First Semester	Second Semester	Third Semester	Fourth Semester	Fifth Semester

Communications Courses

- ENG 111 Expository Writing → ENG 114 Professional Research and Reporting
- COM 110 Introduction to Communication

Mathematics Courses

- MAT 121 Algebra/ Trigonometry I

Physical & Natural Sciences

- BIO 111 General Biology I

Social Sciences & Humanities

- Humanities and Fine Arts Elective (3 Credit Hrs.)
- Behavioral and Social Science Elective (3 Credit Hrs.)

Technical Content

- CIS 110 Introduction to Computers
- SST 120 Energy Use Analysis
- SST 210 Issues in Sustainability Technologies
- SST 110 Introduction to Sustainability
- GIS 111 Introduction to GIS
- GIS 240 Air Photo Interpretation
- SST 250 Sustainability Capstone Project
- ENV 110 Environmental Science
- ENV 110A Environmental Science Lab
- DFT 151 CAD I
- ENV 226 Environmental Law
- Technical Elective See list below.
- ISC 120 Industrial Ecology
- ISC 220 Lean Manufacturing Systems
- MEC 155 Environmentally Benign Manufacturing

Technical Electives

AHR 111	HVACR Electricity
AHR 112	Heating Technology
AHR 113	Comfort Cooling
ALT 110	Biofuels I
ALT 220	Photovoltaic Systems
ALT 221	Adv Photovoltaic Systems
ALT 240	Wind & Hydro Power Systems
ALT 250	Thermal Systems
ARC 111	Intro to Arch Technology
ARC 112	Construction Materials & Methods
ARC 210	Intro to Sustain Design
ARC 230	Environmental Systems
BIO 110	Principles of Biology
BIO 140	Environmental Biology
BIO 140A	Environmental Biology Lab
BPR 130	Blueprint Reading/Construction
BUS 139	Entrepreneurship
BUS 230	Small Business Management
CAR 110	Introduction to Carpentry
CAR 114	Residential Bldg Codes
CHM 131	Introduction to Chemistry
CHM 131A	Introduction to Chemistry Lab
CHM 132	Organic and Biochemistry
CIV 110	Statics/Strength of Mater
CIV 111	Soils and Foundations
CIV 210	Engineering Materials
CIV 212	Environmental Planning
CIV 230	Construction Estimating
CMT 214	Planning and Scheduling
CMT 216	Cost and Productivity
COE 112	Co-op Work Experience I
COE 122	Co-op Work Experience II

Sustainability Technologies
Sustainable Manufacturing

CURRICULUM
(Effective Fall 2009)
(A40370)

Legend:

→ Prerequisite

Technical Electives

DBA 110	Database Concepts
EGR 120	Engineering and Design Graphics
ELC 112	DC/AC Electricity
ELC 113	Basic Wiring I
ELC 118	National Electrical Code
ENV 120	Earth Science
ENV 218	Environmental Health
ENV 220	Applied Ecology
ENV 224	Land Resource Management
ENV 242	Land Quality
GEL 120	Physical Geology
GEL 230	Environmental Geology
GEO 131	Physical Geography I
GIS 121	Georeferencing & Mapping
ISC 212	Metrology
LAR 111	Intro to Landscp Arc Tech
LAR 113	Res Landscape Design
LAR 120	Sustainable Development
MEC 111	Machine Processes I
MEC 161	Manufacturing Processes I
MEC 180	Engineering Materials
MEC 250	Statics and Strength of Materials
MEC 265	Fluid Mechanics
MEC 267	Thermal Systems
MEC 270	Machine Design
MEC 275	Engineering Mechanisms
PHY 131	Physics-Mechanics
PHY 132	Physics-Elec & Magnetism
SRV 230	Subdivision Planning
SRV 110	Surveying I
SRV 111	Surveying II
WLD 112	Basic Welding Processes