



ELECTRO-MECHANICAL TECHNOLOGY (EM-TECH) CERTIFICATE

(42 Quarter Credits)
2023-2024

Program Prerequisites:

- MTH 65 Beginning Algebra (4 credits) completed with a “B” or better, or equivalent placement
- IRW 115 Critical Reading and Writing (5 credits) or WR 115 Introduction to Expository Writing (4 credits) or equivalent placement

Coursework:

Course Number	Course Title	Prereqs	Credits
First Term			15
EET 111	Electrical Circuit Analysis 1	MTH 65 (with “B” or better), IRW 115 or WR 115, or place	5
MEC 123	Industrial Mechanical Systems	IRW 115 or WR 115 or place; place into MTH 65 or MTH 98	5
SAF 188	Industrial Safety and OSHA 10	none	1
WR 121 or WR 121Z	Composition I	IRW 115 or WR 115 or place	4
Second Term			14
EET 112	Electrical Circuit Analysis 2	EET 111	5
EET 180	Industrial Computing	MTH 65 or place	3
MEC 120	Hydraulics and Pneumatics	MTH 65 or place	5
CG 209	Job Finding Skills	none	1
Third Term			13
EET 113	Electrical Circuit Analysis 3	EET 112 or dept approval	5
EET 141	Motor Control	EET 112	5
MEC 124	Mechatronic Systems in Advanced Manufacturing	IRW 115 or WR 115, MTH 65, or place	3
Total Quarter Credits			42



This form is intended for advising purposes only. See your declared catalog for a complete list of degree requirements.

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