

MECHANICAL/ELECTRICAL MANUFACTURING BASICS CERTIFICATE

Program code: MEMB-CC

Location: Three Rivers

Program Description

This certificate will provide a college level certificate to students interested in the Electric Boat Marine Draft Person Apprentice Program. This furthers our goal of being responsive to industry requests while maintaining academic integrity. This program was developed in response to Connecticut manufacturers' needs for a highly skilled workforce to match the needs of regional industry and provides a college credential for current and potential employees at the completion of a list of requested existing credit level courses. Since this certificate is specific to Electric Boat, it is tailored to their needs. The student who completes this certificate program has a choice to pursue employment or to matriculate in an associate degree program..

Certificate Requirements

Code	Title	Credits
Required Courses		
EGR 1120	Engineering Drawing Specs	3
MATH 1600	College Algebra	3
MATH 1610	Precalculus	4
MFG 1004	Manufacturing Processes	4
Choose One Track		7-8
<i>Electrical Track</i>		
EETA 1010	DC Circuit Analysis	
EETA 1014	AC Circuit Analysis	
<i>Mechanical Track</i>		
PHYS 1201	General Physics I	
EGR 1110	Introduction to Engineering	
Total Credits		21-22