

Associate Degree in Industrial Engineering Technology

PROGRAM EDUCATIONAL OBJECTIVES	STUDENT OUTCOMES
<p><i>Program educational objectives are broad statements that describe what graduates are expected to attain within a few years after graduation. Program educational objectives are based on the needs of the program's constituencies.</i></p>	<p><i>Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to the knowledge, skills, and behaviors that students acquire as they progress through the program.</i></p>
<ol style="list-style-type: none"> 1. Work in manufacturing, commerce, service industries, and government agencies in matters related to the processes and procedures of production, design, cost reduction programs implementation, and determine the operating standards for manufacturing or service operations. 2. Identify improving opportunities and prescribe corrective measures to prevent, reduce and eliminate problems effectively in manufacturing or service operations. 3. Apply their knowledge and identify the economic and social implications in the decisional process. 4. Interact in high efficiency work teams and communicate effectively. 	<ol style="list-style-type: none"> 1. Apply knowledge, techniques, skills, and modern tools of the discipline of Industrial Engineering Technology to specific activities in production and servicing. 2. Apply knowledge of mathematics, science, and engineering to specific manufacturing and services technical problems which demand limited application of principles but relevant practical knowledge. 3. Ability to conduct measurements and calculations to analyze problems and interpret manufacturing circumstances. 4. Ability to function effectively as a member of a team resolving problems. 5. Ability to identify, analyze, and solve narrowly defined engineering technology problems. 6. Ability to communicate effectively about narrowly defined technology activities. 7. Develop the ability and realize the need for self-directed continuing professional development. 8. Develop a commitment to his professional responsibilities within an ethical context and respecting diversity. 9. Develop a commitment to quality, continuous improvement, and timeliness.