

INDUSTRIAL MAINTENANCE, CERTIFICATE

The industrial maintenance technology certificate is designed to create fundamental skillsets needed in the industrial maintenance industry. Students will develop electrical, mechanical, life safety, instrumentation, and automation knowledge.

Degree Requirements

Field of Study Code: APTEC.CER.INDMNT

Code	Title	Credits
APTEC 1110	Introduction to Industrial Maintenance	3
HVACR 1110	Introduction to Electricity and HVACR Controls	3
WELD 1100	Welding I	3
MANUF 1151	Machine Shop I	3
ELMEC 1141	Hydraulics and Pneumatics	3
HVACR 2110	Facility Electrical Systems	3
ELMEC 1190	Intro to Programmable Logic Controllers	3
HVACR 2242	Mechanical Systems	3
APTEC 2220	Industrial Operations and Instrumentation Systems	3
or HVACR 2187	Central Heating Plants	
or HVACR 2236	Central Cooling Plants	
Program Electives		3
	Select 3 Credits	
APTEC 1001	Survey of Technical Education	
WELD 1142	Gas Tungsten Arc Welding (GTAW)	
MANUF 1153	Advanced Machine Processes	
ELMEC 2410	Programmable Controller II (PLC II)	
Total Credits		30