Phasing out courses in the Computer Engineering Program

Starting in September 2016, new students have been admitted to a new Computer Engineering program, which includes a number of new courses. As we offer the new courses, we are progressively phasing out some of the courses that are part of the old program. The table below lists these courses and indicates the last semesters in which they will be offered in their present form. It also explains what the replacement will be after that. There are explanatory notes following the table. Updates from the previous version are highlighted in yellow.

		F15	W16	F16	W17	F17	W18	F18	Replacement
ECSE 200	Electric Circuits 1	x	x						New 200 (includes labs)
ECSE 210	Electric Circuits 2	x	x	x					New 210 (includes labs)
ECSE 221	Intro. to Computer Eng.	x	x	x					ECSE 222
ECSE 291	Electrical Measurements Lab	x	x	x	x				ECSE 4XX TC, except 443, 450, 463 and 469
ECSE 305	Prob. & Random Signals	x	x	x	x	x			ECSE 205
ECSE 306	Fund. of Signals & Sys.	x	x	x					ECSE 206
ECSE 322	Computer Engineering	x	x	x	x	x			ECSE 324[1] (*not* cross-listed)
ECSE 323	Digital Systems Design	x	x	x	x	x			ECSE 325 *and* (1 ECSE Comp. Eng. TC or ECSE 223)
ECSE 330	Intro. to Electronics	x	x	x	x				ECSE 331
ECSE 334	Intro. Microelectronics	x	x	x	x	x			ECSE 335
ECSE 414	Telecom Networks	x		x		x			ECSE 309[1] (*not* cross-listed)
ECSE 426	Microprocessor Systems	x	x	x	x	x	x		ECSE 444[2]
ECSE 4xx	CE Labs	x	x	x	x	x	x	x	ECSE 434 (last offered in Fall 2018), ECSE 436,ECSE489, ECSE 493
MATH 270	Applied Linear Algebra	x	x	x					MATH 271

TC = technical complementary.

[1] Note that these are *not* cross-listed. After F17, register directly for ECSE 324 and ECSE 309.
[2] ECSE 444 is the new Microprocessors course which is 4 credits.

General Notes

Underscore indicates a new course with which the old course will be *cross-listed*. This means that you will register for the old course (e.g., ECSE 221), but the course you attend will have the title and content of the new one (e.g., ECSE 222). (The old course title and number will appear on your Minerva Class Schedule and on your official transcript). Descriptions of the new courses are given below (and will soon be in the McGill course calendar). In some cases, the new course is 4 credits, but those registered in the old course will be exempt from the laboratory component and the work load for them will be 3 credits (e.g., ECSE 330/331). *It is important*

that you register for the old course (e.g., ECSE 221), not the course with which is it cross-listed (e.g., ECSE 222).

In a few cases the replacement course is 1 credit more than the old course, e.g., ECSE 291 is 2 credits, but the ECSE 4XX TC replacement is 3 credits. Because of the requirements of the Canadian Engineering Accreditation Board, it has not always been possible to find a way around this. Students wishing to avoid the extra credit should complete the old course before it is terminated.

Prerequisites and corequisites will continue to be imposed, where applicable.

We have tried to provide accurate information, but the transition is quite complex and no doubt we will have to issue revisions to the above from time to time. If you spot inconsistencies or have any questions, please contact the Undergraduate Student Affairs Office (Trottier 2060, 514-398-3943, undergrad.ece@mcgill.ca).

Thank you for your patience and understanding.

Version date: January 24, 2018.