

Sample Plan of Study

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Electrical Engineering Technology (EET)

Freshman Year

Semester 1				Semester 2			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ET 106	Introduction to Engineering Technology	3	None	ENG 200	Programming Applications for Engineering	3	ET 106 or ET 131
ECET 107	Introduction to Circuit Analysis I + LAB	4	ConP: MA 159 or MA165	ECET 111	Introduction to Digital System Design I	4	CPET101, or ECET 107 or ECET201, ConP: MA 159 or MA 165
MA 159	Precalculus	5	None	ECET 152	Electric Circuits II	4	ENGL 100
ENGL 100	English for Academic studies	3	None	ENGL 106	English Composition	3	None
				GEE	General Education Elective	3	
Semester Credits = 15				Semester Credits = 17			

Sophomore Year

Semester 3				Semester 4			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ECET 204	Analog Electronics II	4	ECET 152 or ECET 207 or ECET 202, MA 159 or MA165	ECET 231	Electrical Power Control +LAB	4	ECET 204, or ECET 255 MA 227 or MA 165
ECET 209	Microprocessor Systems and Interfacing	4	ECET 111, ConP: ENG 200	PHYS 218	Modern Mechanics	4	Pre: MA 159 or MA 161 or MA 223 or ConP: MA 165 or MA 227
MAT 227	Calculus for Technology I	4	Pre: Placement Test or MA 158 or MA 159 or MAT 110	ECET 297	Electronic system Design +LAB	3	ECET 204 or ECET 255 and ECET 208
GEE	General Education Elective	4		COM114	Fundamentals of Speech Communication	3	ENGL 100
				GEE	General Education Elective	3	
Semester Credits = 16				Semester Credits = 17			

Total Credits = 65

The sample plan of study is designed for a full time student within an ordinary graduation period between two and three years.

Electrical Engineering Technology (EET)

Freshman Year

Semester 1				Semester 2			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ET 131	Transforming Ideas to Innovations I	2	None	ENG 200	Programming Applications for Engineering	3	ET 106 or ET 131
ECET 201	Linear Circuit Analysis I	3	ConP: MA 165 or MA 227	ECET 111	Introduction to Digital System Design I	4	None
ECET 200	Electronic Measurement Techniques Lab	1	ConP: ECET 201	ECET 202	Linear Circuits Analysis II	3	ECET 201 or CPET 101 or ECET 107 , ConP: MA 165 or MA 227
				ECET 203	Linear Circuits Analysis II Lab	1	ECET 200 or CPET 101 or ECET 107, ConP: ECET 202
ENGL 100	English for Academic studies	3	None	ENGL 107	First Year Composition	4	ENGL 100
MA 165	Analytic Geometry and Calculus I	4	Pre: Placement Test or Pre: MA 158, or MAT 110 or MA 159	GEE	General Education Elective	3	
GEE	General Education Elective	1					
Semester Credits = 14				Semester Credits = 18			

Sophomore Year

Semester 3				Semester 4			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ECET 255	Introduction to Electronic Analysis and Design	3	ECET 201 or CPET 101 or ECET 107 , ConP: MA 165 or MA 227	ECET 321	Electromechanical Motion Devices	3	ECET 202 or ECET 152
ECET 208	Electronic Devices and Design Laboratory	1	ECET 200, or CPET 101 or ECET 107, ConP: ECET 255	ECET 323	Electromechanical Motion Devices and Systems Laboratory	1	ConP: ECET 321
ECET 209	Microprocessor Systems and Interfacing	4	ECET 111, ConP: ENG 200	PHYS 218	Modern Mechanics	4	Pre: MA 159 or MA 161 or MA 223 or ConP: MA 165 or MA 227
MA 166	Analytic Geometry and Calculus II	4	MA 165 or MA 227	ECET 297	Electronic system Design +LAB	3	ECET 204 or ECET 255 and ECET 208
GEE	General Education Elective	4		COM114	Fundamentals of Speech Communication	3	ENGL 100
				GEE	General Education Elective	3	
Semester Credits = 16				Semester Credits = 17			

Total Credits = 65

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