

ADDENDUM: STUDENTS FOLLOWING THE OLD ELECTRICAL ENGINEERING PROGRAM

Effective September 2016, students have been admitted to the new programs that include a number of new courses. This has resulted in the phasing out of some courses included in the old programs. Consequently, as of Fall 2019, the department will no longer be offering any lab complementary courses. This decision not only affects students who have yet to complete their 2-credit lab complementary, but also those who have yet to complete ECSE 434.

In order to help students who still have to complete the 2-credit lab complementary course **AND/OR** ECSE 434, we are proposing a few alternatives:

1. Students may combine two of the new 4 credit courses with lab experience*, and use the surplus of 2 credits towards the lab complementary requirement **OR** ECSE 434.
2. **In the event that students no longer have two TCs left to complete**, the department will allow students to select an ECSE TC (from the approved list of their program) to satisfy ECSE 434 **OR** any outstanding lab complementary.
3. **In truly exceptional circumstances only**, the department may use any surplus credits that a student may have accumulated throughout their degree to satisfy ECSE 434 **OR** the 2-credit lab complementary requirement. For example, a student may use the surplus credit gained from replacing ECSE 323 (ECSE 325 + ECSE TC) with a surplus credit gained from taking a 4 credit TC, or from taking a 4 credit replacement course (e.g. ECSE 335 instead of ECSE 334). Note that these cases should be referred to the Program Administrator or Associate Chair for vetting before being recommended to students.

In cases where students have not yet completed ECSE 434 AND their lab complementary, the department will permit students to take an extra 4 credit TC* to replace both the lab complementary **AND** ECSE 434. The choice, however, needs to be approved by the Program Administrator or the Associate Chair. It is to be understood that students need to complete **at least** 6 credits, as approved by the Department, to meet the laboratory course requirement of their program.

*As the prerequisites for these courses may be different from the ones students have taken, a “permit override” may be required to register for the course(s). Students are to contact the Undergraduate program Office at undergrad.ece@mcgill.ca for the overrides to register. Please ensure that the McGill ID and CRN are included in the email.

Phasing out courses in the Electrical Engineering Program

Beginning in September 2016, new students were admitted to the new Electrical Engineering program, which includes a number of new courses. Several courses offered in old program have been completely phased out. The table below lists these courses and their replacements. There are explanatory notes following the table.

		Replacement
ECSE 200	Electric Circuits 1	New 200 (includes labs)
ECSE 210	Electric Circuits 2	New 210 (includes labs)
ECSE 221	Intro. to Computer Eng.	ECSE 222
ECSE 291	Electrical Measurements Lab	See Addendum
ECSE 303	Signals & Systems 1	ECSE 206
ECSE 304	Signals & Systems 2	ECSE 206 or ECSE 309 ¹
ECSE 305	Prob. & Random Signals	ECSE 205
ECSE 322	Computer Engineering	ECSE 324
ECSE 323	Digital Systems Design	ECSE 325 <i>and</i> 1 ECSE Elec. Eng. TC
ECSE 330	Intro. to Electronics	ECSE 331
ECSE 334	Intro. Microelectronics	ECSE 335
ECSE 351	Electromagnetic Fields	ECSE 251
ECSE 352	Electromagnetic Waves	ECSE 354
ECSE 361	Power Engineering	ECSE 362
ECSE 414	Telecom Networks	ECSE 309
ECSE 426	Microprocessor Systems	ECSE 444
ECSE 434	Microelectronics Lab	See Addendum
ECSE 4xx	EE Labs	See Addendum
MATH 270	Applied Linear Algebra	MATH 271/MATH 223
MATH 381	Complex Variables	An extra TC
PHYS 271	Quantum Physics	Natural Science Comp. ²

TC = technical complementary.

¹ If you complete ECSE 303, the replacement for ECSE 304 is ECSE 206. If you complete ECSE 206 instead of ECSE 303, the replacement for ECSE 304 is ECSE 309. **In other words, the replacement for 303+304 is either 303+206 or 206+309.**

terms.

² A Natural Science Complementary is a science course chosen from a specific list.