Department of Electrical and Computer Engineering Degree Audit Form

Student Name:		Student Number:	
Student Email:			
Semester Seeking Registration:		Audit Calendar:	
Registered in Co-Op Program:	☐Yes / ☐No	GPA:	
Transfer Credits:	☐Yes / ☐No	Semester Level:	

1st Year Courses	☐ All Ten (10) Courses Completed?	☑ Completed Courses; ☒ Courses In Progress
Fall Term	**Winter Term** Students who wish to enter into the Electrical Engineering Program will have to declare their major in this semester and register for the following courses	
☐ GENG-1101 (Engineering I)	☐ CHEM-1103 (Topics in General Chemistry)	
☐ GENG-1102 (Engineering Graphics)	☐ GENG-1110 (Engineering Mechanics I)	
☐ MATH-1270 (Linear Algebra)	☐ GENG-1201 (Cornerstone Design)	
☐ MATH-1720 (Differential Calculus)	☐ GENG-1202 (Introductory Electrical and Computer Engineering)	
☐ PHYS-1400 (Introductory Physics I)	☐ MATH-1730 (Integral Calculus)	

2nd Year Courses	☐ All Twelve (12) Courses Completed?	☑ Completed Courses; ☒ Courses In Progress
Students must have completed at least eight (8) of their 1st year courses before being allowed to register into the 2nd year courses including all pre-requisite courses required for registration into the 2nd year courses. **One (1) non-technical elective outside of Engineering required.**		
Fall Term	**Winter Term**	**Summer Term**
☐ GENG-2340 (Electrical & Computing Fundamentals) [No credit for both ELEC-2320 and ELEC-2140]	☐ ELEC-2170 (Digital Logic Design I)	☐ GENG-2980 Work Term I (Co-op)
☐ ELEC-2320 (Software Fundamentals)	☐ ELEC-2200 (Circuit Analysis) [pre req: ELEC-2320] [No credit for both ELEC-2200 and ELEC-2140]	
☐ MATH-2780 (Vector Calculus)	☐ ELEC-2240 (Signals and Systems) [pre req: MATH-2780 and MATH-2790]	
☐ MATH-2790 (Differential Equations)	☐ ELEC-2260 (Electronics I) [pre req: MATH-2780 and MATH-2790]	
☐ PHYS-2200 (EM Fields and Photons)	☐ ELEC-2280 (Electromagnetic Fields) [pre req: MATH-2780 and MATH-2790]	
☐ One non-technical course from the Faculty of Engineering's approved list.	☐ GENG-2220 (Engineering Treatment of Experimental Data) [pre req: MATH-1720]	

3rd Year Courses	☐ All Eleven (11) Courses Completed?	☑ Completed Courses; ☒ Courses In Progress
Students must have completed all the 1st year courses and at least ten (10) of their 2nd year courses before being allowed to register into the 3rd year courses including all pre-requisite courses required for registration into the 3rd year courses. **One (1) non-technical elective outside of Engineering required.**		
Fall Term	**Winter Term**	**Summer Term**
☐ ELEC-3130 (Electromechanical Systems I) [pre req: MATH-2780, MATH-2790, and ELEC-2250]	☐ GENG-3980 Work Term II (Co-op)	☐ ELEC-3030 (Physical Electronics) [pre req: MATH-2780 and MATH-2790]
☐ ELEC-3160 (Electronics II) [pre req: MATH-2780, MATH-2790, and ELEC-2260]		☐ ELEC-3240 (Control Systems I) [co req: MATH-2780, MATH-2790, and ELEC-3130]
☐ ELEC-3300 (Digital Logic Design II) [pre req: MATH-2780, MATH-2790, and ELEC-2170]		☐ ELEC-3270 (Microprocessors) [pre req: MATH-2780, MATH-2790, ELEC-2170, ELEC-3160, and ELEC-3300]
☐ GENG-3130 (Engineering Economics)		☐ ELEC-3290 (Analog Communications) [co req: MATH-2780, MATH-2790, and ELEC-3160]
		☐ GENG-2500 Engineering and the environment
		☐ One non-technical course from the Faculty of Engineering's approved list.

4th Year Courses	☐ All Eleven (11) Courses Completed?	☑ Completed Courses; ☒ Courses In Progress
Students cannot register into any of the 4th year courses until all Electrical Engineering courses from 1st, 2nd and 3rd year have been completed.		
Fall Term	**Winter Term**	**Summer Term**
☐ GENG-4980 Work Term III (Co-Op)	☐ ELEC-4000 (Capstone Design)	☐ ELEC-4000 (Capstone Design)
	☐ ELEC-4310 (Control Systems II)	☐ ELEC-4320 (EM Waves and Radiating Systems)
	☐ ELEC-4570 (Fundamentals of Digital Signal Processing)	☐ GENG-4210 (Engineering and Society)
	Winter Elective Courses:	**Summer Elective Courses:**
	☐ ELEC-4190 (Digital Communications)	☐ ELEC-4330 (Digital Integrated Circuits)
	☐ ELEC-4350 (Microelectromechanical Systems)	☐ ELEC-4340 (Automotive Electronics)
	☐ ELEC-4360 (Computer Communications)	☐ ELEC-4390 (Multimedia Systems)
	☐ ELEC-4370 (Intelligent Computing)	☐ ELEC-4400 (Wireless Communications)
	☐ ELEC-4440 (Analog Integrated Circuit Design)	☐ ELEC-4470 (Computer Networks and Security)
	☐ ELEC-4450 (Power Electronics)	☐ ELEC-4480 (Digital Computer Architecture)
	☐ ELEC-4490 (Sensors and Vision Systems)	☐ ELEC-4600 (Power Systems II)
	☐ ELEC-4500 (Power Systems I)	