT HOURS PER TOPIC</u>
I. Core Exam Topics	15
II. Operating Systems Exam Topics	15

PROGRAM TITLE: Computer Engineering Technology

COURSE TITLE: A+ Certification Review

CIP NUMBER: 0615.040200

LIST PERFORMANCE STANDARDS ADDRESSED:

NUMBER(S): TITLES(S):

01.0 DEMONSTRATE PROFICIENCY IN COMPUTER SYSTEMS ARCHITECTURE -- The student will be able to:

01.02 Interpret computer acronyms.

01.03 Identify and define priorities and interrupts at system level.

01.04 Define and list direct memory access handling systems.

01.05 Define functions of advanced memory techniques (e.g. virtual, pipeline, cache).

02.0 DEMONSTRATE PROFICIENCY IN COMMUNICATION INTERFACING -- The student will be able to:

03.01 Identify and define serial and parallel interface standards.

03.02 Identify, define and configure sync and async devices.

03.04 Identify and define networking levels.

03.05 Identify and define protocols.

03.07 Identify and define multi-user systems.

04.0 DEMONSTRATE PROFICIENCY IN PERIPHERAL EQUIPMENT -- The student will be able to:

04.06 Define environmental requirements for peripherals and media.

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.