

## 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. 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.

<b>I. Term I</b>	<b>Credit Hours</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
ENG 1033 Communication Skills I -or- Higher	3			
IET 1202 Application Lab I	2			
IET 1102 Blueprint Reading for I.E.T.	2			
IET 1302 Fundamentals of Small Gas Engines	2			
IET 1402 Basic Electricity for I.E.T.	2			
IET 1502 Fundamentals of Mechanics I	2			
SFT 1081 Introduction to Industrial Safety	1			
Semester Hours	14			
<b>II. Term II</b>	<b>Credit Hours</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
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			
Semester Hours	13			
<b>III. Summer Term</b>	<b>Credit Hours</b>	<b>Semester</b>	<b>Year</b>	<b>Grade</b>
IET 2901 Machine Shop	1			
IET 2001 Basic Welding	1			
IET 2103 Fluid Power	3			
Semester Hours	5			
<b>TOTAL DEGREE CREDIT HOURS</b>	<b>32</b>			