

IMS2: Industrial Mechanical Systems Diploma (replaces MEH2: Industrial Mechanical Systems in the Quarter System)

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.

Career Opportunities

Graduates are prepared for entry-level employment or career advancement as industrial maintenance mechanics in a wide range of industrial settings.

Credit Required for Graduation: Minimum of 53 credit hours

Curriculum

Program Course	Credits
<i>Basic Skills Courses</i>	
_____ EMPL 1000 Interpersonal Relations and Professional Development	2
_____ ENGL 1010 Fundamentals of English I	3
_____ MATH 1012 Foundations of Mathematics	3
<i>Occupational Courses</i>	
_____ COMP 1000 Introduction to Computers	3
_____ IDSY 1100 Basic Circuit Analysis	5
_____ IDSY 1110 Industrial Motor Controls I	5
_____ IDSY 1160 Mechanical Laws and Principles	5
_____ IDSY 1170 Industrial Mechanics	6
_____ IDSY 1190 Fluid Power and Piping Systems	6
_____ IDSY 1240 Maintenance for Reliability	4
_____ WELD 1330 Metal Welding and Cutting Techniques	2
<i>Occupational Electives (6 credits from the list below)</i>	
_____ IDSY 1150 DC and AC Motors	3
_____ IDSY 1260 Machine Tool for Industrial Repairs	4
_____ IDSY 1020 Print Reading and Problem Solving	3