

Chemical Technology Certificate

Certificate in Chemical Technology (CERT_CHMT)

Knight Campus, Warwick only

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 certificate 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. The certificate program consists of the four core Chemical Technology courses, an English course and mathematics proficiency.

Note: Students must take the ACCUPLACER test to ensure proficiency in mathematics. If the ACCUPLACER test indicates, MATH 0100 (3 credits) or MATH 0101 (3 credits) is required. Many courses require prerequisites, corequisites and/or testing. [See course descriptions for details.](#)

RECOMMENDED COURSE SEQUENCE

- First semester: CHMT 1120; ENGL 1010
- Second semester: CHMT 1220
- Third semester: CHMT 2320*
- Fourth semester: CHMT 2420

*CHMT 2320 starts in January and ends in August.

Certificate Requirements

COURSE NO.	COURSE TITLE	COURSE NOTES	CREDITS
CHMT 1120	Chemical Technology I		6
CHMT 1220	Chemical Technology II		6
CHMT 2320	Chemical Technology III	CHMT 2320 starts in January and ends in August.	10
CHMT 2420	Chemical Technology IV		8
ENGL 1010	Composition I		3
Total Certificate Requirements Credits			33
Total Program Credits			33