



CIS 129 Microcomputer Hardware II

DATE: January 2020

ROOM #: IVN Room 129

INSTRUCTORS: Heidi Schneider

CLASS #: 15681/16050/17497

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SEMESTER: Spring 2020

PHONE: 701-662-1580

CREDIT HOURS: 3

OFFICE HOURS: MWF 9am-10am and 2pm-3pm; TR 10:30am-11am and 1pm-2:30pm

CLASS HOURS: TR 2:30-3:45

OFFICE #: Room 121

LAB HOURS: Scheduled at each site

COMMON COURSE NUMBER: CIS 129

PREREQUISITES: CIS 128

COURSE NAME: Microcomputer Hardware II

LRSC Online Campus - Blackboard

CATALOG DESCRIPTION: Continuation of CIS 128. Students gain a higher level of skills in the diagnosis of hardware and software faults and the upgrading of computer systems. Software adaption to hardware, installation, and troubleshooting of network hardware including modems, network interfaces, and peripheral connections and local area network hardware design covered.

MATERIALS OF INSTRUCTION: Testout PC Pro ISBN 978-1-935080-42-8.

Note: This course is ½ of the A+ Certification Exam content. LRSC IT students will take the first portion of the A+ Certification Exam, (JKO-1001) toward the end of the CIS 129 course. CIS 129 will finish your preparation to take the Essentials portion, as well as the second portion of the A+ exam (JKO-1002), which will be taken at the end of the semester of CIS 129. All students will be taking a Certification via Testout for the Final Grade.

COURSE OBJECTIVES: Students will prepare for the A+ Practical Application exam which includes these objectives:

GENERAL EDUCATION OBJECTIVES:

- I. 3. To apply knowledge gained in the educational process and use that knowledge in everyday living - *apply knowledge to the real world*
- II. 3. To use information objectively for solving problems and arriving at alternative solutions – *problem solving skills*.
- VI. 3. To apply current technologies to access and utilization of information - *application of technology*
- VII. 1. To develop a pattern of intellectual curiosity and inquiry which promotes life-long learning - *value of life-long learning*

MAJOR UNITS:	Chapter 9	Mobile Devices
	Chapter 10	System Implementation
	Chapter 11	File Management

Chapter 12	System Management
Chapter 13	Security
Chapter 14	Capstone Exercises

GRADING:	A	90-100%
	B	80-89%
	C	70-79%
	D	60-69%
	F	BELOW 60%

Scholastic Dishonesty: Academic Integrity is intellectual honesty, responsibility, and ethical behavior in scholastic conduct from use of information to actions in a classroom. It is the guide for the “pursuit of knowledge and understanding within a community of inquiry” (American University). *Refer to Section 800.30 Student Conduct.*

STUDENT OUTCOMES/COMPETENCIES: Upon successful completion of the course, LRSC students will be fully prepared to take the Essentials (JKO-801) and the Practical Application portion (JKO-802) of the CompTIA A+ Exam. Students must take the exams, whether they pass or fail, to receive a grade in the course. (LRSC students only) It is the student’s responsibility to get a copy of the exam report to the instructor after taking each exam. The instructor will **increase** the student’s course grade by one letter grade for **each** certification exam passed in this course (up to 2 letter grades total). Documentation of exam scores must be provided to the instructor via a copy of the exam report. If non-LRSC students decide to take the exams, they must provide a copy of the exam report to the instructor.

ASSESSMENT TOOLS:	Labs @ 10-50 pts each
	Practice Questions @ 10-15 pts each
	Chapter Quizzes @ 15-20 pts each
	Final Exam @ 100 pts

ATTENDANCE: Students will be required to attend each class and stay for the duration. Please be courteous and be **ON TIME** for class. If the student is absent from class, that student is responsible for letting the instructor know that they will not be attending class and need to complete the assignments that were assigned while they were gone. **If the student is absent for more than 4 class periods, they will be withdrawn from class (this is not consecutive absences).**

ASSIGNMENTS: Assignments are due on the date that is listed on Blackboard, unless changed by the instructor. I will accept assignments up to one week late for ½ points. Any assignments submitted over one week late will not be accepted.

TESTS: Exams and quizzes may not be made up without advance approval from the instructor.

CELL PHONE USAGE: You may have your cell phone in class, but you **MUST** turn it to vibrate. If you need to answer a call, please leave the room quietly to answer. **ALL** cell phones **MUST** be turned OFF during a test.

LISTENING DEVICES: **NO** listening devices (iPods, MP3 players, headphones, etc.) will be allowed in my classes while class is in session.

DIVISION MISSION STATEMENT:

The Career and Technical Education Division offers various specialized programs. The division frequently assesses industry trends and standards and alters curricula to ensure the quality of its programs. It is the mission of the Trade and Technical Division to provide students with current knowledge and training necessary for immediate entry into various specialties within the job market.