EXCELSIOR UNIVERSITY

FY 2022

Bachelor of Professional Studies in Technology Management

Program /Student Competencies: What Will I Learn?

Select a competency statement to see the related measures and results**.**

Graduates of the Bachelor of Professional Studies in Technology Management will be able to:

1. Apply knowledge of mathematics and natural sciences to problem-solving in technology management contexts.
2. Develop cohesive written and oral arguments in your technical concentration using appropriate supporting evidence.
3. Critically evaluate and propose solutions for technology management problems.
4. Critically evaluate the ethical, legal, and social implications associated with the management of technology in your concentration field.
5. Participate effectively in diverse teams to address technical issues in your technology concentration.
6. Apply project management tools and techniques to plan, manage, and close a project in the applicable technology field.
7. Apply computer applications or computer software packages to solve technical problems in your technical concentration.
8. Apply technological and management concepts in an integrated manner using both local and global perspectives.
9. Employ critical thinking skills to interpret and analyze competing arguments and multiple perspectives in a technology environment.
10. Evaluate your individual strengths and weaknesses with the desire to update skills and continuously improve.

Assessment Methodology
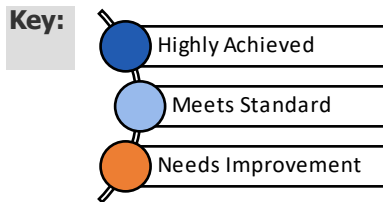### Metrics, Assessments, and Levels of Achievement
The table below provides a brief overview of the measures selected to assess program outcomes for the Bachelor of Professional Studies in Technology Management (BPT) program. Assessment of program/student outcomes includes both direct and indirect measures. Benchmarks have been established to differentiate between three levels of program outcome 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 Survey	One-Year Postgraduate Survey
Metrics	The percentage of the TECH 490 students who receive a receive a satisfactory rating or higher on the given rubric criteria aligned with the respective program learning 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 (Student) Outcome		Direct Measure(s)	Indirect Measures	
1	Apply knowledge of mathematics and natural sciences to problem-solving in technology management contexts.	TECH 490 M2A1 Capstone Portfolio	Exit Survey	One-Year Survey
		90%	5.50	n/a
		n = 113	n = 8	
2	Develop cohesive written and oral arguments in your technical concentration using appropriate supporting evidence.	TECH 490 M3A1 Capstone Portfolio	Exit Survey	One-Year Survey
		98%	5.38	n/a
		n = 112	n = 8	

Program (Student) Outcome		Direct Measure(s)	Indirect Measures	
3	Critically evaluate and propose solutions for technology management problems.	TECH 490 M3A2 Capstone Portfolio	Exit Survey	One-Year Survey
		96%	5.63	n/a
		n = 112	n = 8	
4	Critically evaluate the ethical, legal, and social implications associated with the management of technology in your concentration field.	TECH 490 M4A1 Capstone Portfolio	Exit Survey	One-Year Survey
		98%	5.63	n/a
		n = 112	n = 8	
5	Participate effectively in diverse teams to address technical issues in your technology concentration.	TECH 490 M4A2 Capstone Portfolio	Exit Survey	One-Year Survey
		99%	5.50	n/a
		n = 111	n = 8	
6	Apply project management tools and techniques to plan, manage, and close a project in the applicable technology field.	TECH 490 M5A1 Capstone Portfolio	Exit Survey	One-Year Survey
		99%	5.38	n/a
		n = 112	n = 8	
7	Apply computer applications or computer software packages to solve technical problems in your technical concentration.	TECH 490 M5A2 Capstone Portfolio	Exit Survey	One-Year Survey
		98%	5.38	n/a
		n = 112	n = 8	
8	Apply technological and management concepts in an integrated manner using both local and global perspectives.	TECH 490 M6A1 Capstone Portfolio	Exit Survey	One-Year Survey
		100%	5.50	n/a
		n = 109	n = 8	
9	Employ critical thinking skills to interpret and analyze competing arguments and multiple perspectives in a technology environment.	TECH 490 M6A2 Capstone Portfolio	Exit Survey	One-Year Survey
		99%	5.50	n/a
		n = 110	n = 8	
10	Evaluate your individual strengths and weaknesses with the desire to update skills and continuously improve.	TECH 490 M7A1 Capstone Portfolio	Exit Survey	One-Year Survey
		97%	5.63s	n/a
		n = 112	n = 8	

*Less than 5 responses to the one-year survey, so no data is reported.