

Industrial Mechanical Systems IMS2

Type

Diploma

The Industrial Mechanical Systems Diploma program provides instruction to prepare students for employment in a variety of positions within the industrial production equipment maintenance field. The program provides learning opportunities that introduce, develop, and reinforce academic and technical knowledge, skills, and attitudes required for job acquisition, retention, and advancement. Additionally, the program provides opportunities to retrain or upgrade present knowledge and skills. Graduates of the program receive an Industrial Mechanical Systems, diploma that qualifies them for employment as an industrial maintenance mechanic.

Basic Skills Core

Item #	Title	Credits
EMPL 1000	Interpersonal Relations & Professional Development	2
ENGL 1010	Fundamentals of English I	3
	MATH 1012 or MATH 1013	3

Occupational Courses

Item #	Title	Credits
IDSY 1020	Print Reading and Problem Solving	3
IDSY 1110	Industrial Motor Controls I	4
IDSY 1160	Mechanical Laws & Principles	4
IDSY 1170	Industrial Mechanics	4
IDSY 1190	Fluid Power Systems	4
IDSY 1195	Pumps and Piping Systems	3
IDSY 1240	Maintenance for Reliability	4
	Occupational Electives (11 hrs)	11

DC Course

* Choose one of the following courses:

Item #	Title	Credits
IDSY 1101	DC Circuit Analysis	3
IDFC 1011	Direct Current I	3

AC Course

* Choose one of the following courses:

Item #	Title	Credits
IDSY 1105	AC Circuit Analysis	3
IDFC 1012	Alternating Current I	3
ELTR 1020	Alternating Current Fundamentals	3
	Minimum Credit Hours for Graduation	51