MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT ANNUAL ASSESSMENT PLAN & FINDINGS 2021-2022 ACADEMIC YEAR

2021– 2022 CURRICULUM MAP

	PLO 1 — Assess business adaptations of information and technology to enhance the strategic competitive advantage of an organization.	PLO 2 — Identify, model and promote the required management and leadership skills to succeed in a culture of innovation.	PLO 3 — Plan the implementation of technical projects while effectively utilizing human and financial resources to improve the operational efficiencies of an organization.	PLO 4 — Determine the appropriate technologies to enhance communication and collaborate within an organization.	PLO 5 — Analyze issues of ethical and social responsibility within an organization.
BUS 600: Management Communications with Technology Tools	I			I	
BUS 591: Financial Accounting & Analysis	I	I	I		R
BUS 611: Project Planning & Management		I	R		
BUS 644: Operations Management	R	R	R		
MAT 540: Statistical Concepts for Research				R	
OMM 640: Business Ethics and Social Responsibility	I	I			I
TMG 601: Technology Strategy and Governance	R	R	R	R	R
TMG 602: Management of Technology	R	R	R	R	R
AIS 600: Analytics and Artificial Intelligence for Decision Support	R	R	R	R	R
AIS 620: Statistics and Data Sciences for Business Leaders	R	R	R	R	R
TMG 699: Technology Management Capstone	M	M	M	M	M

I (Introduced), **R** (Reinforced), or **M** (Mastered).

ANNUAL ASSESSMENT PLAN FINDINGS					
PLO 1 - Assess business adaptations of information and technology to enhance the strategic competitive advantage of an organization.					
MEASURE	*ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS OBSERVED*	*ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA*
Direct Measure 1: MAT 540 Final Assignment	*70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.*	71	76	93.4%	1. EXCEEDS THE ACCEPTABLE TARGET

Direct Measure 2: TMG 699 Final Project	70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.	93	110	84.5%	1. EXCEEDS THE ACCEPTABLE TARGET

PLO 2 - Identify, model and promote the required management and leadership skills to succeed in a culture of innovation.

MEASURE	*ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS OBSERVED*	*ASSESSMENT RESULTS:* *PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*ASSESSMENT RESULTS:* *1. EXCEEDS THE ACCEPTABLE TARGET* *2. MEETS THE ACCEPTABLE TARGET* *3. DOES NOT MEET THE ACCEPTABLE TARGET* *4. INSUFFICIENT DATA*

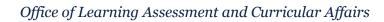|					
Direct Measure 1: TMG 602 Week 6 Final Assignment	70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.	288	460	62.6%	3. DOES NOT MEET THE ACCEPTABLE TARGET
Direct Measure 2: TMG 699 Final Project	70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.	17	22	77.3%	1. EXCEEDS THE ACCEPTABLE TARGET

PLO 3 - Plan the implementation of technical projects while effectively utilizing human and financial resources to improve the operational efficiencies of an organization.

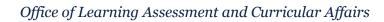| *MEASURE*	*ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*TOTAL NUMBER OF STUDENT RECORDS OBSERVED*	*ASSESSMENT RESULTS:* *PERCENTAGE OF STUDENT RECORDS MEETING ACCEPTABLE TARGET*	*ASSESSMENT RESULTS:* *1. EXCEEDS THE ACCEPTABLE TARGET* *2. MEETS THE ACCEPTABLE TARGET* *3. DOES NOT MEET THE ACCEPTABLE TARGET*

MEASURE	ACCEPTABLE TARGET				4. INSUFFICIENT DATA
Direct Measure 1: TMG 602 Week 6 Final Assignment	70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.	167	253	66.0%	3. DOES NOT MEET THE ACCEPTABLE TARGET
Direct Measure 2: TMG 699 Final Project	70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.	64	77	83.1%	1. EXCEEDS THE ACCEPTABLE TARGET

PLO 4 - Determine the appropriate technologies to enhance communication and collaborate within an organization.

MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING	ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET 2. MEETS THE ACCEPTABLE TARGET

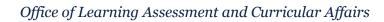|				ACCEPTABLE TARGET	3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA
Direct Measure 1: TMG 602 Week 6 Final Assignment	*70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.*	44	69	63.8%	3. DOES NOT MEET THE ACCEPTABLE TARGET
Direct Measure 2: TMG 699 Final Project	*70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.*	17	22	77.3%	1. EXCEEDS THE ACCEPTABLE TARGET
PLO 5 - Analyze issues of ethical and social responsibility within an organization.					
MEASURE	ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS MEETING ACCEPTABLE TARGET	TOTAL NUMBER OF STUDENT RECORDS OBSERVED	ASSESSMENT RESULTS: PERCENTAGE OF STUDENT RECORDS MEETING	ASSESSMENT RESULTS: 1. EXCEEDS THE ACCEPTABLE TARGET

				ACCEPTABLE TARGET	2. MEETS THE ACCEPTABLE TARGET 3. DOES NOT MEET THE ACCEPTABLE TARGET 4. INSUFFICIENT DATA
Direct Measure 1: TMG 602 Week 6 Final Assignment	*70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.*	44	69	63.8%	3. DOES NOT MEET THE ACCEPTABLE TARGET
Direct Measure 2: TMG 699 Final Project	*70% or higher of the sample selected must score Proficient or higher on the evaluation of content criteria mapped to this PLO.*	19	22	86.4%	1. EXCEEDS THE ACCEPTABLE TARGET
OVERALL RECOMMENDATIONS					

Overall, it is recommended to review the assessment plans (including measures used, alignment mapping, and targets set) and curriculum map in preparation for the 2022-2023 assessment cycle. This will determine the appropriateness of the assignments and mapping for each PLO. In addition, consider reviewing TMG 602 as the acceptable targets for PLOs 2, 3, 4, 5 were not met.

ANNUAL ASSESSMENT PLAN ACTION ITEM STATUS REPORT				
OUTCOME	**MEASURE**	**KEY/RESPONSIBLE PERSONNEL**	**STATUS**	**ANTICIPATED DATE OF COMPLETION**
PLO 2,5	*TMG 602 Week 6 Final Assignment*	**Program Lead, Core Faculty, Associate Faculty, Assessment**	**Not started**	**June 2023**
Action Details	Reaccess the TMG 602 Final Assignment formative learning layout. Consider separating Final Assignment sections across the course weeks to allow instructive feedback and learning corrections, Each section will be applied into Final Assignment. Work with Assessment for any required Rubric changes.			
OUTCOME	**MEASURE**	**KEY/RESPONSIBLE PERSONNEL**	**STATUS**	**ANTICIPATED DATE OF COMPLETION**
PLO	*TMG 601 Week 6 Final Assignment*	**Program Lead, Core Faculty, Assessment**	**Not started**	**January 2023**
Action Details	Change measure from TMG 602 Final Paper to TMG 601 Final Paper. Better alignment of Course Learning Objectives and measurement of MSTM PLO3.			
OUTCOME	**MEASURE**	**KEY/RESPONSIBLE PERSONNEL**	**STATUS**	**ANTICIPATED DATE OF COMPLETION**
PLO 4	*TMG 601 Week 6 Final Assignment*	**Program Lead, Core Faculty, Assessment**	**Not started**	**January 2023**

Action Details	Change measure from TMG 602 Final Paper to TMG 601 Final Paper. Better alignment of Course Learning Objectives and measurement of MSTM PLO4.			
OUTCOME	MEASURE	KEY/RESPONSIBLE PERSONNEL	STATUS	ANTICIPATED DATE OF COMPLETION
PLO 1-5	*TMG 699*	*Program Lead, Core Faculty, Associate Faculty*	*Not started*	*July 2023*
Action Details	Develop a MSTM Advisory Board to review the MSTM program and to review all PLOs and MSTM program in general and make meaningful recommendations for improvement and to recommend curriculum changes			