

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 114	Principles of Quality Control In Manufacturing	3
ENGT 191	Design - Technical Projects and Experience	1
ENGT 192	Build - Technical Projects and Experience	1
ENGT 193	Test - Technical Projects and Experience	1
ENGT 195	Tools for Technical Communications	3
ENGT 196	Project Management	3
Program Elective		3-4
Credit Hours		15-16
Total Credit Hours		15-16

Program Electives

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

Code	Title	Credit Hours
ENGR 161	Construction Methods and Materials	3
ENGR 198	Autodesk Inventor: 3D Design & Prototyping	3
ENGT 102	Manufacturing Processes	3
ENGT 140	Introduction to Computer Numeric Controlled (CNC) Machines	3
ENGT 144	DC/AC Electric Circuits	4
ENGT 150	Automated Control Systems	4