



**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 (27 crs)

Communications (9 crs)

ENG 111	English Composition I (3)		
	<i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____
ENG 116	Technical Writing (3)		
	<i>Pre-requisite: ENG 111</i>	_____	_____
SPCH 130	Public Speaking (3)		
	<i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____

Mathematics/Lab Sciences (12 crs)

CS 102	Computer Literacy (3)		
MATH 145	Introduction to Probability and Statistics (3)		
	<i>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</i>	_____	_____
MATH 150	College Algebra (3)		
	<i>Pre-requisite: MATH 130 or adequate score on the Course Placement Evaluation</i>	_____	_____
MATH 155	Trigonometry (3)		
	<i>Pre-requisite: MATH 150 or adequate score on the Course Placement Evaluation</i>	_____	_____

Social/Behavioral Sciences (3 crs)

SOC 211	Small Group Communications Studies (3)		
	<i>Pre-requisite: ENG 109 or adequate score on Course Placement Evaluation</i>	_____	_____

Humanities (3 crs)

PHIL 220	Ethics (3)		
	<i>Pre-requisite: ENG 109 or adequate score on the Course Placement Evaluation</i>	_____	_____

Health, Physical Education & Recreation (1 cr)

Elective (1) _____

PROGRAM REQUIREMENTS (38 crs)

CHEM 121/L	General Chemistry I with lab (4)		
	<i>Pre-requisite: MATH 130</i>		
	<i>Co-requisite: CHEM 121</i>	_____	_____
CHEM 122/L	General Chemistry II with lab (4)		
	<i>Pre-requisite CHEM 121</i>	_____	_____
CHEM 210	Integrated Organic & Biochemistry with lab (4)		
	<i>Pre-requisite: CHEM 110/L or CHEM 121/L;</i>	_____	_____
CHEM 221	Quantitative & Analytical Chemistry (2) (Spring)		
	<i>Pre-requisite: CHEM 122/L, MATH 145</i>	_____	_____
CHEM 260	Standard Laboratory Protocols (4)		
	<i>Pre-requisite: CHEM 122/L</i>	_____	_____
CS 105	Introduction to Databases (3)		
	<i>Pre-requisite: CS 102 or IT 101</i>	_____	_____
CS 205	Databases (3)		
	<i>Pre-requisite: CS 105 or CS 280</i>	_____	_____
ES 126	Introduction to Waste Management (3)		
ES 134	OSHA Health and Safety (3)		
ES 138	Environmental and Occupational Law and Regulations (3)		
	<i>Pre-requisite: ES 126 and ES 134</i>	_____	_____
Elective (3)	_____	_____	_____

TOTAL CREDIT HOURS 66

Educational Planning Form (Semester)

Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units
Fall Semester	Spring Semester	Summer
Total Units	Total Units	Total Units

Advisor's Signature _____

Student Signature _____