



## Industrial Maintenance Technology +7421

*(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	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		
PFPB 2307	Pipe Fabrication and Installation I	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		
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
		<b>Total Hours 60</b>

+ 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.