

Program Description

The Technical Studies degree program recognizes that learning can occur in a variety of forums and that this learning may be equivalent to college-level instruction. After assessment of the corporate, industrial or military training program, the faculty assessor will determine the number of technical credits to be awarded. The remaining program includes the College's general education requirements, advanced technical credits and career related electives (technical concentration).

Program Goals

- To assure that students can explain modern design and production concepts used in a specific engineering technology discipline: electrical, mechanical or manufacturing.
- To foster the willingness and ability work in teams to successfully analyze and propose alternate strategies to solve problems in systems, processes or products.
- To equip students to provide value-added service to their existing organization as a technician or junior engineer in areas such as continuous quality improvement and systems analysis.
- To prepare students to develop a written and oral presentation of a theory, concept or analysis of complex system, process or product project. Students shall focus on their individual specialties, electrical, manufacturing, electromechanical or mechanical in the analysis.

Program Student Learning Outcomes

At the end of the program, the graduate will be able to:

1. Communicate in both written and oral formats.
2. Identify resources, obtain and critically evaluate information.
3. Model ethical professional behaviors .
4. Develop an oral presentation or a theory, concept or analysis of a complex system process or product project. Students in Apprenticeship programs shall focus on their individual disciplines.

Program Information

This program is available to corporate, industrial and military employers who wish to validate their training programs and provide additional learning experiences for their employees.

Special Admissions Requirements

The corporate, industrial and/or military training program must be reviewed and approved by a faculty assessor to validate the goals, objectives, depth and scope of the training.

Employment Opportunities

The Technical Studies degree program provides skill and knowledge enhancement and career mobility for corporate, industrial and military employees.

Contact Person

Dr. Lawrence M. Chatman, Coordinator
(856) 227-7200, ext. 4523
E-mail: lchatman@camdenc.edu

Technical Studies

Degree: Associate in Applied Science
College Code: TES.AAS

Code	Course	Credits
First Year/First Semester		
ENG-101	English Composition I	3
CSC-101	Computer Literacy	3
MTH....	Mathematics General Education Elective - (4 credits)	4
.....	Technical Studies Credit ¹	4
.....	Technical Concentration ²	3
		17
Second Semester		
ENG-102	English Composition II	3
.....	Laboratory Science General Education Elective ³	4
.....	Technical Studies Credit ¹	4
.....	Technical Concentration ²	3
		14
Second Year/First Semester		
SPE 101	Fundamentals of Speech or	
SPE 212	Small Group Communications or	
HSR-105	Group Dynamics	3
.....	Social Science General Education Elective	3
.....	Technical Studies Credit ¹ or	
.....	Technical Elective ⁴	4
.....	Technical Concentration ²	3
		13
Second Semester		
.....	Technical Studies Credit ¹ or	
.....	Technical Elective ⁴	4
.....	Technical Concentration ²	6
EGR-208	Co-op I: Engineering or	
.....	Apprentice Co-op	3/4
.....	Diversity: Humanities General Education Elective	3
		16/17
Total Minimum Credits		60

² Select from one of the following concentrations –
(Courses must be approved by appropriate faculty advisor):

- Automotive Technology
- Business
- Computer Aided Drafting and Design
- Computer Information Systems
- Computer Integrated Manufacturing
- Computer Science
- Computer Systems Technology
- Engineering Technology (EET, MET, EME)
- Photonics

³ Recommend Physics for Non-Science majors (PHY-103)

⁴ Technical electives may be selected from high technology

¹ Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review by faculty assessor of related program.

** Individuals without sufficient technical training experience must select up to 4 sequential courses in one of the Concentrations listed below to satisfy the Technical Studies credit requirements.