

COURSE SYLLABUS

Course Title:	Practicum in Computer Science	Date submitted:	May 2019 (AAC: 19-25)	
Department:	Business and Technology Department			
Curriculum:	Computer Information Systems			
Course Descriptors: Make certain that the course descriptors are consistent with college and Board of Trustees policies, and the current course numbering system.	Course Code: (eg. ACC 101)	CSC*292		
	Course Type:	P		
	A: Clinical B: Lab D: Distance Learning I: Individual/Independent L: Lecture N: Internship M: Seminar P: Practicum U: Studio X: Combined Lecture/Lab Y: Combined Lecture/ Clinical/Lab Z: Combined Lecture/Studio			
	Elective Type:	G/LAS		
	AH: Art History E: English FA: Fine Arts FL: Foreign Language G: General HI: History HU: Humanities LAS: Liberal Arts & Sciences M: Math S: Science SS: Social Science			
	Credit Hours:	3		
	Developmental: (yes/no)	No		
	Lecture:	3		
	Clinical:	0		
	Lab:	0		
Studio	0			
Other:	0			
Contact Hours:	TOTAL:			
Class Maximum:	16			
Semesters Offered:	Spring			
Prerequisites:				
C- or better in Database Design I (CSC*231) , Systems Analysis & Design (CSC*250), Operating Systems(CST*210), Network Essentials I (CST*130), Web Design and Development I (CST*150) and Permission of Program Coordinator				
Corequisites:				
Database Design I (CSC*231) , Systems Analysis & Design (CSC*250), Operating Systems(CST*210), Network Essentials I (CST*130), Web Design and Development I (CST*150) and Permission of Program Coordinator				
Other Requirements:				
None				
Catalog Course Description:	Students will complete an 8-10 hour per week industry work experience in a computer-related position. Students will be supervised by assigned personnel at the field site and by the college instructor. Hours are arranged by mutual consent of the student and employer. Students also participate in on-campus seminars that focus on timely employment-related topics, maintain a weekly log of on-the-job activities, and critique the practicum experience in a final project. Students will complete both an assessment ePortfolio and a showcase ePortfolio as a major component of the course.			
Topical Outline: List course content in outline format.	1. Introduction – Requirements and Expectations 2. The Work Experience 3. ePortfolios <ul style="list-style-type: none"> a. The Showcase ePortfolio b. The Assessment ePortfolio c. Capstone ePortfolio Reflection 			

	<ol style="list-style-type: none"> 4. Interview Techniques 5. Resume Writing 6. Ethics 7. Professional Organizations 8. Presenting Your ePortfolio
<p>Outcomes: Describe measurable skills or knowledge that students should be able to demonstrate as evidence that they have mastered the course content.</p>	<p>Upon successful completion of this course, the student will be able to do the following:</p> <ol style="list-style-type: none"> 1. Gain experience in a computer-related position. 2. Through job training, supervision, and evaluation will: <ol style="list-style-type: none"> a. develop skills for organizing assigned responsibilities; b. develop skills for managing time and multiple priorities; c. demonstrate the ability to work effectively with people from all levels of an organization. 3. Reflect on his/her experience in the Computer Information Systems Program at Tunxis <p>PROGRAM: <i>(Numbering reflects Program Outcomes as they appear in the college catalog)</i> All Program abilities will be assessed based on the student's program of study</p> <p>GENERAL EDUCATION: <i>(Numbering reflects General Education Outcomes as they appear in the college catalog)</i></p> <ol style="list-style-type: none"> 5. Information Literacy/Continuing Learning - Students will be able to use traditional and digital technology to access, evaluate, and apply information to the needs or questions confronting them throughout their academic, professional, and personal lives. <p>Demonstrates: Collects and synthesizes relevant and authoritative information resources appropriate to need and audience and utilizes current technologies to solve problems, complete projects, and make informed decisions.</p> <p>Does Not Demonstrate: Does not collect and synthesize relevant and authoritative information resources appropriate to need and audience nor satisfactorily utilize current technologies to solve problems, complete projects, and make informed decisions.</p> <p>All Gen Ed Abilities will be <u>reviewed</u> as part of the assessment ePortfolio.</p>
<p>Evaluation: List how the above outcomes will be assessed.</p>	<p>Assessment will be based on the following criteria:</p> <ol style="list-style-type: none"> 1. Evaluations and assignments related to the student's industry-related work experience 2. Creation of a showcase ePortfolio 3. Creation of an assessment ePortfolio which includes a capstone reflection 4. Assignments and in-class activities 5. ePortfolio presentation
<p>Instructional Resources: List library (e.g. books, journals, on-line resources), technological (e.g. Smartboard, software), and other resources (e.g. equipment, supplies, facilities) required and desired to teach this course.</p>	<p>Required None.</p> <p>Desired:</p>

Textbook(s)	To be decided by Program Coordinator in consultation with discipline and department.
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