Industrial Maintenance has become a highly technical field requiring skill sets in a variety of technologies. Plant Maintenance Technicians are responsible for maintaining and repairing equipment and controls common in many plants today. It's a very challenging and rewarding career and is typically at the top of the pay scale within plants.

The Industrial Maintenance Technologies Level I & II Certificates are stackable and embedded within the Associate in Applied Science Degree in Industrial Maintenance Technologies. The certificates produce skilled maintenance technicians who can safely, efficiently and competently work on electrical and mechanical systems in a variety of industrial environments.

INDUSTRIAL MAINTENANCE TECHNOLOGIES CERTIFICATE LEVEL I - 21 CREDIT HOURS

COURSES & REQUIREMENTS

TECHNICAL: 15 credit hours
SEIM 1103 Fundamentals of Industrial Maintenance
SEIM 1123 DC/AC Circuit Analysis
SEPM 1113 Fluid Power Fundamentals
SEPM 1223 Mechanical Systems & Equipment
SEIM 2433 Motors & Controls

MATHEMATICS: 3 credit hours
MATH 2003 Business Math or
MATH 1513 College Algebra or
MATH 1223 Applied Technical Mathematics

COMPUTER LITERACY: 3 credit hours
CS 1013 Computer Literacy & Applications

INDUSTRIAL MAINTENANCE TECHNOLOGIES CERTIFICATE LEVEL II - 21 CREDIT HOURS

COURSES & REQUIREMENTS

TECHNICAL: 9 credit hours
SEPM 1213 Basic Refrigeration
SEIM 2423 Electronic Control Devices
SEIM 2513 Programmable Logic Controllers (PLCs)

APPROVED TECHNICAL ELECTIVES: 6 credit hours
ETDM 1153 Introduction to Manufacturing or
ETDE 1333 Industrial Electrical Systems or
SEPP 1123 Introduction to Power Plants or
SEPP 1133 Piping & Instrument Diagrams or
SEPP 1213 Boilers

ENGLISH: 3 credit hours
ENGL 1033 Technical Writing or
ENGL 1113 Freshman Comp II

BUSINESS: 3 credit hours
BADM 1113 Introduction to Business

OKLAHOMA'S ONLY UNIVERSITY OF APPLIED TECHNOLOGY