

Industrial Equipment Maintenance Diploma Courses

Award	Diploma
Credits	32
Program Start	Fall
Time to Complete	9 months

2024–2025 Suggested Sequence of Study

The following suggested sequence of study is for new full-time students starting the program Fall 2024. Part-time students should visit with a program advisor for a modified sequence of study.

When registering for classes refer to Self-Service > Student Planning to view your specific program requirements, your progress, and ensure proper registration.

Courses are subject to change.

◆	General education course.
▣	Non-transfer general education course.
▶	Course has a prerequisite and/or corequisite.
O	Course meets 100% online.
E	Course meets face-to-face after 5:00pm.
8WK1	Course meets the first 8 weeks of the term.
8WK2	Course meets the second 8 weeks of the term.

Term 1

ELT-139	Electrical Systems ▶	8WK1	3
EGT-140	Fluid Power	8WK2	2
ELT-239	Advanced Electrical Systems ▶	8WK2	3
ELT-315	Digital Logic for Industrial Applications ▶	OR	2
EGT-420	PLTW - Digital Electronics		3
IND-111	Industrial Safety Mechanical Systems		1
IND-153	Industrial Mechanics		3
MAT-772	Applied Math OR		3
	Math Elective		3
			Total Credits 17

Term 2

ELT-215	Motors and Controls ▶	8WK1	2
ELT-736	Instrumentation and Control ▶	8WK1	2
ELT-234	PLC Programming ▶	8WK2	2
WEL-339	Electromechanical Maintenance	8WK2	3
EGT-149	Fluid Power Systems II ▶		3
MFG-193	Machine Shop Processes		3
			Total Credits 15

Math Electives

MAT-102	Intermediate Algebra ▶		4
MAT-110	Math for Liberal Arts ▶		3
MAT-121	College Algebra ▶		4
MAT-128	Precalculus ▶		4
MAT-134	Trigonometry and Analytic Geometry ▶		3
MAT-156	Statistics ▶		3
MAT-210	Calculus I ▶		4