

CLARENDON COLLEGE

INDUSTRIAL MAINTENANCE COURSE GUIDE

BASIC CERTIFICATE OF COMPLETION

TECHNICAL CORE

12HRS

ELPT 1311 BASIC ELECTRICAL THEORY
ETWR 1391 SPECIAL TOPICS IN PROFESSIONAL, TECH, BUSINESS, SCI WRITING
INMT 1305 INTRO TO INDUSTRIAL MAINTENANCE
MCHN 1343 MACHINE SHOP MATHEMATICS

MAJOR COURSES

9HRS

IEIR 1310 MOTOR CONTROLS
IEIR 1312 DISTRIBUTION SYSTEMS
WLDG 1307 INTRO TO WELDING

MAJOR OPTIONS

CHOOSE ANY 3-6 HRS

ELECTROMECHANICAL TECHNICIAN

MCHN 1332 BENCH WORK AND LAYOUT

HVAC

HART 1307 REFRIGERATION PRINCIPLES
HART 2338 AIR CONDITIONING INSTALLATION AND STARTUP

INSTRUMENT AND ELECTRONICS TECHNICIAN

EECT 2335 TELECOMMUNICATION

WIND TECHNICIAN

EECT 2335 TELECOMMUNICATIONS

MACHINING

MCHN 1332 BENCH WORK AND LAYOUT
MCHN 1338 BASIC MACHINE SHOP I
MCHN 1341 BASIC MACHINE SHOP II
WLDG 1372 LAYOUT AND FAB I

ADVANCED CERTIFICATE OF COMPLETION

**These courses are required in addition to the requirements for the Basic Certificate listed above.*

MAJOR COURSE

6 HRS*

ELMT 1301 BASIC PLC
IEIR 1306 ELECTRIC MOTORS

MAJOR OPTIONS

CHOOSE ANY 12-15 HRS*

ELECTROMECHANICAL TECHNICIAN

ELMT 1305 BASIC FLUID POWER
ELMT 2333 INDUSTRIAL ELECTRONICS
ELMT 2341 ELECTROMECHANICAL SYSTEMS
INMT 2301 MACHINERY INSTALLATION
MCHN 2312 MILLWRIGHT V

HVAC

HART 1345 GAS AND ELECTRIC HEATING
HART 2336 AIR CONDITIONING TROUBLESHOOTING
HART 2342 COMMERCIAL REFRIGERATION
WLDG 1372 LAYOUT AND FABRICATION

INSTRUMENT AND ELECTRONICS TECHNICIAN

ELMT 2333 INDUSTRIAL ELECTRONICS
ELMT 2341 ELECTROMECHANICAL SYSTEMS
INTC 1301 PRINCIPLES OF INDUSTRIAL MEASUREMENTS I
INTC 1343 APPLICATION OF INDUSTRIAL AUTOMATIC CONTROLS
INTC 2310 PRINCIPLES OF INDUSTRIAL MEASUREMENTS II

WIND TECHNICIAN

ELMT 1305 BASIC FLUID POWER
ELMT 2333 INDUSTRIAL ELECTRONICS
ELMT 2341 ELECTROMECHANICAL SYSTEMS
INMT 2301 MACHINERY INSTALLATION
WIND 2359 WIND POWER DELIVERY SYSTEM

MACHINING

ELMT 1305 BASIC FLUID POWER
MCHN 1352 INTERMEDIATE MACHINING I
MCHN 1354 INTERMEDIATE MACHINING II
MCHN 2303 FUNDAMENTALS OF COMPUTER CONTROLLED MACHINING
MCHN 2341 ADVANCED MACHINING I
WLDG 1307 INTRO TO WELDING MULTIPLE PROCESSES
WLDG 1337 INTRO TO WELDING METALLURGY
WLDG 1372 LAYOUT AND FAB I