

**Associate in Applied Science in General Technology
Plumbing Option
(EDGE/Cooperative Program with Career/Technical Centers)**

The Associate in Applied Science in General Technology: Plumbing Option is an EDGE/collaborative program between WVSTC and Career/Technical Centers. Students who complete the Plumbing Program and transfer to WVSTC will be granted 30 credit hours toward the A.A.S. in General Technology: Plumbing Option upon completion of all courses in the Plumbing program and a passing score of 75% or above on the state exam.

Careers for Plumbing

The program prepares the graduates for employment and/or further on-the-job training in the field of basic plumbing theory in the residential and commercial areas. Typical jobs for graduates of this program may include:

- Contract Residential and Commercial Plumbers
- Industrial Plumbers
- Basic knowledge to become certified in NCCER; gas piping; wardflex piping; gastite piping and NOCTI

Program Learning Outcomes

Upon completion of this program the student will be able to:

1. Pursue careers in Plumbing.
2. Describe the basic procedures for construction safety.
3. Identify the parts of fitting and measuring techniques.
4. Identify the components of fuel systems.
5. Identify the basic types of materials used in the manufacture of plumbing fixtures.

For More Information, Contact
Ms. Sandra LaVoie, Program Director
Cole Complex 201
Phone: (304) 766-5119
Email: lavoies@wvsctc.edu

Curriculum/Suggested Sequence

(62-63 hours required for graduation) / (30 hours transfer from career center)

FIRST SEMESTER

COLL 101	College 101	3
HUM 101	Intro to Humanities	3
ENGL 101	English Composition I OR	
ENG 110	English Composition I	3
MATH 100	Intermediate Algebra OR	
BST 104	Business Math	3
Elective	Restricted Elective	<u>3</u>
	Total Credits	15

SECOND SEMESTER

ENG 120	Technical Writing OR	
BST 230	Bus Comm & Ethics	3
CS 106	Intro to Comp & Office Appl OR	
BST 240	Fund of Bus Computer Tech	3
BST 298	Business Studies Seminar	1
Elective	Natural Science Elective	3-4
Elective	Social Science Elective	3
Elective	Restricted Elective	<u>3</u>
	Total Credits	16-17

Restricted Electives: (Choose two) - BST 106,151, 205,255, 202, ITEC 180, 101, CO-OP, and other courses as approved by program director.

Natural Science Electives: (Choose one) – BIOL 101, CHEM 101, PHYS 191 & 203, 201 & 203

Social Science Electives: (Choose one) – SOC 101, POSC 100, 101, PSYC 151, ECON 201, 202

Career/Technical Center Courses-Transfer 30 credit hours to WVSTC

WVEIS Code	2142	Construction Safety	3
WVEIS Code	2143	Introduction to the Plumbing Trade	3
WVEIS Code	2144	Basic Plumbing	4
WVEIS Code	2145	Soldering & flaring copper Pipe	4
WVEIS Code	2146	Gas Piping	4
WVEIS Code	2147	Cast-Iron Piping	4
WVEIS Code	2148	Drains, Waste and Vent Systems	4
WVEIS Code	2149	Plumbing Fixtures	4

