COMPUTER ENGINEERING

1- Starting academic year 2021-22 (May 2021 onwards), the department will be offering all the courses which are core to either Electrical Engineering or Computer engineering programs (except ELEC490 and COEN490) in two out of three of the terms (Either summer/fall or summer/winter or fall/winter). Courses which are offered in two out of three terms are shown in following recommended sequences in red font.

2- Starting academic year 2021-22 (May 2021 onwards), the department will be offering all of the courses which are core for both Electrical Engineering and Computer engineering programs (except ENGR290) in all three terms of summer, fall and winter. Courses which are offered in all three terms are shown in following recommended sequences in blue font.

3- Students who have been admitted and registered in Electrical Engineering or Computer Engineering programs in fall 2019 or later are required to be either in the COOP program or C-Edge program. Students in the C-Edge or COOP programs are supposed to take and pass at least in one or three workterms, respectively.

4- COOP students are supposed to follow the sequence as shown below. If a COOP student lags behind in courses due to taking low number of courses or failing in some of the courses, they have to talk to the corresponding Undergraduate Program Director for re-scheduling the COOP workterms.

	Fall Year 1	Winter Year 1	Summer Year 1	Fall Year 2	Winter Year 2	Summer Year 2	Fall Year 3	Winter Year 3	Summer Year 3	Fall Year 4	Winter Year 4
Computer Engineering Program (COOP Fall Entry)	COEN243	COEN244	ELEC242	COOP WORK TERM	ELEC342	COEN317	COEN366	COOP WORK TERM	COOP WORK TERM	COEN490	COEN490
	COEN212	COEN231	ELEC311		COEN346	ENGR391	COEN390			GEN-ED	ENGR392
	ELEC273	COEN311	COEN352		SOEN341	COEN316	COEN320			ELECTIVE	Science
	ENGR213	ENGR233	COEN313		ENGR290	ELEC372	ENGR371			ELECTIVE	ELECTIVE
	ENGR201&202	ENCS282			ENGR301		Science			ELECTIVE	ELECTIVE

5- A student who has passed COEN390 and has only 55 credits or less to graduate is eligible to take the C-Edge workterm. This is the basis for the decision of the department in assigning the schedule for the workterm of each student.

6- C-Edge students will be informed by the COOP institute when they are supposed to take their C-Edge workterm at least one year in advance of their scheduled workterm date. This is based on the decision of the department which will be updated every four months by checking the eligibility of students considering earned credits.

7- For C-Edge students, an example of a 4-year sequence is given below. According to this sequence from Summer Year 2, these students should follow the sequence that corresponds to their assigned work term.

Summer Year 2	Fall Year 3	Winter Year 3	Summer Year 3	Fall Year 4	Winter Year 4
ENGR391	C-Edge WORKTERM	COEN366	No activity	COEN490	COEN490
COEN390		ELEC372		GEN-ED	ENGR392
COEN316		COEN320		ELECTIVE	Science
ENGR371		COEN317		ELECTIVE	ELECTIVE
		Science		ELECTIVE	ELECTIVE

Computer Engineering Program (C-Edge Fall Entry)

Fall Year 1	Winter Year 1	Summer Year 1	Fall Year 2	Winter Year 2
COEN243	COEN244	No activity	ELEC242	ELEC342
COEN212	COEN231		ENGR290	COEN346
ELEC273	COEN311		COEN352	SOEN341
ENGR213	ENGR233		COEN313	ELEC311
ENGR201	ENCS282		ENGR202	ENGR301

Summer Year 2	Fall Year 3	Winter Year 3	Summer Year 3	Fall Year 4	Winter Year 4
COEN317	COEN366	C-Edge WORKTERM	No activity	COEN490	COEN490
ENGR391	COEN316			GEN-ED	ENGR392
ELEC372	COEN320			ELECTIVE	Science
ENGR371	COEN390			ELECTIVE	ELECTIVE
	Science			ELECTIVE	ELECTIVE

Computer Engineering Program (C-Edge Winter Entry)

Fall Year 1	Winter Year 1	Summer Year 1	Fall Year 2	Winter Year 2
No activity	COEN244	COEN244	ELEC242	ELEC342
	COEN212	COEN231	ELEC311	COEN346
	ELEC273	COEN311	COEN352	SOEN341
	ENGR213	ENGR233	COEN313	ENGR290
	ENGR201&202	ENCS282	ENGR301	

Summer Year 2	Fall Year 3	Winter Year 3	Summer Year 3	Fall Year 4	Winter Year 4
No activity	ELEC372	COEN366	C-Edge WORKTERM	COEN490	COEN490
	ENGR391	COEN390		GEN-ED	ENGR392
	COEN316	COEN320		ELECTIVE	Science
	ENGR371	COEN317		ELECTIVE	ELECTIVE
		Science		ELECTIVE	ELECTIVE

COEN445 has been renumbered as COEN366.

8- For C-Edge students, an example of a 5-year sequence is given below. Note that students are responsible to prepare their own course sequences based on the assigned schedule for their workterm.

Computer Engineering Program (C-Edge Fall Entry)

	Fall Year 1	Winter Year 1	Summer Year 1	Fall Year 2	Winter Year 2	Summer Year 2	Fall Year 3	Winter Year 3
	COEN243	COEN244	No activity	COEN352	ELEC242	No activity	ELEC342	COEN390
	COEN212	COEN231		ELEC273	ENGR301		COEN346	COEN317
	ENGR213	ENGR233		COEN311	ENGR290		ENGR371	SOEN341
	ENGR201&202	ENCS282		COEN313	ELEC311		COEN316	ELEC372

Continuation (Option 1):

Summer Year 3	Fall Year 4	Winter Year 4	Summer Year 4	Fall Year 5	Winter Year 5
No activity	C-Edge WORKTERM	COEN366	No activity	COEN490	COEN490
		COEN320		GEN-ED	ENGR392
		ENGR391		ELECTIVE	Science
		Science		ELECTIVE	ELECTIVE
				ELECTIVE	ELECTIVE

Continuation (Option 2):

Summer Year 3	Fall Year 4	Winter Year 4	Summer Year 4	Fall Year 5	Winter Year 5
No activity	COEN366	C-Edge WORKTERM	No activity	COEN490	COEN490
	COEN320			GEN-ED	ENGR392
	ENGR391			ELECTIVE	Science
	Science			ELECTIVE	ELECTIVE
				ELECTIVE	ELECTIVE

Computer Engineering Program (C-Edge Winter Entry)

	Fall Year 1	Winter Year 1	Summer Year 1	Fall Year 2	Winter Year 2	Summer Year 2	Fall Year 3	Winter Year 3	Summer Year 3	Fall Year 4	Winter Year 4	Summer Year 4	Fall Year 5	Winter Year 5
	No activity	COEN243	No activity	COEN244	COEN352	No activity	ELEC242	ELEC342	No activity	ENGR391	COEN366	C-Edge WORKTERM	COEN490	COEN490
		COEN212		COEN231	ELEC273		ENGR301	COEN346		COEN390	COEN320		GEN-ED	ENGR392
		ENGR213		ENGR233	COEN311		ENGR290	SOEN341		COEN316	COEN317		ELECTIVE	Science
		ENGR201&202		ENCS282	COEN313		ELEC311	ENGR371		ELEC372	Science		ELECTIVE	ELECTIVE
													ELECTIVE	ELECTIVE

9- Courses for options of "Biological and Biomedical Engineering" and "Pervasive Computing" are to be offered in the last year of studies indicated by ELECTIVES.

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