

Construction Technology - Facilities Mechanical (AAS) (60 credits)

Degree Type

Associate in Applied Science

Requirements for Associate in Applied Science (AAS) Degree (60 credits)

Course #	Title	Credits
BLPR 101	Blueprint & Drafting Foundations	3
ELEC 100	Survey of Electrical Math and Physics	3
ELEC 110	Residential and Light Commercial Wiring	2
ENRG 101	Introduction to Sustainable Technology	3
ENRG 103	Energy Production Systems	3
FMGT 100	Introduction to Building Maintenance and Construction	2
MAIN 150	Plumbing I	2
MAIN 155	Plumbing II	2
MAIN 160	Small Equipment Repair	2
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	2
MAIN 170	Preventive Maintenance	2
OSH 100	First Aid, CPR, and Automated External Defibrillator (AED)	1
OSH 110	Occupational Safety & Health for Construction	1
	ENG 100 or ENG 106	3
	MATH 100 or Higher, or BUSN 189	3
	BUS/COM 130 or COM 145 or SP 151 or SP 251	3
	ICS 101 or BUSN 150	3
	Cooperative Education 193v	2
	Technical Electives - Facilities Mechanical Concentration	4
	Technical Electives - Facilities Mechanical Concentration	2
	Humanities Elective	3
	Natural Science Elective	3
	Social Science Elective	3

Course Sequencing

Full-time students in the Facilities Mechanical concentration of the AAS would take courses in this sequence:

First Semester (Fall) (15 credits)

Course #	Title	Credits
FMGT 100	Introduction to Building Maintenance and Construction	2
	ICS 101 or BUSN 150	3
	Technical Electives - Facilities Mechanical Concentration	4
	ENG 100 or ENG 106	3
	MATH 100 or Higher, or BUSN 189	3

Second Semester (Spring) (16 credits)

Course #	Title	Credits
BLPR 101	Blueprint & Drafting Foundations	3
ELEC 100	Survey of Electrical Math and Physics	3
ENRG 101	Introduction to Sustainable Technology	3
MAIN 150	Plumbing I	2
MAIN 170	Preventive Maintenance	2
	BUS/COM 130 or COM 145 or SP 151 or SP 251	3

Third Semester (Fall) (14 credits)

Course #	Title	Credits
ELEC 110	Residential and Light Commercial Wiring	2
ENRG 103	Energy Production Systems	3
MAIN 160	Small Equipment Repair	2
MAIN 165	Air Conditioning and Refrigeration	2
MAIN 166	Heating, Venting, Air Conditioning and Refrigeration (HVACR) Refrigerant Recovery	1
OSH 100	First Aid, CPR, and Automated External Defibrillator (AED)	1
OSH 110	Occupational Safety & Health for Construction	1
	Technical Electives - Facilities Mechanical Concentration	2

Fourth Semester (Spring) (15 credits)

Course #	Title	Credits
MAIN 155	Plumbing II	2
MAIN 167	Heating, Venting, Air Conditioning and Refrigeration (HVACR) System 2 Design and Controls	2
	Cooperative Education 193v	3
	Humanities Elective	3
	Natural Science Elective	3
	Social Science Elective	3