Industrial Maintenance Technology Degree

Modern industry depends upon individuals with the knowledge, skills, and abilities necessary to keep production running smoothly and efficiently. Individuals who possess the technical skills necessary to maintain industrial equipment are in high demand and are well compensated. The Associate in Applied Science degree program in Industrial Maintenance Technology (INT) provides students with both theoretical and practical learning experiences which, in turn, provide INT Program graduates with the technical skills necessary for employment in a variety of industrial settings. More specifically, the purposes of the INT Program follow are to enable students to obtain immediate entry to industrial and manufacturing settings locally, statewide, and regionally; to provide the local industrial manufacturing community with highly skilled industrial maintenance technicians that are able to set up, install, maintain, and troubleshoot industrial equipment and systems; and to supplement the supply of skilled workers in the College's service area by offering short-term training opportunities which are components of, or are related to, industrial maintenance technology.

NOTES:

* Curriculum display is subject to change; however, courses will be offered to meet degree requirements.

* Student competence in Oral Communications is accomplished within discipline-specific courses.

Program: Industrial Maintenance Technology
Type: A.A.S.

Area I: Written Composition

Item #	Title	Credits
ENG 101	English Composition I	3

Area II: Humanities and Fine Arts

Item #	Title	Credits
	SPH 106 or SPH 107	3
	Humanities/Fine Arts Elective 3 SH	3

Area III: Natural Sciences and Mathematics

Item #	Title	Credits
MTH 116	Mathematical Applications	3

Area IV: History, Social and Behavioral Sciences

Item #	Title	Credits
PSY 200	General Psychology	3

Area V: Additional General Education Courses, Major Courses and Electives

Item #	Title	Credits
CIS 146	Microcomputer Applications	3
INT 101	DC Fundamentals	3
INT 103	AC Fundamentals	3
INT 104	Principles of Technology	3
INT 112	Industrial Maintenance Safety Procedures	3
INT 113	Industrial Motor Control I	3
INT 117	Principles of Industrial Mechanics	3
INT 118	Fundamentals of Industrial Hydraulics and Pneumatics	3
INT 119	Principles of Mechanical Measurement and Technical Drawing	3
INT 121	Industrial Hydraulics Troubleshooting	3
INT 126	Preventive Maintenance	3
INT 127	Principles of Industrial Pumps and Piping Systems	3
INT 134	Principles of Industrial Maintenance Welding and Metal Cutting Techniques	3
INT 158	Industrial Wiring I	3
INT 213	Industrial Motor Control II	3
INT 284	Applied Principles of Programmable Control	3
INT 288	Advanced Principles of Programmable Control	3
ORI 101	Orientation to College	2
	Total credits:	**68**