

Student Name: _____

Student Number: _____

This guide is for **planning purposes** only. Check [myCapU Schedule](#) for current course schedule and pre-requisites. Always check the [University calendar](#) for complete program requirements.

Program requirements				
Course	Course Title	Credits	Grade	Term
CHEM 101	Fundamentals of Chemistry	4.00		
ENGL 100	University Writing Strategies	3.00		
MATH 105	Precalculus Mathematics - Modelling Our World	4.00		
PHYS 104	Principles of Physics	4.00		
APSC 130	Technical Drafting and Computer-Aided Design	3.00		
COMP 120	Computer Science for Engineers	4.00		
MATH 116	Calculus I - The Mathematics of Change	4.00		
PHYS 114	Fundamental Physics I	4.00		
	<i>Choose 4.00 credits from the following list:</i> CHEM 110 Bonding and Structure <i>or</i> CHEM 154 Chemical Principles for Engineers ^{1 see notes}	4.00		
APSC 120	Introduction to Engineering	1.00		
APSC 140	Engineering Design	3.00		
MATH 126	Calculus II	3.00		
MATH 152	Linear Algebra and Differential Equations	4.00		
PHYS 115	Fundamental Physics II	4.00		
PHYS 116	Fundamental Physics III	3.00		
APSC 120	Introduction to Engineering	CON		
CMNS 250	Introduction to Technical Writing	3.00		
	Arts Elective 100-level or higher	3.00		
	Arts Elective 100-level or higher <i>or</i> ^{2 see notes} Science 200-level	3.00		
	Science 200-level ^{2 see notes}	3.00		
Total Program Credits:		64.00		

¹ Students choosing CHEM 110 must also take CHEM 111 in order to satisfy the chemistry requirements for this program. CHEM 111 should be taken in the summer between the second and third terms for an additional 4.00 credits towards this credential (68.00 credits total).

² Any 200-level BIOL, COMP, CHEM, MATH, PHYS, or STAT course offered by the School of STEM will satisfy the science requirement

Continuation requirement

For continuation in the Engineering Transition program, the student must normally satisfy all of the following requirements: complete the prerequisite for MATH 116 in the First Term; complete the prerequisite for MATH 126 prior to the start of the Third Term; maintain a minimum CGPA of 1.8; be able to complete all program requirements within two consecutive academic years (First Term to Fourth Term).

Graduation requirement

To be eligible for graduation, all program requirements must normally be completed within two consecutive academic years.

Program Completion Checklist

As per [University Policies](#), the following criteria must be met prior to submitting **Application for Graduation Assessment**: www.capilanou.ca/grad-app/

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Meet Residency Requirements: 50% of courses completed at CapU
<input type="checkbox"/> Yes	<input type="checkbox"/> No	A <i>minimum</i> CGPA of 2.00 is required for graduation from all credentials
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Complete program requirements within a reasonable timeframe for each program: <ul style="list-style-type: none"> • 2-year program: all program requirements must be completed <i>within 5 years</i>

Academic Advising:

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Notes: