

Associate of Applied Science  
**CHEMICAL TECHNICIAN**

This program provides you with the concepts and practical skills needed for employment as a chemical technician. It is designed to complement training for full-time employment or for students seeking such employment. You may use this program in planning to transfer to related academic programs.

**GENERAL EDUCATION REQUIREMENTS (31 crs)**

**COMPLETED**

**Planned Timeline  
(By Semester)**

**Area I Communications (9 crs)**

ENG 111 English Composition I (3)

Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation

ENG 116 Technical Writing (3)

SPCH 130 Public Speaking (3)

Pre-requisite: ENG 109

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**Area II and III Math/ Compute/Laboratory Sciences (12 crs)**

BCIS 102 Computer Literacy (3)

MATH 145 Introduction to Probability & Statistics (3)

Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation

MATH 150 College Algebra (3)

MATH 155 Trigonometry (3)

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**Area IV Social / Behavioral Sciences (3 crs)**

SOC 211 Small Group Communications Studies (3)

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**Area V Humanities and Fine Arts (6 crs)**

PHIL 220 Ethics (3)

HUM 100 FYE: History and Culture of Northern New Mexico (3)

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**Area VI Library Technology (1)**

LT 101 Library Research Skills (1)

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**PROGRAM REQUIREMENTS (38 crs)**

CHEM 121/L General Chemistry I with lab (4)

CHEM 122/L General Chemistry II with lab (4)

CHEM 210/L Integrated Organic and Biochemistry with lab (4)

CHEM 221/L Quantitative Analysis with lab (4)

CHEM 260 Standard Laboratory Protocols (4)

CS 105 Introduction to Databases (3)

CS 205 Databases (3)

ES 126 Introduction to Waste Management (3)

ES 134 OSHA Health and Safety (3)

ES 138 Environmental & Occupational Law and Regulations (3)

Elective (3) \_\_\_\_\_

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**TOTAL CREDIT HOURS 69**