

CENTER FOR INNOVATIVE TECHNOLOGIES
MASTER COURSE DOCUMENT

CSA 290 Computer Support and Administration Capstone

Course Description: Students work in teams to complete a design project using analog and digital concepts, and prepare a presentation of results. Topics include: design theory, feasibility study, project economics, team building, and effective presentations.

Prerequisites(s): CSA 112, NETA 115 or NETC 121

Co-requisite(s): None

Lecture Hours: 2	Lab Hours: 2	Credit Hours: 3
Lab Fee: 70	Supplemental Fee: 0	Purpose:
<input type="checkbox"/> Transfer Assurance Guide Course (TAG)	<input type="checkbox"/> Transfer Module Course (TM)	
Course Format: Lecture/Lab		Grading: A/B/C/D/F/I
Delivery Method: <input type="checkbox"/> Web <input type="checkbox"/> Hybrid <input checked="" type="checkbox"/> Classroom		
Semesters Offered: <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Summer		

Course Primary Text:

Title: None Required	Edition:
Author(s):	
Publisher:	

Supplemental Materials:

Microsoft Windows OS, Microsoft Windows Server, Lab computers

Course Outcomes:

1	The student will be able to apply knowledge, techniques, skills and tools of the discipline to produce an accurate design of an entire PC based system.
2	The student will have the ability to apply a knowledge of mathematical and IT technical skills to produce an efficient and well performing PC based system.
3	The student will demonstrate the ability to communicate technical information.
4	The student will demonstrate a commitment to quality, timeliness, and continuous improvement.

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Course Topics:

Week 1	Group Assignments/Group Project Work
Week 2	Group Project Work
Week 3	Timeline Presentation
Week 4	Group Project Work
Week 5	Group Project Work
Week 6	Design Presentation
Week 7	Group Project Work
Week 8	Group Project Work
Week 9	Design Presentation
Week 10	Group Project Work
Week 11	Group Project Work
Week 12	Design Presentation
Week 13	Group Project Work
Week 14	Group Project Work
Week 15	Final Design Presentation/Final Build Presentation

Methods of Evaluation/Assessment:

Design Presentation	20.00%
Final Design Presentation	25.00%
Final Build Presentation	50.00%
Attendance	5.00%

Course Keeper: Jeff Vetter

Date Completed: April 9, 2019