

Technical Studies

Associate in Applied Science Degree

The Technical Studies degree program is designed to provide recognition for work experience while assisting individuals in their preparation for career advancement. This program is designed to provide skills for personal, professional and community improvement. The program is highly individualized and flexible. As many as 16 credits may be awarded for work experience including military experience, trade/proprietary school preparation, apprenticeship programs and structured on-the-job training after appropriate evaluation. The Associate in Applied Science in Technical Studies program is designed for graduates to directly seek employment.

Graduates should be able to:

- Integrate knowledge and skills from the sciences and liberal arts into technical studies
- Develop an educational plan designed to accomplish a personal/professional goal
- Communicate effectively in interpersonal and occupational activities
- Perform advanced technical skills
- Demonstrate the comprehensive mathematical, scientific, physical, social and psychological skills necessary for personal career growth
- Present technical information in oral, written and graphical form

<i>General Education</i>		<i>Credits</i>
<i>Communications</i>		
EN 101	Composition I	3
EN 102	Composition II	3
<i>Mathematics</i>		
MA 108	College Algebra	3
MA 109	Pre-Calculus Math	4
<i>Science</i>		
	Laboratory Science Elective	4
<i>Social Science</i>		<i>Credits</i>
PS 101	Introduction to Psychology <i>or</i>	3
SO 101	Introduction to Sociology <i>or</i>	
EC 101	Economics I <i>or</i>	
EC 102	Economics II	
	Humanities Elective	3
	Technology Elective	
CIS 101	Computer Concepts and Applications	3
		26
<i>Technical Core</i>		<i>Credits</i>
<i>Up to 16 credit hours for prior work such as:</i>		
Apprenticeship Training		
Military Training		
Trade/Proprietary Education		
<i>Number of credits will be determined by faculty advisor of related program.</i>		
<i>Total</i>		<i>16</i>

Sample Program

<i>First Semester</i>		<i>Credits</i>
EN 101	Composition I	3
CIS 101	Computer Concepts and Applications	3
MA 101	College Math I	3
	Technical Studies Credit	4
	Technical Concentration	3
		16
<i>Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review.</i>		
<i>Second Semester</i>		<i>Credits</i>
EN 102	Composition II	3
	Laboratory Science Elective	4
	Technical Studies Credit	4
	Technical Concentration	3
		14
<i>Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review.</i>		

Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review.

***Individuals without sufficient technical training experience must select up to 4 sequential courses in one of the Personalized Education Plans (PEP) to satisfy the Technical Studies credit requirements.*

<i>Personalized Education Plan (PEP) Credits</i>	
In consultation with a Technical Studies advisor, the student will select 18 or more credit hours of course work to fulfill an employment need or to work toward a personal or professional career goal. <i>The PEP component could be selected from the emphases listed below:</i>	
<i>Total</i>	<i>18</i>
<i>Technical/Industrial Emphasis Credits</i>	
<i>Courses selected in:</i>	
Drafting and Design	
Engineering	
Computer Science	
Mathematics	
Other technical courses	
Computer Technology Emphasis	
<i>Courses selected in:</i>	
Computer Programming	
Computer Languages	
Microcomputers	
<i>Total</i>	<i>60</i>

<i>Third Semester</i>		<i>Credits</i>
MA 109	Pre-Calculus Math	4
	Technical Studies Credit <i>or</i>	4
	Technical Elective	
	Social Sciences <i>or</i>	3
	Technical Elective	
	Technical Concentration	3
		14

Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review.

<i>Fourth Semester</i>		<i>Credits</i>
	Technical Studies Credit <i>or</i>	4
	Technical Elective	
	Technical Concentration	9
	Humanities Elective	3
		16

Three to 16 Technical Studies credits may be earned for corporate, industrial, or military training programs after review.

Total Credits for Degree 60