Bachelor of Science in Electronic Engineering Technology (BEET) 2011/12

Year	Fall 2011					Spring 2012					Summer 2012				
Freshman	Course		R	L	C	Course		R	L	C					
	ELEC1000	Introduction to Engineering & Technology	2	4	4	COMP1099	Computer Science I Using C	3	2	4					
	ELEC1100	Circuit Theory I	3	2	4	ELEC1600	Electronic Design I	1	4	3					
	ENGL1100	English I	4	0	4	ELEC1500	Circuit Theory II	3	2	4					
	MATH1000	College Math 1	4	0	4	ENGL2200	English II	3	0	3					
						MATH1500	Pre-Calculus	4	0	4					
			Total:		16			Total:		18					
Year	Fall 2012					Spring 2013					Summer 2013				
Sophomore	Course		R	L	C	Course		R	L	C	Optional Co-op Work Term COOP3000				
	ELEC2000	Semiconductor Devices	3	2	4	ELEC2600	Digital Applications	3	2	4					
	ELEC2100	Logic Circuits	3	2	4	ELEC2700	Integrated Circuits with App.	3	2	4					
	ELECTIVE	Sophomore Social Science	3	0	3	ELECTIVE	Sophomore Social Science	3	0	3					
	MATH1700	Calculus I	4	0	4	MATH1800	Calculus II	4	0	4					
	PHYS1000	College Physics I	3	2	4	PHYS1500	College Physics II	3	2	4					
			Total:		19			Total:		19					
Year	Fall 2013					Spring 2014					Summer 2014				
Junior	Course		R	L	C	Co-op Work Term I COOP3500					Course		R	L	C
	COMM3120	Technical Communications	3	0	3						ELEC3450	Microcontrollers and Embedded Computer Systems	3	2	4
	ELEC3000	Object Oriented Programming for Electronics	3	2	4						ELEC3950	Advanced Sensors and Interfacing Systems	3	2	4
	ELEC3300	Electric Machines and Transformers	3	2	4						ELEC3675	Linear Network Analysis	3	2	4
	ELECTIVE	Technical Elective	3	0	3						ELEC3775	Discrete Signals and Systems	3	2	4
	MATH2000	Calculus III	4	0	4										
			Total:		18								Total:		16
Year	Fall 2014					Spring 2015					Summer 2015				
Senior	Co-op Work Term II COOP4500					Course		R	L	C	Course		R	L	C
						ELEC4000	Digital Signal Processing	3	2	4	ELEC4350	Feedback Control Systems	3	2	4
						ELEC4100	Electromagnetics	3	2	4	ELEC4450	Digital Communication Systems	3	2	4
						ELEC4500	Senior Design Project I	1	4	3	ELEC5500	Senior Design Project II	1	4	3
						ELECTIVE	Humanities or Social Science	4	0	4	ELECTIVE	Humanities or Social Science	4	0	4
						ELECTIVE	Humanities or Social Science	4	0	4					
								Total:		19			Total:		15
															Total: 140

To complete the Humanities and Social Science graduation requirement, students must take at least: one course in Humanities and one course in the Social Sciences. The remaining courses may be from either Humanities or Social Sciences category.