



Manufacturing Maintenance • Certificate On-Campus

Semester Course Outline • 2026 – 2027

9 Months (2 Semesters) • Revised: 4/17/26
Credits Required for Certificate: 17

Fall Semester

Course Number	Course Title	Clock Hours	Credits
EO 103	Fundamentals of Maintenance Operations	84	3
ET 105	OSHA/Safety, Torque Certifications, Valves, and Lifts	56	2
ET 150	Mechanical Systems	56	2
WLD 232	Welding Process	56	2
Total		252	9

Spring Semester

Course Number	Course Title	Clock Hours	Credits
EO 110	Fundamentals Thermodynamics	84	3
ET 185	Fluid Power	56	2
CSC 102	Window Applications for Technicians	45	3
Total		185	8