

# CERTIFICATE

## Industrial Maintenance Technician

This certificate prepares students to enter a career in industrial maintenance with a skill set that will provide entry level knowledge of basic construction, welding, print reading, and industrial electricity. The electrical courses will include the use of electrical testing devices, troubleshooting techniques, and programmable logic controllers.

Students must earn a minimum\* of 26 hours for this certificate.

<b>Orientation</b>		<b>1 hour</b>	
COLL	101	College Orientation	
<b>Major Courses</b>		<b>10 hours</b>	
AMT	102	Introduction to Industrial Electricity* (3)	
AMT	104	Electrical Motor Control* (3)	
AMT	111	Introduction to Industrial Safety (1)	
AMT	204	Programmable Controllers I* (3)	
<b>Support Courses</b>		<b>9 hours</b>	
BSAD	125	Business Computer Applications (3)	
DRFT	101	Introduction to Engineering Drawing (3)	
WELD	113	Introduction to Welding (3)	
<b>Approved Electives</b>		<b>6 hours</b>	
AMT	122	Basic Machining * (3)	
AMT	132	Industrial Hydraulics * (3)	
AMT	142	Mechanical Power Transmission * (3)	
AMT	206	Programmable Controllers II * (3)	
CONS	132	Plumbing I * (3)	
CONS	134	Plumbing II * (3)	
CONS	155	Basic HVAC * (3)	
WELD	145	Gas Metal Arc Welding (GMAW/MIG)* (3)	
WELD	150	Gas Tungsten Arc Welding (GTAW/TIG)* (3)	
WELD	155	Shielded Metal Arc Welding (SMAW)* (3)	

\*Prerequisite courses or equivalent placement exam scores required.