

# Engineering Certificate Planning Form

Advisor: \_\_\_\_\_

Date: \_\_\_\_\_

Student name: \_\_\_\_\_

This guide is for program planning purposes only. Please refer to [AccessCOTR](#) for course schedules and course pre-requisites. Courses are scheduled with the assumption that students are taking five courses a semester and completing the credential in the time expected. It is the student's responsibility to always refer to the Program Outline for complete program requirements.

Program Requirements		Credits	Grade
<b>Fall</b>			
CHEM 115*	Chemistry for Engineering	3	
CSCI 105	Introduction to Programming in the C and C++ Language	3	
ENGR 101	Engineering Design 1	3	
MATH 103	Differential Calculus	3	
PHYS 103	Introduction to Physics 1	3	
<b>Winter</b>			
ENGL 100	English Composition	3	
ENGR 141	Engineering Statics and Dynamics	3	
MATH 104	Integral Calculus	3	
MATH 221	Elementary Linear Algebra	3	
PHYS 104	Introduction to Physics 2	3	
<b>Spring</b>			
ENGR 102	Engineering Design 2	3	
COMC 102	Advanced Professional Communication	3	
<b>Total Certificate Credits</b>		<b>36</b>	

\*CHEM 101 (Fundamentals of Chemistry 1) and CHEM 102 (Fundamentals of Chemistry 2) may be taken as an alternative to CHEM 115 for programs that require two semesters of Chemistry.

### Prerequisites and Corequisites

- Courses with prerequisites must be completed before you start the course being studied
- Courses with co-requisites must be taken at the same time as the course being studied
- Prerequisites and course descriptions can be found at [Courses - College of the Rockies \(cotr.bc.ca\)](http://Courses - College of the Rockies (cotr.bc.ca))

**Important information regarding your program can be found in the [Academic Calendar](#). You will want to be familiar with:**

- Program completion requirement Notes
- Graduation requirements
- Course information
- Time limits for completing a credential
- other information specific to your program