Work Sheet Electrical Engineering Technology (EET)

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

Minimum Technology Core Requirements (32 credits)

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
Linear Circuits Analysis (8 credits):							
☐	**ECET 201**	Linear Circuit Analysis I	3	ConP: MA 165			
☐	**ECET 200**	Electronic Measurement Techniques Lab	1	ConP: ECET 201			
☐	**ECET 202**	Linear Circuits Analysis II	3	ECET 201, ConP: MA 165			
☐	**ECET 203**	Linear Circuits Analysis II Lab	1	ECET 200, ConP: ECET 202			
Electronic Circuits Analysis (4 credits):							
☐	**ECET 255**	Introduction to Electronic Analysis and Design	3	ECET 201, ConP: MA 165			
☐	**ECET 208**	Electronic Devices and Design Laboratory	1	ECET 200, 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	ECET 111, ConP: ENG 200			
Electric Power Control (4 credits):							
☐	**ECET 321**	Electromechanical Motion Devices	3	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	ET 131			
Engineering Technology Project (3 credits):							
☐	**ECET 297**	Electronic system Design + Lab	3	ECET 255 and ECET 208			
Engineering Technology Foundation (2 credits):							
☐	**ET 131**	Transforming Ideas to Innovations I	2	None			

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

Mathematics and Science Requirements (12 credits)

Quantitative Reasoning (8 credits):

	Course Code	Course Title	CR	Pre-Req, ConP	Other Information	Term	Comments
☐	**MA 165**	Analytic Geometry and Calculus I	4	Placement Test or MA 158			
☐	**MA 166**	Analytic Geometry and Calculus II	4	MA 165			

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	MA 161 or MA 223 or ConP: MA 165			
or							
☐	**CHM 115**	General Chemistry I	4	ConP: MA 165			

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

Liberal Arts Requirements (21 credits)

English Language and Communications Skills (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	ENGL 100			
☐	**ENGL 107**	First Year Composition	4	ENGL 100			

General Education Electives (11 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: _____

DISCLAIMER: The number of credits required for Liberal Arts Requirements may differ for students who decide to switch their major. It is ultimately the student's duty to confirm all academic requirements are addressed.

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