

# INDUSTRIAL TECHNOLOGY

## INDUSTRIAL MAINTENANCE TECHNOLOGY CERTIFICATE COMPLETION PLAN

**PROGRAM INFORMATION:** The curriculum will help prepare students for immediate employment in the field of industrial maintenance. Students will learn to perform the duties of a general maintenance technician and function as a member of a multi-skilled general and shop maintenance team in a wide variety of industrial settings. Graduates will perform routine preventative maintenance, troubleshooting, and repair on equipment and components in an industrial plant environment. Upon successful completion of the program, a Certificate of Completion in industrial equipment maintenance and repair will be awarded the student.

Articulated credit may be available for some courses students completed while in high school.

### FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
INMT 2345	Industrial Troubleshooting	3
RBTC 1309	Pneumatics	3
ELPT 1311	Basic Electrical Theory	3
INTC 1305	Intro to Instrumentation	3
PTRT 1313	Industrial Safety	3
Fall Total Credit Hours		15

### FRESHMAN YEAR - SPRING

PTRT 2280: Capstone

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ELMT 1301	Programmable Logic Controllers	3
HYDR 1305	Basic Hydraulics	3
ELPT 1341	Motor Control	3
PTRT 2280 OR WLDG 1428 OR ELPT 1325 OR ELPT 2325	Cooperative Education OR Intro to Shielded Metal Arc Welding OR National Electric Code I OR National Electrical Code II	2, 3, 4
Spring Total Credit Hours		11, 12, 13
Program Total Credit Hours		26, 27, 28