

ATTENTION: 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, and we have been progressively phasing out some of the courses that are part of the old programs. Unfortunately, as time passes the number of options for the Lab Complementaries have been going down. In order to help students who still have to complete a Lab Complementary, we are proposing an alternative to satisfy the 2-credit lab complementary requirement. The proposal is to combine two of the new 4 credit courses with lab experience, and to use the surplus of 2 credits towards the lab complementary requirement. As the prerequisites for these courses are different from the ones you have taken, a “permit override” will be required to register for the course(s). Please contact the Undergraduate program Office at undergrad.ece@mcgill.ca for the overrides to register and make sure you include your McGill ID and CRN of the course(s) in your email.

Below are some suggested pairings. Others are possible, subject to departmental approval.

ECSE 362, Fundamentals of Power Engineering* (4 credits) plus
ECSE 470, Electromechanical Systems (4 credits)

ECSE 307, Linear Systems & Control (4 credits) plus
ECSE 403, Control Systems (4 credits)

ECSE 308, Intro. To Communication Systems & Networks (4 credits) plus
ECSE 408, Communication Systems (4 credits)

ECSE 335, Microelectronics** (4 credits) plus
ECSE 433, Physical Basis; Transistor Devices (4 credits)

* In this case ECSE 362 is taken in replacement of ECSE 361.

** In this case ECSE 335 is taken in replacement of ECSE 334.

- PHYS 271, Quantum Physics replacement – The replacement for this course is a Natural Science Complementary course chosen from a specified list. Please note that this course cannot be taken under the S/U option, as this course is a replacement for a core course in your program. Here is the link to the list of approved natural science complementary

courses. <http://www.mcgill.ca/ece/undergrad/information/se/natural-science-complementaries>

- ECSE 323, Digital Systems Design, is replaced with the new course ECSE 325 Digital Systems and another ECSE TC from your program.
- MATH 270 has been cancelled in Fall 2018. Instead, you are to register for MATH 271 or MATH 223 as a replacement course. The next time MATH 270 will be offered is in Winter 2020.