**Millersville University**  
**Applied Engineering and Technology Management**  
**Overall Degree Competencies**

Upon the completion of the overall requirements for the AETM, students will be able to:

A • Demonstrate outcomes of a broad-based general education, with emphasis on oral and written communication, science and math.

B • Solve problems related to applied engineering, using contemporary systems appropriate in selected technological fields of specialization.

C • Utilize skills in entry-level technical management, with special emphasis on business organization and management, production planning, quality control, industrial organization and industrial safety.

D • Apply working knowledge of industry practices, structure, organization, systems, terminology, career opportunities and related professional organizations.

**Management Core Competencies**

Upon the completion of the Management Core for AETM program, students will be able to:

E • Execute operations management functions and practices, including applications and limitations of various management schemes.

F • Identify responsibilities of supervision in management within various industries.

G • Implement key processes in project management such as scheduling, inventory control, and utilizing appropriate production planning techniques.

H • Organize systems related to managing people and quality practices in industry.

I • Assess varied industrial health and safety hazards according to federal and state safety legislation.