

Certificate 1
Beginning Chemical Technician

Pathway 1

*For Students pursuing
only CHEMTECH
certificates*

- CHEM 300¹ Beginning Chemistry
- CHEMT 201 Careers in Chemical Technology Seminar
- ENGL C1000² Academic Reading and Writing
- CHEMT 296 Stockroom 1 – Internship (1 unit)
- CISC 310³ Intro to CIS
- BUS 330⁴ Managing Diversity in the Workplace

***A minimum of 1 unit
from the following:***

- CHEMT 301 Chemical Technology Supplemental Lab
- CHEMT 429 Research
- CHEMT 296 Stockroom 1 – Internship (In addition to CHEMT 296 above)

Pathway 2

*For Students who
plan to take
General
Chemistry*

- CHEM 400 General Chemistry
- CHEMT 201 Careers in Chemical Technology Seminar
- ENGL C1000 Academic Reading and Writing²

Certificate 2
Intermediate Chemical Technician

- CHEM 400 General Chemistry I
- CHEM 401 General Chemistry II
- CHEMT 201 Careers in Chemical Technology Seminar
- CHEM 495⁵ Independent Studies in Chemistry
- ENGL C1000⁶ Academic Reading and Writing

¹Or CHEM 305, Or CHEM 306, Or CHEM 309

²Or BUS 100, Or BUS 310, Or ENGL C1001, ENGL C1001H, ENGWR 488, Or ESLW 340

³Or [CISA 305 and CISA 315 and CISC 300]

⁴Or COMM 325, Or ETHNS 300, Or SOC 321, Or SOC 482

⁵Or CHEM 410, Or CHEM 420, Or CHEM 423, Or CHEM 425, Or CHEM 484, Or CHEMT 296

⁶Or BUS 300, Or BUS 310, ENGL C1001, Or ENGWR 488, Or ESLW 340

⁷Or ENGL C1001, ENGL C1001H, ENGWR 488, Or ESLW 340

⁸Or STAT C1000H

Certificate 3
Advanced Chemical Technician

Pathway 1

*Recommended for
students who want to
pursue analytical
techniques*

- CHEM 410 Quantitative Analysis
- CHEMT 424 Instrumentation
- CHEMT 429 Research
- CHEMT 201 Careers in Chemical Technology Seminar
- CHEMT 297 Industry Internship
- ENGL C1000⁶ Academic Reading and Writing
- BUS 310 Business Communications

Pathway 2

*Recommended for
students who plan
to pursue organic
analysis*

- CHEM 420 Organic Chemistry I
- CHEM 421 Organic Chemistry II
- STAT C1000⁸ Introduction to Statistics
- CHEMT 424 Instrumentation
- CHEMT 429 Research
- CHEMT 201 Careers in Chemical Technology Seminar
- CHEMT 297 Industry Internship
- ENGL C1000⁷ Academic Reading and Writing
- BUS 310 Business Communications