Associate in Applied Science in Technical Studies

Program / Student Learning Outcomes: What Will I Learn?

1. Demonstrate effective oral and written communication skills.
2. Demonstrate introductory college-level proficiency in one or more of the subject areas in mathematics and/or natural sciences.
3. Demonstrate introductory college-level proficiency in one or more of the social sciences.
4. Demonstrate a comprehension of cultural diversity, human behavior, and the relationship between technology and society.
5. Demonstrate the application of technology in the concentration area.
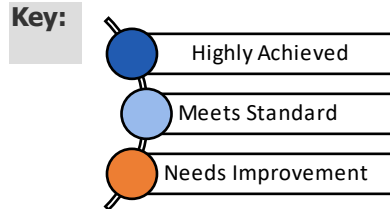
Assessment Methodology

Metrics, Assessments, and Levels of Achievement

The table below provides a brief overview of the measures selected to assess program learning outcomes (PLOs) for the program. Assessment of PLOs includes both direct and indirect measures. Benchmarks have been established to differentiate between three levels of PLO achievement (highly achieved, meets standard, and needs improvement). These three levels of achievement are color coded and used in the section below to indicate the level of achievement for each measure, for each learning outcome.

Metric Type	Direct Measures	Indirect Measures	
Assessments	Capstone Course	Exit Alumni Survey	One-Year Post-graduation Alumni Survey*
Metrics	The percentage of students who receive a grade of B or better on the Capstone Rubric for its designated program outcome.	The mean of the graduates' perceptions of their achievement of the related program outcomes (on a 6-pt Likert-type scale).	The mean of the graduates' perceptions of their achievement of the related program outcomes (on a 6-pt Likert-type scale).
Highly Achieved	≥ 85%	Mean ≥ 5%	
Meets Standard	70 - 84%	4.0 - 4.99	

Needs Improvement	< 70%	Mean < 4

Note: The results of the one-year post-graduation survey are used as a reference to provide a longitudinal perspective on students' attainment of program (student) outcomes.

Key:

- Highly Achieved
- Meets Standard
- Needs Improvement

Program (Student) Outcome Achievement Results

May 2021 Term through March 2022 Term

Program Outcome		Direct Measure(s)	Indirect Measures	
1	Demonstrate effective oral and written communication skills.	TECH 290 M3A2	Exit Survey	One-Year Survey
		94%	5.43	*
		n = 132	n = 7	
2	Demonstrate introductory college-level proficiency in one or more of the subject areas in mathematics and/or natural sciences.	TECH 290 M4A1	Exit Survey	One-Year Survey
		94%	5.71	*
		n = 133	n = 7	
3	Demonstrate introductory college-level proficiency in one or more of the social sciences.	TECH 290 M5A1	Exit Survey	One-Year Survey
		98%	5.14	*
		n = 131	n = 7	
4	Demonstrate a comprehension of cultural diversity, human behavior, and the relationship between technology and society.	TECH 290 M6A1	Exit Survey	One-Year Survey
		98%	4.86	*
		n = 132	n = 7	
5	Demonstrate the application of technology in the concentration area.	TECH 290 M7A1	Exit Survey	One-Year Survey
		96%	5.43	*
		n = 129	n = 7	

An insufficient number of responses (i.e., less than 5) were received so no data is reported.