

## INDUSTRIAL MAINTENANCE MECHANICS TECHNOLOGY

(Two-Year Certificate Program)

Advisor: L. Sonley

Major Code: 410

The Industrial Maintenance Mechanics curriculum is designed to prepare students for entry-level employment as multi-skilled maintenance mechanics. Industrial maintenance mechanics is responsible for assembling, installing, and maintaining/repairing machinery used in the manufacturing process. Students receive basic instruction in a wide variety of areas including machinery installation, maintenance, and troubleshooting/repair; principles of hydraulics and pneumatics; basic welding and cutting operations; basic machining operations; fundamentals of piping and pipefitting; and fundamentals of industrial electricity.

The Industrial Maintenance Mechanics curriculum is designed to be taught as a two-year technical (Associate of Applied Science) degree or two-year vocational certificate program.

### Freshman Year

Fall Semester		Semester Hours	Spring Semester		Semester Hours
IMM 1111	Industrial Safety	1	IMM 1314	Prin. of Hydr/Pne Equip	4
IMM 1122	Indust. Main. Math/Mea.	2	IMM 1415	Pump and Valve Operations	5
IMM 1132	Indust. Main Blue/Read.	2	IMM 1515	Equip. Install/Alignment	5
IMM 1213	Indust. Hand Tools/Mech.	3	ATE 1113	Science and Technology	<u>3</u>
IMM 1224	Power Tolls	4			17
EDU 1311	Orientation	<u>1</u>			
		13			

### Sophomore Year

Fall Semester		Semester Hours	Spring Semester		Semester Hours
IMM 2114	Equip. Main. Trou./Rep	4	IMM 2134	Ind. Weld/Metals	4
IMM 1615	Ind. Piping/Hydra Test	5		*Technical Electives	<u>8</u>
IMM 1813	Industrial Electricity	<u>3</u>			12
		12			