PLUMBING & ENERGY SERVICES

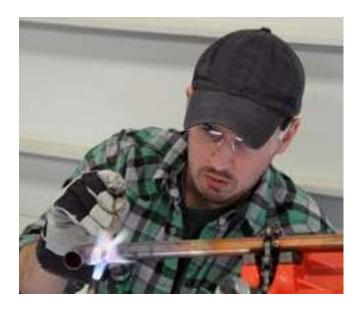
ASSOCIATE IN APPLIED SCIENCE DEGREE AND CERTIFICATE PROGRAMS

The Plumbing and Energy Services program is designed to prepare students for technician level positions in the rapidly growing field of installing, maintaining, and troubleshooting high efficiency plumbing, heating, ventilation, and air conditioning. Graduates will work on systems that control water, temperature, humidity, and air quality of enclosed spaces.

KVCC's Plumbing and Energy Services program is the only program of its kind in the State of Maine to offer plumbing, HVAC, solid fuel, geothermal, and heat pumps, in one comprehensive program.

"I always knew I wanted to go into heating. What I have learned at KVCC is that the world is changing and there are newer ways to heat than the old oil boilers."

"Some people think that solar thermal panels are really impractical here in New England. While studying heating and cooling at KVCC, I found out just how untrue this is. It is exciting to be on the cutting edge of a new industry that is taking over."



Learn to install, maintain, and troubleshoot modern heating, ventilating, and cooling systems



What Plumbing and Energy Services graduates do:

- JIT Plumber
- Resource conservation manager
- Energy management technician
- Journeyman oil burner technician
- HVAC technician

Career Opportunities:

- Educational facilities
- Small businesses
- Plumbing and heating firms
- Hospital facilities
- Manufacturing companies
- Industry plants

For further questions about this program, please contact:

est@kvcc.me.edu or go to: www.kvcc.me.edu/est

PLUMBING AND ENERGY SERVICES DEPARTMENT CHAIR: MICHAEL DAY, 207-453-5817

Associate in Applied Science Degree					
First Seme	ester		ETL107*	Electrical Principles for HVAC	4
BPT125*	Construction Print Reading	3	HAC106*	•	3
MAT114	Technical Math	3	HAC200*	Introduction to Natural Gas and Propane	1
PLB101*	Plumbing Fundamentals	6	HAC201*	Heating System Fundamentals	6
COM104	Introduction to Communication OR		MAT214	Tech Math II	3
COM105	Interpersonal Communication	3	Fourth Se	mester	
Second Semester			ETL108*	HVAC Electronics and Controls	3
ENG108	Technical Writing	3	HAC202*	Advanced Heating Applications	6
PLB201*	Advanced Plumbing Applications	6	HAC205*	Propane and Natural Gas	3
PLB210*	Plumbing Codes	3		Humanities Elective	3
	Social Science Elective	3		Total Credits	62
Third Sem	nester				
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Plumbing	g Certificate				······································
Plumbing First Seme			Second Se	emester	
``		3		emester Technical Writing	3
First Seme	ester	3			3 6
First Seme BPT125*	ester Construction Print Reading		ENG108	Technical Writing	
First Seme BPT125* MAT114	ester Construction Print Reading Technical Math	3	ENG108 PLB201*	Technical Writing Advanced Plumbing Applications	6
First Seme BPT125* MAT114 PLB101*	ester Construction Print Reading Technical Math	3	ENG108 PLB201*	Technical Writing Advanced Plumbing Applications Plumbing Codes	6 3
First Seme BPT125* MAT114 PLB101*	ester Construction Print Reading Technical Math Plumbing Fundamentals Gervices Certificate	3	ENG108 PLB201*	Technical Writing Advanced Plumbing Applications Plumbing Codes Total Credits	6 3
First Semon BPT125* MAT114 PLB101* Energy S	ester Construction Print Reading Technical Math Plumbing Fundamentals Gervices Certificate	3	ENG108 PLB201* PLB210*	Technical Writing Advanced Plumbing Applications Plumbing Codes Total Credits	6 3
First Seme BPT125* MAT114 PLB101* Energy S	Construction Print Reading Technical Math Plumbing Fundamentals Services Certificate ester Electrical Principles for HVAC	3 6	ENG108 PLB201* PLB210* Second Se	Technical Writing Advanced Plumbing Applications Plumbing Codes Total Credits emester	6 3 24
First Seme BPT125* MAT114 PLB101* Energy S First Seme ETL107*	Construction Print Reading Technical Math Plumbing Fundamentals Gervices Certificate ester Electrical Principles for HVAC Introduction to Natural Gas and Propane	3 6	ENG108 PLB201* PLB210* Second Se ETL108* HAC106*	Technical Writing Advanced Plumbing Applications Plumbing Codes Total Credits emester HVAC Electronics and Controls	6 3 24 3
First Seme BPT125* MAT114 PLB101* Energy S First Seme ETL107* HAC200*	Construction Print Reading Technical Math Plumbing Fundamentals Services Certificate ester Electrical Principles for HVAC Introduction to Natural Gas and Propane	3 6 4 1	ENG108 PLB201* PLB210* Second Se ETL108* HAC106*	Technical Writing Advanced Plumbing Applications Plumbing Codes Total Credits emester HVAC Electronics and Controls Heat Pumps and Air Conditioning	6 3 24 3 3

CRITERIA FOR GRADUATION

Students must complete 62 credits in the Plumbing and Energy Services program, 24 credits in the Plumbing certificate, or 33 credits in the Energy Services certificate and achieve a minimum grade of "C" in designated common and program core courses (*). Students must attain a final GPA of 2.0 or higher.