

## Program Scheduling Plan Electrical Engineering September Calendar 2018

*Students are responsible for checking degree program requirements (CAPP Report); confirming any changes to and satisfying current or future course/work term prerequisites and corequisites; resolving timetable conflicts that may result from following a nonstandard schedule; and understanding registration dates and deadlines (adding and dropping courses). Consult the prerequisite chart on the reverse page.*

**Student's name & number:** \_\_\_\_\_

FALL	SPRING	SUMMER
<b>1A</b>	<b>1B</b>	<b>1C</b>
<input type="checkbox"/> CSC 111 <input type="checkbox"/> ENGR 110 <sup>1</sup> <input type="checkbox"/> ENGR 130 <sup>2</sup> <input type="checkbox"/> MATH 100 or 109 <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	
<b>2A</b> <span style="float: right;">Year:</span>	<b>WT2</b> <span style="float: right;">Year:</span>	<b>2B</b> <span style="float: right;">Year:</span>
<input type="checkbox"/> CSC 116 <input type="checkbox"/> ECE 241 <input type="checkbox"/> ECE 250 <input type="checkbox"/> ECE 255 <input type="checkbox"/> MATH 200 <input type="checkbox"/> STAT 254	<input type="checkbox"/> Work Term	<input type="checkbox"/> ECE 216 <input type="checkbox"/> ECE 220 <input type="checkbox"/> ECE 260 <input type="checkbox"/> ECE 299 <input type="checkbox"/> MECH 295 <input type="checkbox"/> MATH 204
<b>WT3</b> <span style="float: right;">Year:</span>	<b>3A</b> <span style="float: right;">Year:</span>	<b>WT4</b> <span style="float: right;">Year:</span>
<input type="checkbox"/> Work Term	<input type="checkbox"/> CSC 349A <input type="checkbox"/> ECE 300 <input type="checkbox"/> ECE 310 <input type="checkbox"/> ECE 320 <input type="checkbox"/> ECE 330 <input type="checkbox"/> ECE 340	<input type="checkbox"/> Work Term
<b>3B</b> <span style="float: right;">Year:</span>	<b>WT5</b> <span style="float: right;">Year:</span>	<b>4A</b> <span style="float: right;">Year:</span>
<input type="checkbox"/> ECE 350 <input type="checkbox"/> ECE 355 <input type="checkbox"/> ECE 360 <input type="checkbox"/> ECE 370 <input type="checkbox"/> ECE 380 <input type="checkbox"/> ECE 399	<input type="checkbox"/> Work Term	<input type="checkbox"/> ECE 499 <input type="checkbox"/> ECON 180 <input type="checkbox"/> 4 Technical Electives <sup>3</sup>
<b>WT6</b> <span style="float: right;">Year:</span>	<b>4B</b> <span style="float: right;">Year:</span>	
<input type="checkbox"/> Work Term  <input type="checkbox"/> ENGR 446 <sup>6</sup> (not a class you attend)	<input type="checkbox"/> ENGR 297 <input type="checkbox"/> 1 Natural Science Elective <sup>4</sup> <input type="checkbox"/> 1 Complementary Studies Elective <sup>5</sup> <input type="checkbox"/> 3 Technical Electives <sup>3</sup>	

**Footnotes:**

- 1 Students must successfully complete the Academic Writing Requirement (AWR) or ENGR 110 before undertaking their second work term (ENGR 002).
- 2 ENGR 130 (Introduction to Professional Practice) should be completed during the first term upon admission to the program (1A, 2A or 3A).
- 3 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 Elective List](#)**
- 4 A Natural Science elective following Canadian Engineering Accreditation Board (CEAB) guidelines. A [list of approved electives](#) is found on the ENGR website.  
**ELEC Students from the Camosun Bridge program must take MECH 295 (offered only in summer) as their natural science elective.**
- 5 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 ENGR website.
- 6 Students normally take ENGR 446 in the term preceding the final term of their academic program (academic or work term).

# Electrical Engineering



1<sup>ST</sup> year

CSC 111	ENGR 130	ENGR 110	MATH 100	MATH 110	PHYS 110
CSC 116, ECE 255, MECH 458		ENGR110 diagnostic or ENGL099	ENGR 280, MATH 101 PHYS110,111	ECE 260	MATH100 or 109
SPRING, FALL	SPRING, SUMMER, FALL	FALL	SPRING, SUMMER, FALL	FALL	FALL, SPRING

CHEM 150	ENGR 120	ENGR 141	MATH 101	PHYS 111
ECE 220	CSC 110 or 111, ENGR 110 or 111 or (112, ENGL135)	MATH 100 or 109, MATH 110 or 211	MATH100 or 109	PHYS110, MATH 100 or 109 or 102
SPRING	SPRING	SPRING, SUMMER	SPRING, SUMMER, FALL	SPRING, SUMMER

2<sup>nd</sup> year- 2A

ECE 241	ECE 255	CSC 116	ECE 250	MATH 200	STAT 254
ECE 441, ECE 299	CSC 111	CSC 110 or 111	MATH 101, PHYS111	ECE 220, 403, CSC349A, MECH410,460 ECE216, STAT254	MATH200
FALL	FALL	FALL	SUMMER, FALL	SPRING, SUMMER, FALL	FALL

2<sup>nd</sup> year- 2B

ECE 216	ECE 220	ECE 260	ECE 299	MECH 295	MATH 204
PHYS110,111 MATH 200	CHEM101 or 150; MATH 200, PHYS111 or 112 or 125 ECE 216	MATH 101 and110 or 211	ECE 241 , ECE 250, ENGR 120 or 121	MATH101	MATH200 or 205
SUMMER, FALL	SUMMER	SUMMER, FALL	SUMMER	SUMMER	SPRING,SUMMER, FALL

3<sup>rd</sup> year- 3A

CSC 349A	ECE 300	ECE 310	ECE 320	ECE 330	ECE 340
CSC110 or 111; MATH 110 or 211, either MATH200 and 201 or MATH 202 or 204	ECE 250, 260 MATH 201 or 204	ECE 260	Min GPA 3.0 in all: ECE 216,220, MATH 204	Min GPA 3.0 in all: ECE216,250, MATH 200	ECE216, MATH 201, 204
SPRING, FALL	SPRING	SPRING, SUMMER	SPRING	SPRING	SPRING

3<sup>rd</sup> year- 3B

ECE 355	ECE 350	ECE 360	ECE 370	ECE 380	ECE 399
ECE 241 or MATH 122, ECE 255 or CSC230	ECE 310, 330	ECE 260	ECE 216, 250	ECE 300, 320, 330	ECE 200,299, ENGR 001 and, 3 <sup>rd</sup> year standing
FALL	FALL	SPRING, FALL	FALL	FALL	FALL

4<sup>th</sup> year- 4A & 4B

ECE 499	ECON 180	ENGR 297	ENGR 446 Technical Report	** 7 technical electives	* 1 CS elective & * 1 NS elective
ECE 399 or MECH 350 or BME 350, ENGR002, 4 <sup>th</sup> year standing	MATH 101, admission to BENG program	ENGR 120 or ENGR 240 or ENGL 225	ENGR 002 & 6 units of 400-level courses ENGR 003		
SUMMER	SUMMER, FALL	SUMMER, FALL	SPRING, SUMMER, FALL		

## Equivalent courses:

CHEM 150- CHEM 101 (Summer, Fall)  
ECE 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, Summer, 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 4<sup>th</sup> 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](mailto:engradv2@uvic.ca) if you find any discrepancies between the Calendar and this sheet.

Last modified: June 2018/AM