



### PATHWAY: Plumbing and Fire Protection

Visit your College Advisor, [ccc.edu](http://ccc.edu), or your college's Transfer Center for more information.

This is an **example course sequence** for students interested in plumbing and fire protection. If this pathway is followed as outlined, you will earn a Basic Certificate (BC) in Plumbing and Fire Protection. This does not represent a contract, nor does it guarantee course availability.

The Basic Certificate program in Plumbing and Fire Protection program is designed to introduce students to plumbing and sprinkler systems through theory and hands on work. Upon successful completion, graduates will be qualified to work as a plumber's assistant and or fitter assistant.

DEGREE CODE:  
BC 0753

#### Choose your courses with your College Advisor.

Student must be eligible for Mathematics 98 and Reading 99 to enter the program

Communications and mathematics pre-credit requirements. Placements based on current placement instrument, ACT or department chair recommendation.

#### READING PLACEMENT

FS Reading

#### MATHEMATICS PLACEMENT

FS Mathematics

### SEMESTER-BY-SEMESTER PROGRAM PLAN FOR FULL-TIME STUDENTS

All plans can be modified to fit the needs of part-time students by adding more semesters.

BC	SEMESTER 1	CATEGORY	ACHIEVEMENTS & NEXT ACTIONS
	<b>PHASE 1</b>		
	● Technology 409–Construction Safety (1)	Required Program Core	
	● Technology 448–Vocational Physical Training (1)	Required Program Core	
	● Technology 432–Basic Arc Welding (1)	Required Program Core	
	● Technology 434–Introduction to Plumbing (3)	Required Program Core	
	● Technology 437–Basic Plumbing Related Mathematics (1)	Required Program Core	
	<b>PHASE 2</b>		
	● Technology 462–Vocational Physical Training II (1)	Required Program Core	
	● Technology 435–Plumbing Tools and Equipment (2)	Required Program Core	
	● Technology 436–Plumbing Codes (1)	Required Program Core	
	<b>PHASE 3</b>		
	● Business and Commercial Technology 532–Basic Computer Technology (1)	Required Program Core	
	● Technology 463–Vocational Physical Training III (1)	Required Program Core	
	● Technology 438–Introduction to Fire Protection (3)	Required Program Core	
	● Technology 439–Home Plumbing System (4)	Required Program Core	
	<p><b>COMPLETION</b> of Basic Certificate in Plumbing and Fire Protection  <b>DO THIS</b>–Meet with advisor to confirm plans  <b>DO THIS</b>–Go to both Transfer Center and Career Center to explore both continued education and employment options</p>		
<p>CERTIFICATE MINIMUM: 20 CREDIT HOURS // PATHWAY TOTAL: 20 CREDIT HOURS</p>			

D = DEGREE // AC = ADVANCED CERTIFICATE // BC = BASIC CERTIFICATE

Programs offered at:

