

Construction Technology (CO) (5 credits)

Degree Type

Certificate of Competence

Sustainable Technology (11-13 credits)

Choose one course from each row.

Course #	Title	Credits
	ENRG 101 or SSM 101	3
	ENRG 103 or SSM 275	3
SSM 201	Sustainable Building Design	3
	AEC 110, BLPR 101, ART 161, MAIN 150, MAIN 165, or MAIN 170	2-4

Construction Technology (16 credits)

Course #	Title	Credits
CARP 120	Basic Carpentry Skills	3
ELEC 100	Survey of Electrical Math and Physics	3
ENRG 101	Introduction to Sustainable Technology	3
FMGT 100	Introduction to Building Maintenance and Construction	2
	MATH 100 or Higher, or BUSN 189	3
OSH 100	First Aid, CPR, and Automated External Defibrillator (AED)	1
OSH 110	Occupational Safety & Health for Construction	1

Air Conditioning Maintenance (5 credits)

Course #	Title	Credits
MAIN 165	Air Conditioning and Refrigeration	2
MAIN 166	Heating, Venting, Air Conditioning and Refrigeration (HVACR) Refrigerant Recovery	1
MAIN 167	Heating, Venting, Air Conditioning and Refrigeration (HVACR) System 2 Design and Controls	

Basic Carpentry Skills (6 credits)

Course #	Title	Credits
CARP 120	Basic Carpentry Skills	3
CARP 121	Framing and Exterior Finish	3

Basic Drafting Skills (7 credits)

Course #	Title	Credits
AEC 110	Basic AutoCAD	4
BLPR 101	Blueprint & Drafting Foundations	3

Electrical Maintenance (5 credits)

Course #	Title	Credits
ELEC 100	Survey of Electrical Math and Physics	3
ELEC 110	Residential and Light Commercial Wiring	2

Energy Production (6 credits)

Course #	Title	Credits
ENRG 101	Introduction to Sustainable Technology	3
ENRG 103	Energy Production Systems	3

Facilities Management (10 credits)

Course #	Title	Credits
FMGT 100	Introduction to Building Maintenance and Construction	2
FMGT 120	Introduction to Project Management	3
FMGT 200	Mechanical Systems Design and Construction	3
FMGT 201	Facilities Operations and Leadership	2

Maintenance Painting (4 credits)

Course #	Title	Credits
FMGT 100	Introduction to Building Maintenance and Construction	2
MAIN 140	Painting & Decorating	2

Maintenance Plumbing (6 credits)

Course #	Title	Credits
FMGT 100	Introduction to Building Maintenance and Construction	2
MAIN 150	Plumbing I	2
MAIN 155	Plumbing II	2

Rough & Finish Carpentry (6 credits)

Course #	Title	Credits
CARP 121	Framing and Exterior Finish	3
CARP 122	Interior Finish	3

Small Equipment Repair (7 credits)

Course #	Title	Credits
ELEC 100	Survey of Electrical Math and Physics	3
FMGT 100	Introduction to Building Maintenance and Construction	2
MAIN 160	Small Equipment Repair	2