

INDUSTRIAL PLANT MECHANICS

Industrial Mechanics deals with the maintenance and upkeep of an industrial plant and its machines, mechanical equipment and systems. The industrial mechanic must be knowledgeable in blueprint reading, mathematics, hydraulics, pneumatics, machine tools and welding, as well as have considerable mechanical ability to make many different types of repairs, installations or improvements.

Job opportunities include: general plant mechanic, industrial machinery mechanic, machinery repairer, machinery rebuilder, and maintenance mechanic.

Certificate: Industrial Plant Mechanics (CIT.IPM)

Credits Required for Completion: 40

Overall Grade-point average of 2.00 (C=2) on all college work presented to fulfill program requirements.

Complete course work in the following areas:

A. Major Courses: 17 credits		Credits
IMT 102	Industrial Safety	2
IMT 111	Industrial Tools	5
IMT 131	Hydraulics and Pneumatics	4
IMT 161	Mechanical Power Applications	4
WLD102/MTT147	Intro to Welding/Tool & Cutter Grinding	2
B. Other Required Courses: 23 credits		
EEM 115	D.C. Circuits	4
EEM 151	Motor Controls I	4
EGT 106	Print Reading	3
EGT 111	Mechanical Drawing	2
EGT 151	Intro to CAD	3
MTT 121	Machine Tool Theory I	3
MTT 122	Machine Tool Practice I	4