

From: **College of the Rockies (COTR)**
Engineering Certificate

To: **University of Northern BC (UNBC)**
Bachelor of Applied Science (Major in
Environmental Engineering)

The following list of course equivalents will appear on the transfer credit summary for students who have successfully completed **COTR's Engineering Certificate** and are successfully admitted to the **Bachelor of Applied Science with a major in Environmental Engineering at UNBC**.

Information in this handout is unofficial and should be used as a guide only. Official transfer credit results will be provided at the time of admission to your program. For questions regarding admission to UNBC or course selection please contact Student Recruitment & Advising at 250-960-6306 or advising@unbc.ca.

NOTE: As per UNBC Undergraduate Calendar Regulation number 14, "Students must complete a minimum of 30 credit hours of upper division UNBC course work to receive a UNBC degree."

Course Number & Name	UNBC Equivalence ¹
----------------------	-------------------------------

The following are **sample schedules**; courses may run in different semesters.

Fall Semester

ENGR 101	Engineering Design 1 & ENGR 102	ENGR 117-3, ENGR 151-1 & ENGR 152-1 ³
CHEM 115*	Chemistry for Engineering	CHEM 1XX-3 ⁴
COMP 105	Introduction to Programming in C & C++ Language	CPSC 100-4 ⁵
MATH 103	Differential Calculus	MATH 100-3
PHYS 103	Introduction to Physics	PHYS 110-4

*CHEM 101 & CHEM 102 are recommended as an alternative to CHEM 115⁴ – see Institutional Notes on website (<https://cotr.bc.ca/programs/engineering/>)

Winter Semester

ENGR 141	Engineering Statics & Dynamics	ENGR 130-3
ENGL 100	English Composition	ENGL 170-3
MATH 104	Integral Calculus	MATH 101-3
MATH 221	Elementary Linear Algebra	MATH 220-3
PHYS 104	Introduction to Physics 2	PHYS 111-3

Spring Semester

ENGR 102	Engineering Design 2 & ENGR 101	ENGR 117-3, ENGR 151-1 & ENGR 152-1 ³
COMC 102	Advanced Professional Communications	ENGR 110-3

Recommended Courses to take:

CNC Course	CNC Course Name	UNBC Equivalence ¹
CHEM 101 ⁴	Fundamentals of Chemistry I	CHEM 100-3 & CHEM 120-1
CHEM 102 ⁴	Fundamentals of Chemistry II	CHEM 101-3 & CHEM 121-1

¹ Course equivalencies were determined through the articulation process and are listed on the BC Transfer Guide, www.bctransferguide.ca

Student will need to choose coursework appropriately so as not to receive duplicate Transfer Credit.

² Must achieved a C- (60% at UNBC) or better for all Math transfer credit to use as a prerequisite for UNBC coursework

³ Both COTR ENGR 101 & ENGR 102 must be taken to receive noted transfer credit.

⁴ It is recommended that students take COTR CHEM 101 & 102 instead of COTR CHEM 115 in order to receive the necessary pre-requisites for Engineering course work.

⁵ Students who receive transfer credit for UNBC CPSC 100 can use it to fulfill their degree requirement of CPSC 110-3, this will be done automatically for you.

Note: Above based on COTR 2022 website.