

Facility Maintenance Technology (D50190)

Degree Type

Diploma

Credential Number

D50190

General Education Requirements

Communication

Take 2 Groups

Group 1 - Take 3 credits from

Item #	Title	Credits
ENG 110	Freshman Composition	3
ENG 111	Writing and Inquiry	3

Group 2 - Take 3 credits from

Item #	Title	Credits
COM 110	Introduction to Communication	3
COM 120	Intro Interpersonal Com	3
COM 231	Public Speaking	3
ENG 112	Writing/Research in the Disc	3

Major Requirements

Required Courses

Take 15 credits from

Item #	Title	Credits
AHR 112	Heating Technology	4
AHR 120	HVACR Maintenance	2
BPR 130	Print Reading-Construction	3
ELC 114	Commercial Wiring	4
MNT 110	Intro to Maint Procedures	2

Concentration Requirements

Take 8 credits from

Item #	Title	Credits
CAR 140	Basic Carpentry	4
PLU 115	Basic Plumbing	4

Other Major Requirements

Take 14 credits from

Item #	Title	Credits
ACA 115	Success & Study Skills	1
ACA 122	College Transfer Success	1
AHR 160	Refrigerant Certification	1
ATR 112	Intro to Automation	3
CAR 110	Introduction to Carpentry	2
CAR 111	Carpentry I	8
CAR 112	Carpentry II	8
CAR 113	Carpentry III	6
CAR 114	Residential Bldg Codes	3
CAR 115	Res Planning/Estimating	3
CAR 150	Concrete Construction	5
CIS 110	Introduction to Computers	3
CIS 111	Basic PC Literacy	2
DFT 111	Technical Drafting I	2
DFT 111A	Technical Drafting I Lab	1
DFT 119	Basic CAD	2
DFT 151	CAD I	3
ELC 117	Motors and Controls	4
ELC 118	National Electrical Code	2
ELC 120	Intro to Wiring	3
ELC 131	Circuit Analysis I	4
ELC 132	Electrical Drawings	2
HOR 118	Equipment Op & Maint	2
HYD 110	Hydraulics/Pneumatics I	3
ISC 112	Industrial Safety	2
ISC 115	Construction Safety	2
MAS 140	Intro to Masonry	2
MEC 130	Mechanisms	3
MNT 131	Metalworking Processes	3
MNT 220	Rigging and Moving	2
PLU 110	Modern Plumbing	9
PLU 111	Intro to Basic Plumbing	2
PLU 120	Plumbing Applications	9
PLU 124	Plumbing Business Operations	2
PLU 130	Plumbing Systems	6
PLU 140	Intro to Plumbing Codes	2
PTE 110	Pathway to Employ-Construction	3
WBL 110	World of Work	1
WBL 111T	Work-Based Learning I - Technical Programs	1
WLD 110	Cutting Processes	2
WLD 112	Basic Welding Processes	2
WLD 141	Symbols & Specifications	3

Course Sequencing

1st Semester (Fall)

Item #	Title	Credits
CAR 140	Basic Carpentry	4
ELC 120	Intro to Wiring	3
PTE 110	Pathway to Employ-Construction	3
	Communication 1st Choice (D50190)	3
	Other Major Requirements 1st Choice (D50190)	2

2nd Semester (Spring)

Item #	Title	Credits
AHR 112	Heating Technology	4
BPR 130	Print Reading-Construction	3
ELC 114	Commercial Wiring	4
	Other Major Requirements 2nd Choice (D50190)	2

3rd Semester (Summer)

Item #	Title	Credits
AHR 120	HVACR Maintenance	2
	Communication 2nd Choice (D50190)	3

4th Semester (Fall)

Item #	Title	Credits
ELC 131	Circuit Analysis I	4
MNT 110	Intro to Maint Procedures	2
PLU 115	Basic Plumbing	4
	Total Credits	43