Sample Graduation Plan

Diploma in Industrial Mechanical Systems

IMS2

Semester One

ENGL 1010	Fundamentals of English I (Pre-Req: Test Scores – See Advisor)	3
EMPL 1000	Interpersonal Relations	2
Choose One:	MATH 1012 Foundations of Math (Pre-Req: Test Scores – See Advisor) or MATH 1013 Algebraic Concepts (Pre-Req: Test Scores – See Advisor)	3
IDSY 1020	Print Reading/Problem Solving (Pre-Req: Regular Admission*)	3
	Total Hours:	**11**

Semester Two

IDSY 1170	Industrial Mechanics	4
IDSY 1101	DC Circuit Analysis	3
IDSY 1190	Fluid Power Systems	4
IDSY 1160	Mechanical Laws/Principles	4
	Total Hours:	**15**

Semester Three

IDSY 1105	AC Circuit Analysis	3
IDSY 1110	Industrial Motor Controls	4
IDSY 1195	Pumps & Piping Systems	3
Click for Option	Occupational-Related Electives	3
	Total Hours:	**13**

Semester Four

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IDSY 1240	Maintenance for Reliability (Pre-Req: IDSY 1170)	4
Click for Option	Occupational-Related Electives	8
	Total Hours:	**12**

This plan is for informational purposes ONLY. It is not a substitute for meeting with a program advisor each term.

Total Program Hours: 51

Occupational-Related Electives

AIRC 1020 *Refrigeration System Components (4)*
(Co-Req: AIRC 1010)
IDFC 1007 *Industrial Safety Procedures (2)*
IDSY 1130 *Industrial Wiring (4)*
IDSY 1210 *Industrial Motor Controls II (4)*
(Co-Req: IDSY 1110)
IDSY 1260 *Machine Tool/Industrial Repair (4)*

*Regular Admission means that a student has met all admissions requirements and that the student does not require any learning support classes. LTC's learning support courses are ENGL 0090, MATH 0090, and READ 0090.

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