

CE: Technical Electives offered by ECE in 2026-2027

Fall 2026		Winter 2027	
ELEC 343	Linear Control Systems	ELEC 224	Cont.-Time Signals & Systems
ELEC 376	S/W Development Methodology	ELEC 372	Numerical Methods and Optimization
ELEC 425	Machine Learning and Deep Learning	ELEC 408	Biomedical Signal and Image Processing
ELEC 431	Power Electronics	ELEC 451	Digital Integrated Circuit Engineering
ELEC 446	Autonomous Mobile Robotics	ELEC 470	Computer System Architecture
ELEC 471	Safety Critical Software Engineering	ELEC 472	AI
ELEC 473	Cryptography and Network Security	ELEC 477	Distributed Systems
ELEC 475	Computer Vision with Deep Learning	MREN 348	Intro to Robotics
SOFT 437	Performance Analysis		

CE: Technical Electives offered by the Queen's Computing

Fall 2026		Winter 2027	
CMPE 204	Logic for Computing Science	CMPE 204	Logic for Computing Science
CMPE 223	Software Specifications (Opt. Core)	CMPE 223	Software Specifications (Opt. Core)
CMPE 227	S/W Requirements & Quality Assurance	CMPE 322	Software Architecture
CMPE 328	Formal Specific. & Analysis in S/W Eng	CMPE 325	Human-Computer Interaction
CMPE 330	Health AI: Image-Guided Interventions	CMPE 332	Database Management Systems
CMPE 457	Image Processing & Comp. Vision	CMPE 351	Advanced Data Analytics
		CMPE 454	Comp. Graphics
		CMPE 472	Health AI: 2D and 3D Image Analysis