#### Application for the Chemical Technology Program



WORKING TOGETHER | PURSUING EXCELLENCE | INSPIRING ACHIEVEMENT

**INTRODUCTION** – These instructions are intended to help you complete the application for the chemical technology program.

**APPLICATION INFORMATION** – This form will be used to assess if previous courses taken and previous experience will meet equivalency to the required courses in the program. List all chemistry courses taken (with the course numbers - e.g., CHEM 400). Courses required for the program are listed below. <u>Once completed, email this application to both atkinst@scc.losrios.edu</u> and <u>alviarm@scc.losrios.edu</u>

Certificate 1	Certificate 2	Certificate 3
<b>Pathway 1</b> For Students pursuing only ChemTech certificates	CHEM 400 General Chemistry I	<b>Pathway 1</b> Recommended for students who want to pursue analytical techniques
CHEM 300 <sup>1</sup> Beginning Chemistry	CHEM 401 General Chemistry II	CHEM 410 Quantitative Analysis
CHEMT 201 Careers in Chemical Technology Seminar	CHEMT 201 Careers in Chemical Technology Seminar	CHEMT 424 Instrumentation
ENGWR 300 <sup>2</sup> College Composition	CHEM 495 <sup>5</sup> Independent Studies in Chemistry	CHEMT 429 Research
WEXP 498 Stockroom 1 – Internship (1 unit)	ENGWR 300 <sup>6</sup> College Composition	CHEMT 201 Careers in Chemical Technology Seminar
CISC 310 <sup>3</sup> Intro to CIS		WEXP 498 Industry Internship
BUS 330 <sup>4</sup> Managing Diversity in the Workplace		ENGWR 300 <sup>6</sup> College Composition
A minimum of 1 unit from the following:		BUS 310 Business Communications
CHEMT 301 Chemical Technology Supplemental Lab		
CHEMT 429 Research		
WEXP 498 Stockroom 1 – Internship (In addition to WEXP 498 above)		
Pathway 2 For Students who plan to take General Chemistry CHEM 400 General Chemistry		Pathway 2 Recommended for students who plan to pursue organic analysis
CHEM 400 General Chemistry CHEMT 201 Careers in Chemical Technology Seminar		CHEM 420 Organic Chemistry I CHEM 421 Organic Chemistry II
ENGWR 300 <sup>2</sup> College Composition		STAT 300 <sup>8</sup> Introduction to Probability and Statistics CHEMT 424 Instrumentation
		CHEMT 429 Research

**REQUIRED COURSES** – The courses required for the program are listed below.

CHEMT 201 Careers in Chemical
Technology Seminar
WEXP 498 – Industry Internship
ENGWR 300 <sup>7</sup> College
Composition
BUS 310 Business
Communications

<sup>1</sup> Or CHEM 305, Or CHEM 306, Or CHEM 309

<sup>2</sup> Or BUS 100, Or BUS 310, Or ENGWR 302, Or ENGWR 482, ENGWR 488, Or ESLW 340
<sup>3</sup>Or [CISA 305 and CISA 315 and CISC 300]

<sup>4</sup>Or COMM 325, Or ETHNS 300, Or SOC 321, Or SOC 482

<sup>5</sup>Or CHEM 410, Or CHEM 420, Or CHEM 423, Or CHEM 425, Or CHEM 484, Or WEXP 498

<sup>6</sup> Or BUS 300, Or BUS 310, ENGWR 302, Or ENGWR 488, Or ESLW 340

<sup>7</sup> *Or* ENGWR 302, *Or* ENGWR 482, *Or* ENGWR 488, Or ESLW 340

<sup>8</sup> Or STAT 480

## CHEMICAL TECHNOLOGY PROGRAM

# Application Spring 2024

CONTACT INFORMATION	
Date:	
Applicant Last Name	
Applicant First Name	
Other Last Name Used	
Street Address	
Apt	
City	State
Student ID #	
Cell Phone	-
Alternative Phone	
Email	

List all chemistry courses taken (with the course numbers – e.g., CHEM 400).

#### **Certificate 1 – Beginning lab technician**

**Pathway 1** (For students pursuing only the Chemical Technology Certificate). If pursuing Pathway 2 (for students who plan to take general chemistry and may take additional chemistry courses) fill in the table below.

Required Courses	Courses at Los Rios (ARC, CRC, FLC, SCC) Date Completed	Equivalent Courses Taken Outside Los Rios (ARC, CRC, FLC, SCC)	Equivalent Courses Date Completed	Academic Institution Where Course was Taken	Comment(s) (after application review)

### Certificate 1 – Beginning lab technician

Pathway 2 (For students who plan to take general chemistry and may take additional chemistry courses).

Required Courses	Courses at Los Rios (ARC, CRC, FLC, SCC) Date Completed	Equivalent Courses Taken Outside Los Rios (ARC, CRC, FLC, SCC)	Equivalent Courses Date Completed	Academic Institution Where Course was Taken	Comment(s) (after application review)

## Certificate 2 - Intermediate Lab Technician

Required Courses	Courses at Los Rios (ARC, CRC, FLC, SCC) Date Completed	Equivalent Courses Taken Outside Los Rios (ARC, CRC, FLC, SCC)	Equivalent Courses Date Completed	Academic Institution Where Course was Taken	Comment(s) (after application review)

For Comments section (above table):

A – Equivalent Course approved

B – Student must complete a course substitution form and submit to the appropriate department

C – Other comments:

#### Certificate 3 - Advanced Lab Technician

**Pathway 1** - Recommended for students who want to pursue analytical techniques. If pursuing organic analysis/techniques, please complete table on next page.

Required	Courses at	Equivalent	Equivalent		Comment(s)
Courses	Los Rios	Courses	Courses	Academic Institution Where	(after
	(ARC, CRC,	Taken	Date	Course was Taken	application
	FLC, SCC)	Outside Los	Completed		review)
	Date	Rios (ARC,			
	Completed	CRC, FLC,			
		SCC)			

For Comments section (above table):

A – Equivalent Course approved

B – Student must complete a course substitution form and submit to the appropriate department

C – Other comments:\_\_\_\_\_

To help us evaluate courses needed for the certificate, please list any previous experience in the following table.

### Certificate 3 -Advanced Lab Technician

Pathway	Pathway 2 - Recommended for students who want to pursue organic analysis/techniques					
Required	Courses at	Equivalent	Equivalent		Comment(s)	
Courses	Los Rios	Courses	Courses	Academic Institution Where	(after	
	(ARC, CRC,	Taken	Date	Course was Taken	application	
	FLC, SCC)	Outside Los	Completed		review)	
	Date	Rios (ARC,				
	Completed	CRC, FLC,				
		SCC)				
					<u> </u>	

**Pathway 2** - Recommended for students who want to pursue organic analysis/techniques

For Comments section (above table):

A – Equivalent Course approved

B – Student must complete a course substitution form and submit to the appropriate department

C – Other comments:\_\_\_\_\_

To help us evaluate courses needed for the certificate, please list any previous experience in the following table.

Experience (Campus research, stockroom experience, industry experience)

Type of Experience	Name of Research Faculty/School/Company	From	То

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