



Industrial Maintenance Technology (INMT)

(Offered at Kilgore College -- Longview)

The Industrial Maintenance Technology Program prepares students for careers in large manufacturing companies as industrial machinery and maintenance technicians. Industrial maintenance technicians keep machinery and equipment in the plant up and running so that production can continue. The program consists of an associate of applied science degree and two certificates.

First Year

First Semester

Course	Semester Hours
INMT 1305 Introduction to Industrial Maintenance	3
ENTC 1347 Safety and Ergonomics	3
HYDR 1301 Rigging & Conveying Systems	3
MCHN 1343 Machine Shop Mathematics	3
ENGL 1301 Composition I	3
	15

Second Semester

Course	Semester Hours
PFPB 2308 Piping Standards and Materials	3
ELPT 1311 Basic Electrical Theory	3
INMT 1355 Industrial Power Plant Systems	3
PFPB 1305 Basic Blueprint Reading for Pipefitters	3
MATH MATH 1332 or MATH 1342 or higher	3
	15

First Summer Semester

Course	Semester Hours
INMT 1380 Cooperative Education	3
	3

Fourth Semester

Course	Semester Hours
PFPB 2307 Pipe Fabrication and Installation 1	3
HYDR 1345 Hydraulics & Pneumatics	3
INMT 2301 Machinery Installation	3
INMT 2303 Pumps, Compressors, & Mechanical Drives	3
..... Social or Behavioral Science Elective	3
	15

Fifth Semester

Course	Semester Hours
ELPT 2319 Programmable Logic Controllers	3
INMT 2345 Industrial Troubleshooting	3
..... Humanities or Fine Arts Elective	3
..... General Education Elective (see composite list of Gen. Ed. courses)	3
	12
	Total Hours 60

+ Course of study identification number.

** Capstone Experience

Note: A student who completes the required courses with an overall average of C may receive an associate of applied science degree.