



## Facilities Maintenance Certificate

### 2018–2019

#### **DESCRIPTION:**

This certificate program prepares students for employment as entry-level maintenance workers. The program can be completed in as little as three semesters. Since the certificate shares coursework with the associate degree program, graduates have the options of immediately entering the workforce, continuing on at Columbus State to complete the Associate Degree in Facilities Maintenance, or doing both, now or in the future.

The Module Certificates are a great way for students to focus on a single skill set and earn a college certificate. In combination, the modules can be applied towards the Facilities Maintenance Certificate program or the Facilities Maintenance Associates Degree program. In local industry, employers and employees both can benefit from these modules as a method to cross-train current workers to build or enhance additional skill sets. For more information, see [csc.edu/sktr](http://csc.edu/sktr).

#### **ADMISSION REQUIREMENTS:**

This is a non-selective, open-admission program. Students may begin this certificate during any semester.

#### **ONGOING REQUIREMENTS:**

Students must maintain the minimum GPA required by the College.

#### **OPPORTUNITIES FOR GRADUATES:**

##### **Career:**

Some common job titles include: Building Maintenance Mechanic, Building Mechanic, Equipment Engineering Technician, Facilities Manager, Maintenance Engineer, Maintenance Man, Maintenance Mechanic, Maintenance Supervisor, Maintenance Technician, and Maintenance Worker.

##### **Transfer:**

Students who complete the Facilities Maintenance Certificate will have most of the courses apply to the A.A.S. degree in Facilities Maintenance.

**CERTIFICATE REQUIREMENTS (FACILITIES MAINTENANCE CERTIFICATE):****FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR 1120 Carpentry: Fundamentals	AU/SP/SU	2	
SKTR 1320 Carpentry: Structural Framing I	AU/SP	2	
SKTR 1110 Electrical: Fundamentals	AU/SP/SU	2	
SKTR 1310 Electrical: Wiring I	AU/SP/SU	2	
<b>Semester Credits</b>		<b>8</b>	

**SECOND SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR1140 Plumbing: Introduction to Supply Systems	AU	2	
SKTR 1340 Plumbing: Introduction to DWV Systems	SP	2	
ESSH 1170 OSHA 10 HR Gen. Ind. Safety	On demand	1	
HVAC 1140 Principles of Refrigeration	AU/SP	3	
HVAC 1150 Instrumentation/Combustion Process	SP	3	
<b>Semester Credits</b>		<b>11</b>	

**THIRD SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR 1180 Welding: Intro to Stick	AU/SP	2	
SKTR 2040 Plumbing: Intermediate Supply & DWV Systems	SP	2	
SKTR 2020 Carpentry: Structural Framing II	SP	2	
SKTR 2010 Electric: Wiring II	SP	2	
<b>Semester Credits</b>		<b>8</b>	
		<b>29</b>	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester  
 Requirements subject to change.