Work Sheet - Electrical Engineering Technology (EET)

Diploma Degree in Electrical Engineering Technology (65 Credit Hours) - Work Sheet

Minimum Technology Core Requirements (32 - 33 credits)

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
Linear Circuits Analysis (8 credits):							
☐	**ECET 107**	Introduction to Circuit Analysis I+ Lab	4	ConP: MA 159 or MA 165			
or							
☐	**ECET 201**	Linear Circuit Analysis I	3	ConP: MA 165 or MA 227			
☐	**ECET 200**	Electronic Measurement Techniques Lab	1	ConP: ECET 201			
and							
☐	**ECET 152**	Electric Circuits II	4	Pre: CPET 101, or ECET 107 or ECET 201 ConP: MA 159 or MA 165			
or							
☐	**ECET 207**	AC Electronic Circuit Analysis + Lab	4	Pre: CPET 101 or ECET 107, or ECET 201 ConP: MA 159 or MA 165			
or							
☐	**ECET 202**	Linear Circuits Analysis II	3	Pre: CPET 101, or ECET 107 or ECET 201 ConP: MA 165, or MA 227			
☐	**ECET 203**	Linear Circuits Analysis II Lab	1	Pre: ECET 200 or CPET 101 or ECET 107, ConP: ECET 202			
Electronic Circuits Analysis(4 credits):							
☐	**ECET 204**	Analog Electronics II	4	Pre: ECET 152 or ECET 207, or ECET 202 MA 159, or MA 165			
or							
☐	**ECET 255**	Introduction to Electronic Analysis and Design	3	Pre: CPET 101 or ECET 107 or ECET 201 ConP: MA 165 or MA 227			
☐	**ECET 208**	Electronic Devices and Design Laboratory	1	Pre: ECET 200, or CPET 101 or ECET 107, ConP: ECET 255			

Digital Logic Circuits (4 credits):							
☐	**ECET 111**	Introduction to Digital System Design I	4	None			
Microcontrollers and System Interfacing (4 credits):							
☐	**ECET 209**	Microprocessor Systems and Interfacing	4	Pre: ECET 111 , ConP: ENG 200			
Electric Power Control (4 credits):							
☐	**ECET 231**	Electrical Power Control + Lab	4	Pre: ECET 204 or ECET 255 and, MA 227 or MA 165			
or							
☐	**ECET 321**	Electromechanical Motion Devices	3	Pre: ECET 152, or ECET 202			
☐	**ECET 323**	Electromechanical Motion Devices and Systems Laboratory	1	ConP: ECET 321			
Computer Programming Fundamentals(3 credits):							
☐	**ENG 200**	Programming Applications for Engineering	3	Pre: ET 106 or ET 131			
Engineering Technology Project (3 credits):							
☐	**ECET 297**	Electronic system Design + Lab	3	Pre: ECET 204 or ECET 255 and ECET 208			
Engineering Technology Foundation (2-3 credits):							
☐	**ET 131**	Transforming Ideas to Innovations I	2	None			
or							
☐	**ET 106**	Introduction to Engineering Technology	3	None			

Technology Core Req. Credits Planned (32-33) : _____ Credits Completed: _____ Credits Remaining: _____

Mathematics and Science Requirements (12 - 13 credits)

Quantitative Reasoning (8 – 9 credits):

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
☐	**MA 159**	Precalculus	5	None			
☐	**MA 227**	Calculus for Technology I	4	Pre: Placement Test or MA 158 or MA 159 or MAT 110			
or							
☐	**MA 165**	Analytic Geometry and Calculus I	4	Pre: Placement Test or Pre: MA 158, or MAT 110 or MA 159			
☐	**MA 166**	Analytic Geometry and Calculus II	4	Pre: MA 165 or MA 227			

Quantitative Reasoning Credits Planned: _____ Credits Completed: _____ Credits Remaining: _____

Scientific Ways of Knowing (4 credits):

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
☐	**PHYS 218**	Modern Mechanics	4	Pre: MA 159 or MA 161 or MA 223 or ConP: MA 165 or MA 227			
or							
☐	**CHM 115**	General Chemistry I	4	ConP: MA 159 MA 165 or MA 227			

Scientific Ways of Knowing Credits Planned: _____ Credits Completed: _____ Credits Remaining: _____

Liberal Arts Requirements (19-21 credits)

English Language and Communications Skills (9 – 10 credits):

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
☐	**ENGL 100**	English for Academic Studies	3	None			
☐	**COM 114**	Fundamentals of Speech Communication	3	Pre: ENGL 100			
and							
☐	**ENGL 107**	First Year Composition	4	Pre: ENGL 100			
or							
☐	**ENGL 106**	English Composition	3	Pre: ENGL 100			

General Education Electives (10 - 12 credits):

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
☐							
☐							
☐							
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Liberal Arts Credits Planned: _____ Credits Completed: _____ Credits Remaining: _____

Total Credits Required for Degree: 65 **Total Credits Planned: _____** **Total Credits Completed: _____** **Total Credits Remaining: _____**