

## Bachelor of Science in Electronic Engineering Technology (BEET) 2012/13

Year	Fall 2012				Spring 2013				Summer 2013				
Freshman	Course		R	L	C	Course		R	L	C	Optional Co-op Work Term COOP3000		
	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 2013				Spring 2014				Summer 2014				
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 2014				Spring 2015				Summer 2015				
Junior	Course		R	L	C	Course		R	L	C	Co-op Work Term I COOP3500		
	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							
Year	Fall 2015				Spring 2016				Summer 2016				
Senior	Course		R	L	C	Course		R	L	C	Co-op Work Term II COOP4500		
	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.