



## Plumbing Apprenticeship Readiness Certificate

### 2018–2019

#### **DESCRIPTION:**

The Plumbing Apprenticeship Readiness Certificate is a plan of study used primarily to allow individuals without any practical experience or craft training to both explore what it is to be a plumber and more importantly, to become a valid candidate for a plumbing apprenticeship. Columbus State has been working with area apprenticeships since 1999. Based on what they are looking for in candidates, we have put together a list of courses to help streamline the process of becoming a valid candidate while at the same time allowing individuals an opportunity to explore this skilled craft to better determine both their own abilities and their desire to pursue a career as a plumber. For more information, see [csc.edu/sktr](http://csc.edu/sktr).

#### **ADMISSION REQUIREMENTS:**

This is a non-selective, open-admission program.

#### **ONGOING REQUIREMENTS:**

Minimum 3.0 GPA required.

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

##### **Career:**

The pathway to becoming an apprentice is not a short or simple one. However, the rewards can be substantial in both monetary gain and lifelong employment opportunities. Acceptance into an apprenticeship is an opportunity to join a select group of individuals who have similar goals and aspirations. Apprentices are hired to work full-time jobs in their desired trade, with benefits. They will work during the day and then one or two nights a week from the end of August through May, they will attend training classes where theory, codes, and other fundamentals are taught. This training will also provide them with at least 30 hours of technical credit toward a Plumbing A.A.S. degree. This training will be four years in length, and with each year of successful completion, apprentices will earn both a pay increase and be one step closer to becoming a Journeyperson-level plumber.

Plumbers install, repair, maintain, and relocate several types of plumbing systems and related fixtures as needed for residential single and multi-family apartments and condominiums; commercial projects such as stores, offices, schools, and warehouses; places of worship; and industrial facilities for manufacturing and assembly of equipment and consumables.

##### **Transfer:**

Most of the courses in the Plumbing Apprenticeship Readiness Certificate will apply to the A.A.S. degree in Facilities Maintenance.

**CERTIFICATE REQUIREMENTS (PLUMBING APPRENTICESHIP READINESS CERTIFICATE):****FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
SKTR 1101 Survey of the Construction Industry	AU/SP	2	
SKTR 1140 Plumbing: Introduction to Supply Systems	AU	2	
SKTR 1340 Plumbing: Introduction to DWV Systems	SP	2	
ARCH 1100 Visual Communications I	AU/SP/SU	1	
ENGL 1100 Composition I	AU/SP/SU	3	
MATH 1099 Bridge to College Math 1050 Module	AU/SP/SU	3	
<b>Semester Credits</b>		<b>13</b>	

**SECOND SEMESTER**

Course	Term	Credits	Milestones/Progress Check
HVAC 1140 Principles of Refrigeration	AU/SP	3	
SKTR 1300 Construction Industry Employability Skills	AU	2	
SKTR 2040 Plumbing: Intermediate Supply & DWV Systems	AU	2	
SKTR 2140 Plumbing: Repair & Service Practices	SP	2	
CMGT 1121 Construction Drawings	AU/SP/SU	3	
ESSH 1160 OSHA 10 Hour Construction Safety & Health	AU/SP/SU	1	
<b>Semester Credits</b>		<b>13</b>	
<b>Total</b>		<b>26</b>	

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