The Associate of Applied Science in Industrial Mechanics and Maintenance Technology (IMMT) program is designed for students who seek jobs in industrial maintenance in a variety of industry sectors. The program provides the opportunity to develop skills in many areas including electrical, troubleshooting, maintenance planning, programmable logic control systems, blueprint reading, and welding. Employment opportunities include industrial machinery mechanics, industrial maintenance technicians, millwrights, and wind turbine service technicians.

Recommended Course Sequence

General Education/Core Curriculum Courses	Credits	Suggested Semester
ENGL 1301* Composition I	3	Fall/Year 1
MATH 1332* Contemporary Mathematics	3	Spring/Year 1
XXXX X3XX† Social and Behavioral Sciences Elective	3	Fall/Year 2
SPCH 1315 Public Speaking OR	3	Spring/Year 2
SPCH 1318 Interpersonal Communication		
XXXX X3XX† Creative Arts Elective	3	Spring/Year 2
Program Courses	**Credits**	**Suggested Semester**
CETT 1302* Electricity Principles	3	Fall/Year 1
INMT 1305* Introduction to Industrial Maintenance	3	Fall/Year 1
DFTG 1325* Blueprint Reading and Sketching	3	Fall/Year 1
ELPT 1301* National Electrical Code I	3	Fall/Year 1
HART 1303* Air Conditioning Control Principles	3	Spring/Year 1
ELMT 1305* Basic Fluid Power	3	Spring/Year 1
WLDG 1307* Introduction to Welding Using Multiple Processes	3	Spring/Year 1
INTC 1341* Principles of Automatic Control	3	Spring/Year 1
ELMT 1301* Programmable Logic Controllers	3	Fall/Year 2
ELPT 1341* Motor Control	3	Fall/Year 2
HYDR 1345* Hydraulics and Pneumatics	3	Fall/Year 2
INMT 2301* Machinery Installation	3	Fall/Year 2
PFPB 2308* Piping Standards and Materials	3	Spring/Year 2
ELMT 2339* Advanced Programmable Logic Controllers	3	Spring/Year 2
INMT 2345* Industrial Troubleshooting	3	Spring/Year 2
Total Credit Hours for Graduation	**60**	

*Grade of "C" or better is required for graduation.
†Students may take any course within this category of the TSC General Education Core Curriculum.

Program Student Learning Outcomes

Program Student Learning Outcomes (PSLO) are statements that specify what students will know, be able to do or be able to demonstrate when they have completed the program.

This information is provided as an example only. You will develop a personalized plan with your Success Coach and faculty advisor/mentor that reflects your goals and interests. You are required to meet with an advisor each semester to ensure you are on track for graduation. This document does not contain all the information you need to stay on track for graduation.