

General Outcomes for BS in Technology Management

The Technology Management degree and all of its concentrations draw from a common set of educational outcomes, and in addition, each option within the degree has unique outcomes consistent with the focus of the concentration. The general outcomes have been continuously reviewed and modified as needed over the years. The outcomes have been reviewed and updated through a series of faculty and advisory board meetings. The following represents the current outcomes approved by the Department of Technology faculty and validated by the Department's advisory board and alumni. The ten outcomes identified and validated serve as a foundation toward identifying specific and measurable program and concentration specific competencies.

- Communications - A graduate will have an understanding of and the skills to effectively communicate verbally, in writing, and graphically.
- Quantitative methods - A graduate will understand and be able to use and apply principles of mathematics and at statistics, algebra, pre-calculus, and applied calculus level.
- Scientific principles and methods - A graduate will understand and have the skills necessary to use and apply scientific methodology and analytic techniques related to their major and concentration.
- Business and economics - A graduate will understand business and economic principles that apply to organizations in today's global economy.
- Management and supervision - A graduate will understand modern management and supervisory principles and practices, be able to effectively function in teams, and be an effective leader and manager.
- Professional and personal development and responsibility - A graduate will have a strong educational foundation that prepares them to be a world-minded, intentional, life-long learner and practitioner; including a liberal arts foundation anchored in the humanities, arts, and sciences consistent with the educational mission and purpose of the University, their personal role and responsibilities as an individual, and will perform at an ethical professional level while completing their responsibilities.
- Technological principles and systems - A graduate will have an understanding of the technology and operation of technical systems related to their technical / occupational concentration.
- Careers and best practices - A graduate will be able to identify careers and best practices in developing and/or delivering information on technological artifacts and processes and apply them in a context of their interrelationships, responsibilities, and demands as technology professionals.
- Creativity - A graduate will be able to develop and explore methods for approaching a problem or a challenge in an imaginative and innovative way. Innovation is the application of better solutions that meet new requirements, unarticulated needs, or existing market needs. This is accomplished through more effective products, processes, services, technologies, or ideas.