

CHEMICAL TECHNOLOGY

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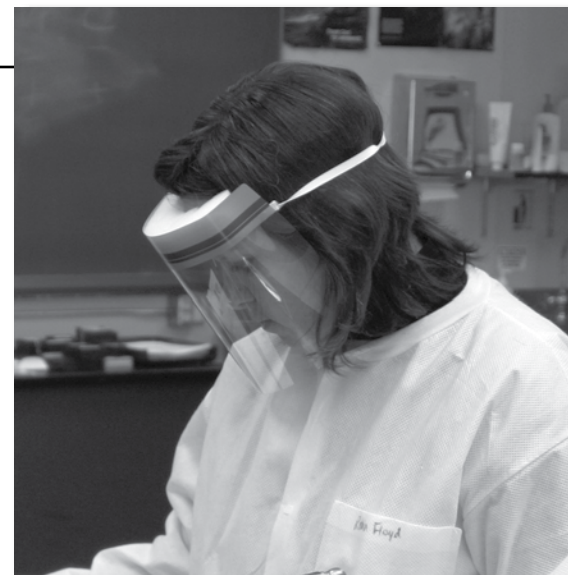
ASSOCIATE IN APPLIED SCIENCE (A.A.S.) DEGREE

Knight Campus, Warwick only

This program is 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"/> BIOL 1002	General Biology – Cellular	4
<input type="checkbox"/> BIOL 2480	P General Microbiology	4
<input type="checkbox"/> ENGL 1010*	P Composition I	3
<input type="checkbox"/> Humanities OR Social Science elective	See pg. 17 for list of courses that meet this requirement	3
<input type="checkbox"/> MATH 1700	P Algebra for Technology	3
<input type="checkbox"/> MATH 1710	P Trigonometry for Technology	3
<input type="checkbox"/> INST 1010	Introduction to Instrumentation Technology	3
<input type="checkbox"/> Social Science elective	See pg. 17 for list of courses that meet this requirement	3
Total General Education Credits		26

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

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

MAJOR REQUIREMENTS

COURSE NO.	COURSE TITLE	CREDITS
<input type="checkbox"/> CHMT 1120	Chemical Technology I	6
<input type="checkbox"/> CHMT 1220	Chemical Technology II	6
<input type="checkbox"/> CHMT 2320	Chemical Technology III	10
<input type="checkbox"/> CHMT 2420	Chemical Technology IV	8
<input type="checkbox"/> COMI 1100	Introduction to Computers	3
<input type="checkbox"/> OR		
<input type="checkbox"/> COMI 1420 AND	Spreadsheets (5 weeks)	1
<input type="checkbox"/> COMI 1430 AND	Introduction to Database Software (5 weeks)	1
<input type="checkbox"/> COMI	Any other COMI course (COMI 1740 recommended)	1
<input type="checkbox"/> ETEK 1100	Introduction to Electronics	3
Total Major Requirements Credits		36

Total Major Credits

62

TIP:

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

P This course has a prerequisite. See Course Descriptions section for class hours, prerequisites and corequisites.