

TECHNOLOGY LEADERSHIP, CERTIFICATE OF COMPLETION

Certificate Description

This certificate can be taken independently or as a complement to the A.S. in Engineering and A.A.S. in Industrial Technology degree programs. This certificate will provide students with the knowledge, skills, tools, and methodologies needed to lead technical teams, projects, and programs.

Certificate Requirements

Freshman

First Semester	Credit Hours
ENGT 191 - Design - Technical Projects & Experience	2
ENGT 192 - Build - Technical Projects & Experience	2
ENGT 193 - Test - Technical Projects & Experience	2
ENGT 195 Tools for Technical Communications	3
ENGT 196 Project Management	3
MNFG 114 Principles of Quality Control In Manufacturing	3
Program Elective	3-4
Credit Hours	18-19
Total Credit Hours	18-19

Program Electives

Students may select courses from the following list or equivalent courses per appropriate approval.

Code	Title	Credit Hours
CVET 161	Construction Methods and Materials	3
ELET 144	DC/AC Electric Circuits	4.00000
ELET 150	Automated Control Systems	4.00000
ENGR 198	Autodesk Inventor: 3D Design & Prototyping	3
MNFG 102	Manufacturing Processes	3.00000
MNFG 140	Introduction to Computer Numeric Controlled (CNC) Machines	3.00000