

## INDUSTRIAL MAINTENANCE MECHANIC Associate of Applied Science

This program is designed to prepare students for positions as maintenance mechanics, maintenance technicians, and operations technicians of power generation, mining, natural gas, refinery, semiconductor, photochemical, and pharmaceutical processes. Students will gain hands-on experience and training on the following equipment and systems: pump rebuilding, pump alignment, fabrication, hydraulics, vibration analysis, rigging, measurement tools, piping systems, lubrication, mechanical drives and welding.

Note: A student must earn a grade of C or higher for courses to count towards a degree.

<b>1st Semester</b>		<b>Credits</b>
IPOP 110	Introduction to Process Technology	4
IPOP 130	Safety, Health, and Environmental	4
IPOP 133	Process Technology I Equipment	4
MATH 113	Math for Technical Careers	3
ENGL 118	Technical Composition	3
	<b>Total</b>	<b>18</b>
<b>2nd Semester</b>		<b>Credits</b>
IPOP 135	Maintenance Overview for Operators	4
IPOP 160	Introduction to Instrumentation	4
IPOP 165	Process Technology II Systems	4
COSC 125	Business Microcomputer Applications	3
ENGL 218	Advanced Technical Composition	3
	<b>Total</b>	<b>18</b>
<b>3rd Semester</b>		<b>Credits</b>
MECH 235	Mechanical Drives 1	4
MECH 236	Lubrication	1
MECH 237	Hydraulics 1	2
MECH 261	Pumps 1	4
MECH 262	Piping Systems	2
COMM 111	Interpersonal Communication	3
PHYS 111	Introduction to Physics	4
	<b>Total</b>	<b>20</b>
<b>4th Semester</b>		<b>Credits</b>
MECH 263	Mechanical Drives 2	4
MECH 264	Rigging	2
MECH 265	Hydraulics 2	2
MECH 266	Pumps 2	2
MECH 267	Maintenance Project	2
WELD 111	Basic Welding	2
	Humanities or Social Science Elective	3
	<b>Total</b>	<b>17</b>
<b>Total Credits</b>		<b>73</b>