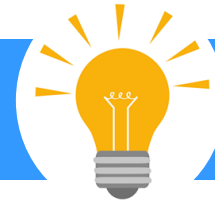


MAINTENANCE TECHNICIAN



CERTIFICATES

(TSI-Waived Program)

The Maintenance Technician Certificate program is design for a student to complete both level I and II within one year. This program is designed for a student to be proficient in the installation, troubleshooting, repair, and maintenance of equipment commonly used in the industrial fields. An emphasis is placed on electric motors, transformers, and basic circuits as well basic mechanical knowledge including alignment and the proper use of hand tools. Students will also have an introduction to welding, HVAC, and blueprint reading while being required to practice industry regulated safety practices and following all OSHA requirements.

Academic advisor: Daniel Hall, (936) 591-9075, dhall@panola.edu

SEMESTER I – CERTIFICATE 1

_____	DEMR 1316	Basic Hydraulics	3
_____	EDUC 1100/ PSYC 1100	Learning Framework	1
_____	ELPT 1311	Basic Electrical Theory	3
_____	ELPT 1341	Motor Control	3
_____	INMT 2303	Pumps, Compressors & Mechanical Drives	3
_____	OSHT 1220	Energy Industrial Safety	2
_____	PTRT 1270	Energy Sector Math & Computer Skills	2

TOTAL HOURS = 17

SEMESTER II – CERTIFICATE 2

_____	DFTG 1325	Blueprint Reading & Sketching	3
_____	ELMT 1301	Programmable Logic Controllers	3
_____	ELPT 1345	Commercial Wiring	3
_____	ELPT 2305	Motors and Transformers	3
_____	HART 1307	Refrigeration Principles	3
_____	WLDG 1200	Introduction to Welding	2

TOTAL HOURS = 17

Click [here](#) to view career details (pay, job outlook, work environment, etc.)