

COURSE OUTCOME MATRIX

COURSE SYLLABUS

PART 2 of 3

Course Number and Title	IT274 Capstone Project
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Credit Hours	1
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Course Description	This course is designed to pull all aspects of the program together. Students will be responsible for creating and designing a full system based on their program path. Students must present findings and pass a comprehensive program exam. Students will also complete a service learning work-based project.
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Prerequisite(s) and/or Corequisite(s)	None
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Required Textbooks/References/Course Materials:
None.

	General Education Outcomes
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

	Program/Department Outcomes
1	Discuss and evaluate potential technology related ethical dilemmas and apply decision-making techniques to resolve them.
2	Demonstrate proficiency in selecting, implementing, and operating information technology solutions to meet project requirements.
3	Apply essential IT support skills in order to install, configure, secure, and troubleshoot operating systems, programs, networks, and pc hardware.
4	Prepared to take and pass industry standard certification exams
5	Develop the ability to use oral and written communication effectively with clients and other industry professionals.
6	Engage in teams to develop and/or implement IT-based project solutions
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	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program/ Department Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Exhibit ethical, responsible, and dependable behavior	Psychomotor Articulate (4)	3,5	2	0	2	2	1	0
2	Communicate effectively with employees and customers	Psychomotor Articulate (4)	3,5	2	2	2	2	1	0
3	Write effective business documents	Psychomotor Articulate (4)	3,5	2	1	2	2	1	0
4	Work cooperatively with others in a team environment	Psychomotor Articulate (4)	2,3,5,6	2	2	2	2	1	0
5	Appreciate the need for lifelong learning	Psychomotor Manipulate (2)	3,5	2	1	2	2	1	0
6	Use problem solving strategies to think critically	Cognitive Applying (3)	2,3,5	2	0	2	2	1	0
7	Provide outstanding customer service	Cognitive Applying (3)	2,3,5	2	2	2	2	1	0
8	Demonstrate mastery of content through certification	Psychomotor Manipulate (2)	3,4	0	0	2	2	1	0

Bloom's Domain Legend

C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
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