

Program Scheduling Plan
September 2015
Computer Engineering

You are responsible for confirming and satisfying course prerequisites/corequisites and resolving timetable conflicts that result from following a non standard schedule. Consult the prerequisite chart on the reverse page to arrange your courses.

IMPORTANT:

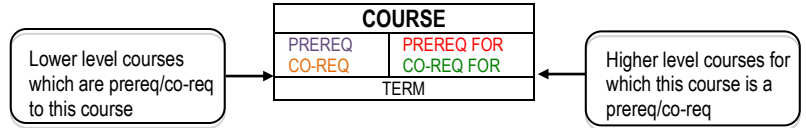
Students must successfully complete ENGR 110, 120, & 141 before moving into the 2nd year program.

FALL		SPRING		SUMMER	
1A		1B		1C	
<input type="checkbox"/> CSC 111 <input type="checkbox"/> ENGR 110 ¹ <input type="checkbox"/> ENGR 130 ² <input type="checkbox"/> MATH 100 <input type="checkbox"/> MATH 110 <input type="checkbox"/> PHYS 110		<input type="checkbox"/> CHEM 150 <input type="checkbox"/> ENGR 120 <input type="checkbox"/> ENGR 141 <input type="checkbox"/> MATH 101 <input type="checkbox"/> PHYS 111			
2A	Year:	WT2	Year:	2B	Year:
<input type="checkbox"/> CENG 241 <input type="checkbox"/> CENG 255 <input type="checkbox"/> CSC 116 ³ <input type="checkbox"/> ELEC 250 <input type="checkbox"/> MATH 200 <input type="checkbox"/> STAT 254		<input type="checkbox"/> Work Term		<input type="checkbox"/> CENG 242 <input type="checkbox"/> CENG 299 <input type="checkbox"/> ELEC 216 <input type="checkbox"/> ELEC 220 <input type="checkbox"/> ELEC 260 <input type="checkbox"/> MATH 204	
WT3	Year:	3A	Year:	WT4	Year:
<input type="checkbox"/> Work Term		<input type="checkbox"/> CENG 460 <input type="checkbox"/> ELEC 300 <input type="checkbox"/> ELEC 310 <input type="checkbox"/> ELEC 320 <input type="checkbox"/> ELEC 330 <input type="checkbox"/> ELEC 340		<input type="checkbox"/> Work Term	
3B	Year:	WT5	Year:	4A	Year:
<input type="checkbox"/> CENG 355 <input type="checkbox"/> CENG 356 <input type="checkbox"/> CENG 399 <input type="checkbox"/> 2 OF: ELEC 350, 360, 370 or 380 <input type="checkbox"/> 1 Natural Science Elective ⁶		<input type="checkbox"/> Work Term		<input type="checkbox"/> CENG 499 <input type="checkbox"/> ENGR 280 or ECON 180 ⁴ <input type="checkbox"/> ENGR 297 <input type="checkbox"/> Technical Electives ⁵	
WT6	Year:	4B	Year:		
<input type="checkbox"/> Work Term		<input type="checkbox"/> CSC 349A <input type="checkbox"/> ENGR 446 ⁸ <input type="checkbox"/> 1 Complementary Studies Elective ⁷ <input type="checkbox"/> Technical Electives ⁵			

Footnotes:

- Students must successfully complete the Academic Writing Requirement (AWR) or ENGR 110 before undertaking their second work term (ENGR 002).
- ENGR 130 (Introduction to Professional Practice) should be completed during the first term upon admission to the program (1A, 2A or 3A). Students must successfully complete ENGR 130 before undertaking their first work term (ENGR 001)
- CSC 115 may be substituted in a term when CSC 116 is not offered. CSC 116 is strongly recommended.
- ECON 180 is usually offered in the Fall term.
- Students must take a total of seven Technical Electives selected from the [list of Technical Electives](#) found on the ECE website.
Students from the Camosun Bridge program must take 2 technical electives from the [Special Bridge Student's Electives List](#)
- A Natural Science elective following Canadian Engineering Accreditation Board (CEAB) guidelines. A [list of approved electives](#) is found on the ECE website.
- A Complementary Studies elective dealing with central issues in humanities or social sciences following CEAB guidelines, and as approved by the Faculty of Engineering's BEng/BSEng Student Programs Committee. A [list of approved complimentary studies](#) courses is found on the ECE website.
- Students normally take ENGR 446 in the term preceding the final term of their academic program (academic or work term).

