

CHEMICAL TECHNOLOGY

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ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE

Program accredited by the American Chemical Society

The chemical industry is one of the fastest growing industries in the United States. Its need for trained technicians in quality control, analysis, and research and development laboratories is extensive.

The Chemical Technology Program prepares graduates to enter the chemical field in any one of a variety of capacities: chemical research technician, laboratory assistant, chemical production technician, junior chemist or analytical technician. The program is structured to develop a fundamental understanding of general, organic and analytical chemistry, with emphasis on laboratory applications and techniques.



GENERAL EDUCATION REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> MATH 1700 P	Algebra for Technology	3
<input type="checkbox"/> BIOL 1002	General Biology — Cellular	4
<input type="checkbox"/> Liberal Arts OR Social Sciences elective	Take 3 credits from Computer Studies, English, Speech, fine Arts, Foreign Languages, Math, Science, Social Sciences or LIBA 1010	3
<input type="checkbox"/> COMI 1100	Introduction to Computers	3
<input type="checkbox"/> MATH 1710 P	Trigonometry for Technology	3
<input type="checkbox"/> PHYS 1120 OR <input type="checkbox"/> PHYS 1030	Modern Technical Physics I OR General Physics I	4
<input type="checkbox"/> ENGL 1010 P	Composition I*	3
<input type="checkbox"/> ETEK 1100	Introduction to Electronics	3
<input type="checkbox"/> COMI 1420	Spreadsheets (5 wks.)	1
<input type="checkbox"/> COMI 1430	Elementary Data Base Use (5 wks.)	1
<input type="checkbox"/> COMI	Any other COMI course (COMI 1740 recommended)	1
<input type="checkbox"/> BIOL 2480 P	General Microbiology	4
<input type="checkbox"/> Liberal Arts elective or any non-science or math course		3
Total General Education Credits		36

* If placement test indicates, ENGL 1005 also be required and may be used as liberal arts elective.

MAJOR REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> CHMT 1120	Chemical Technology I	6
<input type="checkbox"/> CHMT 1220 P	Chemical Technology II	6
<input type="checkbox"/> CHMT 2320 P	Chemical Technology III	10
<input type="checkbox"/> CHMT 2420 P	Chemical Technology IV	8
Total Major Requirements Credits		30

Total Major Credits

66

Certificate in Chemical Technology is available by taking CHMT 1120, CHMT 1220, CHMT 2320, CHMT 2420; plus ENGL 1050 or ENGL 1010 and either MATH 0500 or MATH 0600 (based on the placement test).

Tip:

It's recommended that full-time students take a minimum of 15 credits each semester.