

Industrial Mechanical Systems

Diploma Program

IMS2

Updated: 9/30/2015
Effective Term: 201614

[Click here to jump to Program Description,
Admissions Requirements, and Financial Aid.](#)

Curriculum

Basic Skills – Total of 8 Hours

ENGL 1010 *Fundamentals of English I* (3)
EMPL 1000 *Interpersonal Relations* (2)

MATH 1012 *Foundations of Mathematics* (3) - OR -
MATH 1013 *Algebraic Concepts* (3)

Program-Specific Core – Total of 32 Hours

IDSY 1020 *Print Reading/Problem Solving* (3)
IDSY 1160 *Mechanical Laws/Principles* (4)

IDFC 1011 *Direct Current I* (3) - OR -
IDSY 1101 *DC Circuit Analysis* (3)

IDSY 1110 *Industrial Motor Controls* (4)
IDSY 1170 *Industrial Mechanics* (4)

IDSY 1190 *Fluid Power Systems* (4)
IDSY 1195 *Pumps & Piping Systems* (3)
IDSY 1240 *Maintenance for Reliability* (4)

ELTR 1020 *Electrical Systems Basics I* (3) - OR -
IDFC 1012 *Alternating Current I* (3) - OR -
IDSY 1105 *AC Circuit Analysis* (3)

Occupational-Related Electives – Choose 11 Hours

Occupational-Related Electives

AIRC 1020 *Refrigeration Sys Components* (4)
IDFC 1007 *Industrial Safety Procedures* (2)
IDSY 1130 *Industrial Wiring* (4)
IDSY 1210 *Industrial Motor Controls II* (4)
IDSY 1260 *Machine Tool/Industrial Repair* (4)

Total: 51 Hours

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:
<http://www.laniertech.edu/GE.aspx>

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Diploma Program

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Program Description

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.

Program Specific Information

Students are accepted every semester based on course and space availability.

Program Length & Availability

3 Semesters

Campus Availability: Oakwood

Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.
(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

Financial Aid

This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid. Contact a Financial Aid Counselor for eligibility requirements and application materials.

[Click here to jump back to Curriculum](#)

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