



Industrial Mechanics and Maintenance Technology Associate of Applied Science

AAS.IMMT
2023-2024

Texas Southmost College
Division of Business, Engineering, Architecture, and Technology

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

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

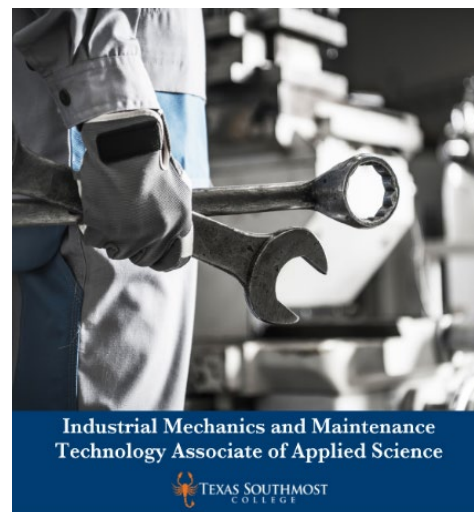
Check course core designation at the [Class Availability website](#).

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.

*Grade of "C" or better is required for graduation.

†Students may take any course within this category of the TSC General Education Core Curriculum.

‡This is a capstone course.



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.

1. Pending