



## CIS 129 Microcomputer Hardware II

DATE: January 2023

INSTRUCTORS: Heidi Schneider

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PHONE: 701-662-1580

OFFICE HOURS: MWF 9am-10am and TR  
9:30am-10:30am

OFFICE #: Room 121

COMMON COURSE NUMBER: CIS 129

COURSE NAME: Microcomputer Hardware II

ROOM #: Room 128 (Bb Collaborate for  
Distance students)

CLASS #: 18960/1711/16860

SEMESTER: Spring 2023

CREDIT HOURS: 3

CLASS HOURS: TR 2:30-3:45

LAB HOURS: Scheduled at each site

PREREQUISITES: CIS 128

*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 (no new material will be needed, as we are using the same curriculum from fall).

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	File Management
Chapter 10	Peripheral Devices
Chapter 11	Networking
Chapter 12	Mobile Devices
Chapter 13	Printing
Chapter 14	Security
Chapter 15	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, all students will be prepared to take the Testout PC Pro Certification that will be given as a Final Exam.

ASSESSMENT TOOLS: Labs @ 5-10 pts each  
 Practice Questions @ 10 pts each  
 Chapter Quizzes @ 25-30 pts each  
 Final Certification Exam 2000 pts (1420 to receive certification)

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.

LRSC MISSION: *We enhance lives and community vitality through quality education.*

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.*