

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