

MASTER OF SCIENCE IN TECHNOLOGY MANAGEMENT Student Competencies

Directions ▼		
<p>Please review the student competencies listed below and rate each item based upon the level of performance you would expect from a program graduate. Please choose between two levels of performance: UNDERSTANDING and ABILITY.</p> <ul style="list-style-type: none"> • <i>UNDERSTANDING means the assimilation and comprehension of information without necessarily being able to see its full implication</i> • <i>ABILITY means the skill in using specific information to accomplish a task, in correctly selecting the appropriate information and in applying it to the solution of a specific problem</i> <p style="text-align: center;">Please place a checkmark in the appropriate column. Thank you.</p>		
Competency	✓ Please select only one item	
	Understanding	Ability
At the end of the MSTM degree program, students will be able to:		
Demonstrate the capacity to apply leadership/managerial principles in the development, implementation, and assessment of technology, i.e., management of technology (MOT) and emergent systems	2	15
Demonstrate knowledge of technological processes and applied contexts, i.e., technological literacy	2	15
Demonstrate knowledge of technological systems, their impact on society, the environment, and the individual	9	8
Engage in strategies for designing, controlling, and utilizing technological systems	4	13
Understand and describe the interdisciplinary linkages of technology with science, engineering, mathematics, information systems, and business, i.e., interdisciplinary coordination	5	12
Practice specific methodologies for supply chain management and industrial distribution	4	13
Describe and apply principles of organizational management, workforce development, and change leadership	7	10
Provide evidence of familiarity with sound and reliable research methods	6	11
Display aptitude in managerial accounting, resource management , and microeconomics	6	10 *
Engage in decision-making using data collection, predictive models, and quality assurance strategies	2	15
Show evidence of specialized technological expertise in one or more areas of study	5	12
Demonstrate excellence in oral and written communication	0	17

* one response left blank