



CATALOG YEAR: 2021-2022 INDUSTRIAL MAINTENANCE TECHNOLOGY

FIRST SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS	
Core Industry Safety	CORE	1003	3	
Blueprint Reading I	IMMT	1120	3	
Material Handling/Rigging	IMMT	1143	2	
Millwright I	MWRT	1310	3	
College Algebra (AAS Only)	MATH	1100	3	
SEMESTER CREDIT HOURS			TD 11	AAS 14

SECOND SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS	
English Composition I (AAS Only)	ENGL	1010	3	
Plant Equipment	PTEC	1630	2	
Plant Equipment Lab	PTEC	1631	2	
Intro to Welding	IMMT	1123	3	
Applied Math	WELD	1000	2	
Basic Electricity	IMMT	1142	2	
Techniques of Speech (AAS Only)	SPCH	1200	3	
SEMESTER CREDIT HOURS			TD 11	AAS 17

THIRD SEMESTER

COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS	
Blueprint Reading II	IMMT	1122	2	
Rigging, Application, Equipment, and Devices-Millwrights	MWRT	1315	3	
Intro to Computer Technology	CSCI	1010	3	
Problem Solving and Teamwork	IMMT	1163	3	
Physical Science or Physics (AAS Only)	PHSC or PHYS	1010 or 2010	3	
Physical Science Lab or Physics Lab (AAS Only)	PHSC or PHYS	1010L or 2010L	1	
Introduction to Psychology (AAS Only)	PYSC	2010	3	
SEMESTER CREDIT HOURS			TD 11	AAS 18

**Students who complete all courses above qualify to earn the Certificate of Technical Studies (CTS)
Maintenance Tech: General (33 credit hours)**



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FOURTH SEMESTER (Students Choose a Concentration- General Tech or Pipefitting)

GENERAL TECHNICIAN CONCENTRATION				
COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS	
Introductory Machining	IMMT	2103	3	
Hydraulic/Pneumatic Systems	IMMT	2113	2	
Pumps, Pipefitting, & Piping Systems	IMMT	2102	3	
Machine Maintenance & Installation	IMMT	2133	3	
SEMESTER CREDIT HOURS			TD 11	AAS 11
PIPEFITTING APPRENTICE CONCENTRATION				
COURSE NAME	COURSE PREFIX	COURSE NUMBER	CREDIT HOURS	
Field Measuring, Sketching and Layout	PIPE	1013	3	
Pipe Fabrication I	PIPE	1223	2	
Pipe Fabrication II	PIPE	1233	3	
Installation	PIPE	1303	3	
SEMESTER CREDIT HOURS			TD 11	AAS 11
CTS- Industrial Maintenance Tech: General = 33 Credit Hours				
TD- Industrial Maintenance Tech- General Concentration OR Pipefitter Concentration = 44 Credit Hours				
AAS- Industrial Maintenance Tech- General Concentration OR Pipefitter Concentration= 60 Credit Hours				

INDUSTRIAL MAINTENANCE TECHNOLOGY

CO-REQUISITES AND PRE-REQUISITES

FIRST SEMESTER

COURSE NAME	CO-REQUISITE	PRE-REQUISITE
IMMT 1120	IMMT 1143, MWRT 1310, CORE 1003	
IMMT 1143	IMMT 1120, MWRT 1310, CORE 1003	
MWRT 1310	IMMT 1120, IMMT 1143, CORE 1003	

SECOND SEMESTER

COURSE NAME	CO-REQUISITE	PRE-REQUISITE
PTEC 1630	IMMT 1123, WELD 1000, IMMT 1142, PTEC 1631	
PTEC 1631	IMMT 1123, WELD 1000, IMMT 1142, PTEC 1630	
IMMT 1123	PTEC 1630, PTEC 1631, WELD 1000, IMMT 1142	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310
WELD 1000	PTEC 1630, PTEC 1631, WELD 1123, IMMT 1142	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310
IMMT 1142	PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310

THIRD SEMESTER

COURSE NAME	CO-REQUISITE	PRE-REQUISITE
IMMT 1122	MWRT 1315, IMMT 1163	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142
MWRT 1315	IMMT 1122, IMMT 1163	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142
IMMT 1163	IMMT 1122, MWRT 1315	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142

FOURTH SEMESTER

GENERAL TECHNICIAN CONCENTRATION		
COURSE NAME	CO-REQUISITE	PRE-REQUISITE
IMMT 2103	IMMT 2113, IMMT 2102, IMMT 2133	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
IMMT 2113	IMMT 2103, IMMT 2102, IMMT 2133	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
IMMT 2102	IMMT 2103, IMMT 2113, IMMT 2133	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
IMMT 2133	IMMT 2103, IMMT 2113, IMMT 2102	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
PIPEFITTING APPRENTICE CONCENTRATION		
COURSE NAME	CO-REQUISITE	PRE-REQUISITE
PIPE 1013	PIPE 1223, PIPE 1233, PIPE 1303	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
PIPE 1223	PIPE 1013, PIPE 1233, PIPE 1303	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
PIPE 1233	PIPE 1013, PIPE 1223, PIPE 1303	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163
PIPE 1303	PIPE 1013, PIPE 1223, PIPE 1233	CORE 1003, IMMT 1120, IMMT 1143, MWRT 1310, PTEC 1630, PTEC 1631, WELD 1000, IMMT 1123, IMMT 1142, IMMT 1122, MWRT 1315, IMMT 1163