Computer Engineering



1st year

CSC 111 CSC 116, CENG 255, MECH 458	ENGR 110 ENGR110 diagnostic or ENGL099	ENGR 130 ENGR 120	MATH 100 ENGR 280, MATH 101, PHYS110,111	MATH 110 ELEC 260	PHYS 110 MATH100 PHYS111, ELEC216,426
SPRING, FALL	SPRING, SUMMER, FALL	FALL	SPRING, SUMMER, FALL	FALL	FALL, SPRING

CHEM 150	ENGR 120 CSC 110 or 111, ENGR 110 or 111 or (112, ENGL135)	ENGR 141 ELEC426	MATH 101 MATH100 MATH200, ELEC260, MECH295	PHYS 111 PHYS110, MATH 100 or 102 ELEC216,220
SPRING	SPRING	SPRING	SPRING, SUMMER, FALL	SPRING, SUMMER

2nd year

CENG 241 CENG441	CENG 255 CSC111, CSC115 or 116 CENG355, 460	CSC 116 CSC 110 or 111 CENG255	ELEC 250 MATH 101, PHYS111, or 125 or 130 ELEC300,330, 370	MATH 200 MATH101 ELEC220, CSC349A, MECH410,460 ELEC216, STAT254	STAT 254 MATH200 ENGR280, ELEC485, CENG 412
FALL	FALL	FALL	SUMMER, FALL	SPRING, SUMMER, FALL	FALL

CENG 242 MATH101, 110	CENG 299 ENGR 120 or 121, MATH 110 or 211 CENG399	ELEC 216 PHYS110, 111 MATH 200 ELEC340,434, MECH458,466 ELEC 220	ELEC 220 PHYS111, MATH 200, ELEC 216 ELEC320	ELEC 260 MATH 101, 110 or 211 ELEC300, 310,340,360	MATH 204 MATH200 or 205 CSC349A
SUMMER	SUMMER	SUMMER, FALL	SUMMER	SUMMER, FALL	SPRING, SUMMER, FALL

3rd year

CENG 460 CENG 255 or MECH405	ELEC 300 ELEC 250, 260 ELEC380, 404	ELEC 310 ELEC 260 ELEC350,403, 407, 435, 459, 483, 484, 486, 466 CENG 421	ELEC 320 ELEC 220 ELEC412, 420,452,481	ELEC 330 ELEC 250 ELEC350, 380, 461, 462	ELEC 340 ELEC 216, MATH 201 ELEC404, 434, 452, 453
SPRING	SPRING	SPRING, SUMMER	SPRING	SPRING	SPRING

CENG 355 CENG 255 or CSC230 or MECH405 CENG421, 455, ELEC466, SENG461, 466	CENG 356 CENG 255 SENG462	CENG 399 ENGR001, 3rd year standing CENG499	2 OF: ELEC 350, 360 370 AND 380	* 1 NS elective
FALL	FALL	FALL	FALL	FALL

4th year

CENG 499 ELEC/CENG 399 or MECH 350 or BME 350, ENGR002, 4th year standing	CSC 349A CSC110 or 111; MATH 110 or 211, and 202 or (200 &201 or 204)	ENGR 280 or ECON 180 MATH 110, STAT 254 or 260	ENGR 297 ENGR120 or ENGR240 or ENGL 225	ENGR 446 Technical Report ENGR 002 & 6 units of 400-level courses ENGR 003	* 1 CS elective ** 7 technical electives
SUMMER	SPRING, FALL	SUMMER	SUMMER	SPRING	

Equivalent courses:

CHEM 150- CHEM 101 (Summer, Fall)
ELEC 216 – PHYS 216 (Fall)
ENGR 240 – ENGL 225 (Spring, Fall)
MATH 110/133 – MATH 211/233A (Spring, Fall)
MATH 201 – MATH 204 (Spring, Summer, Fall)
PHYS 110 – PHYS 120 (Fall)
PHYS 111 – PHYS 130 (Spring)
STAT 254 – STAT 260 (Spring, Fall)
CSC 116 – CSC 115 (Spring, Summer, Fall)
ENGR 280 – ECON 180 (Summer, Fall)

Notes:

*Please see the [undergraduate program](#) and [advising](#) webpages for more information
** Some 4th year courses may be pre/co-requisites for technical electives.
-Please check [list of ECE Technical electives](#) and the [special bridge student's elective list](#)
-Please check the current [UVic Calendar](#) for latest updates
-Please contact your Academic Advisor at engradv2@uvic.ca if you find any discrepancies between the calendar and this sheet