

General Engineering Technology A.A.S.

Program Description

This program allows students to combine two different technology specialties into one flexible program. The major course work must be in engineering or engineering technology program. The second area of emphasis would normally be a second engineering or engineering technology area but some students may need to combine a program with a related specialty such as computer science, telecommunication or business with their engineering or engineering technology courses. The general engineering technology program would permit specialty emphasis combinations that would include some of latest high-tech oriented courses from at least two disciplines.

Employment Information

The strength of this program lies in its diversity which depends upon the previous experience of the student in areas of academics and vocations. This allows the student, as an engineering technician, to draw upon the marketable background skills and competencies developed in specific areas of technology, to gain meaningful, promotion-oriented positions of employment. The U.S. Department of Labor reports that employment opportunities for engineering technicians are expected to be excellent throughout the next decade. Specialized employment fields for the general engineering technician include: technical staff assistants to engineers, mid-management assignments, local and state business/industries, an governmental agencies at the local, state and federal levels.

Technical Occupational Specialty

Courses must be selected with the approval of the division/department head and must be engineering, engineering technology or from engineering-related support area. A minimum of 12 credit hours must be from a second area of emphasis. Engineering-related support areas may include computer science, business and other areas that have been approved by the advisor to support the major engineering or engineering technology area

29 Credit Hours

Date	Institution

Support and Related Courses

<input type="checkbox"/>	MATH	2123	Calculus for Technology Programs I	3
<input type="checkbox"/>	PHYS	1114	General Physics I	4
<input type="checkbox"/>	Controlled Electives			5

12 Credit Hours

Technical Occupational Related

These courses must lend related support to the emphasis specialty courses selected above and must be selected with the approval of the department head.

6 Credit Hours

General Education Courses

<input type="checkbox"/>	ENGL	1113	English Composition I	3
<input type="checkbox"/>	ENGL	2333	Introduction To Technical Report Writing	3
or				
<input type="checkbox"/>	ENGL	1213	English Composition II	3
<input type="checkbox"/>	HIST	1493	U.S. History Since 1865	3
<input type="checkbox"/>	MATH	1513	College Algebra	3
<input type="checkbox"/>	MATH	1613	Trigonometry	3
<input type="checkbox"/>	POLS	1113	American Government	3

18 Credit Hours

Total to Graduate

65 Credit Hours

Degree Awarded

Associate in Applied Science

For More Information contact:

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Student Name: _____

CWID: _____

Counselor: _____

Catalog 2009-2010

MATH 2123 CALCULUS FOR TECHNOLOGY PROGRAMS I (A)

First part of a terminal sequence in calculus for students pursuing degrees that emphasize technology. Functions and graphs, differentiation and integration with application. Prerequisites: MATH 1513 and MATH 1613.

PHYS 1114 GENERAL PHYSICS I (L, N)

Physics for the non-engineering major or non-physics major. The course includes topics in mechanics, heat and sound with applications of each. Prerequisite: [R] [Sci] MATH 1513. MATH 1613 recommended. Lab: three hours per week.