

Chemical Technology

PROGRAMS

Associate Degree Program

Chemical Technology

Certificate Program

Chemical Technology

CCRI offers a certificate and an associate in applied science degree in Chemical Technology. Either program can be taken on a part- or full-time basis, but the program is designed to allow students to fit their education into their busy lives. It is recommended that all students initially enroll in the certificate program because employers often do not discriminate between certificate- and degree-holding job candidates. Students can continue on to earn the associate in applied science degree. The A.A.S. degree in Chemical Technology transfers to most four-year institutions as the first two years of a traditional baccalaureate program in Chemistry.

For more information contact Program Coordinator Wayne Suits at 401-825-2010 or wsuits@ccri.edu.



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 0500 (3 credits) or MATH 0600 (3 credits) is required. Many courses require prerequisites, corequisites and/or testing. See course descriptions at the back of the catalog for details.

RECOMMENDED COURSE SEQUENCE

First semester: CHMT 1120; ENGL 1010

Second semester: CHMT 1220

Third semester: CHMT 2320*

Fourth semester: CHMT 2420

GAINFUL EMPLOYMENT INFORMATION

Students in this certificate program attend full time and complete it in 18 months of classes. For more information about the number of CCRI graduates in this program and other important gainful employment information, please visit www.ccri.edu/acadaffairs/gainful-employment/bst/chem/chem-tech.html.

Certificate Requirements

| COURSE NO. | COURSE TITLE | CREDITS |
|----------------------------------|-------------------------|-----------|
| — CHMT 1120 | Chemical Technology I | 6 |
| — CHMT 1220 | Chemical Technology II | 6 |
| — CHMT 2320* | Chemical Technology III | 10 |
| — CHMT 2420 | Chemical Technology IV | 8 |
| — ENGL 1010 | Composition I | 3 |
| Total Certificate Credits | | 33 |

*CHMT 2320 starts in January and ends in August.