Required Courses and Recommended Sequence:

The following is a recommended sequence of courses for completing this program. Developmental courses and prerequisite course requirements, credit load, and/or course availability may affect a student's individual progress. Course availability within the program sequences is specifically intended for full-time students who begin their course work with the fall semester. Students should always consult their online degree planner for the catalog year that they entered the college, and contact their program manager to better understand typical course availability and individual program planning.

Degree Pathway – Engineering Technology [2040] – 2 Year Plan

Semester One

ENC 1101 Written Communication I	3 credits
Gen Ed* Area II Mathematics	3 credits
CGS 1000 Computer Information Systems	3 credits
EGN 1111C Engineering Drawing (3 credits) OR BCN 1251C Construction Drawing (4 credits)	3 or 4 credits
BCN 2046 Introduction to Sustainability	3 credits
	15-16 credits – semester one

Semester Two

ENC 2210 Technical Communications	3 credits
ETD 2364C Introduction to Solidworks OR ETD 1390C Autodesk Revit OR ETD 1320C Introduction to AutoCAD	3 credits
ETI 1420C Manufacturing Processes and Materials	3 credits
ETM 1010C Mechanical Measurement and Instrumentation	3 credits
EET 1084C Introduction to Electronics	3 credits
	15 credits – semester two

Semester Three

Gen Ed* Area III – Social Science	3 credits
Gen Ed* Area V – Natural Science	3 credits
BCN 1597 Introduction to Solar Energy	3 credits
ETI 1701 Industrial Safety	3 credits
ETI 1110 Quality Assurance	3 credits
	15 credits – semester three

Semester Four

Gen Ed* Area IV – Humanities	1 credit
SLS 1350 Job Marketing Skills	1 credits
ETD 2949 Internship	3 credits
Elective* BCN 1554 – Off the Grid (Alternative Energy Certificate)	3 credits
Elective* ETD 1320C Introduction to AutoCAD (Engineering Technology Support Specialist Certificate)	3 credits
Elective* EET 2525C Programmable Logic Controllers	3 credits

(Electronics Certificate)	
	15 credits – semester four
	Total Hours – 60 Credits

There are 3 possible certificates that are available with this degree. If you choose the 3 electives stated above, you could also qualify for one or all three of the additional certificates.