

University of Arkansas
East Arkansas Community College
Technical Certificate in Industrial Equipment Technology

By choosing to pursue Industrial Equipment Technology, you will be able to solve most of the technical and industrial problems experienced by today's industries. UA-EACC's IET program will give you the background and skills necessary to troubleshoot, repair, and maintain electrical, mechanical, hydraulic, and pneumatic equipment used in a manufacturing or facilities environment. Entry-level positions in industrial maintenance and manufacturing jobs include: Industrial Electrician, Industrial Machinery Mechanic, Installation Technician, Industrial Technician, and Building Maintenance Mechanic.

I. Term I	Credit Hours	Semester	Year	Grade
ENG 1033 Communication Skills I -or- Higher	3			
IET 1202 Application Lab I	2			
IET 1112 Robotics and Controllers	2			
IET 1302 Fundamentals of Small Gas Engines	2			
IET 1402 Basic Electricity for I.E.T.	2			
IET 1503 Fundamentals of Mechanics I	3			
Total Semester Hours	14			
II. Term II	Credit Hours	Semester	Year	Grade
MTH 1083 Technical Mathematics -or- Higher	3			
IET 2302 Application Lab II	2			
IET 2503 Fundamentals of Mechanics II	3			
IET 2602 Industrial Electricity	2			
IET 2702 Industrial Wiring Methods	2			
IET 2801 Mechanics	1			
Total Semester Hours	13			
III. Term III	Credit Hours	Semester	Year	Grade
IET 2001 Basic Welding	1			
IET 2103 Fluid Power	3			
IET 2901 Machine Shop	1			
Total Semester Hours	5			
Total Certificate Hours	32			