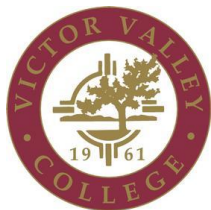


Basic HVAC/R Certificate

(Heating, Ventilation, Air Conditioning, and Refrigeration)



CATALOG 2021-22

GE Pattern: none

Total Units: 17.0 Units

Program Code: [BHVACRTECH.CERT](#)

Potential Career Options

Possible employment includes:

- Residential HVAC Helper or Technician
- Union Apprentice HVAC

Average Salary Information

\$27,000 – 70,000 Annually

STUDENT SUCCESS TEAM SUPPORT

School Dean

McKenzie Tarango
(760) 245-4271 Extension 2693
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RAMPath Counselor

Melanie Dube-Price
(760) 245-4271 Extension 2205
Melanie.Dube-Price@vvc.edu

Faculty Advisor

Julia Wendt

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this degree
GE	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirement
RE	Restricted Elective	A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list
Elec	Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

Year 1, Summer

Total: 2.0

Category	Course	Title	GE Area	Unit
Req	CT 116	Construction Safety		2.0

Year 1, Fall

Total: 8.0

Category	Course	Title	GE Area	Unit
Req	CT 122A	Heat and Air Conditioning		4.0
Req	CT 136	HVAC Circuits and Controls		4.0

Year 1, Spring

Total: 7.0

Category	Course	Title	GE Area	Unit
Req	CT 107	Technical Mathematics		3.0
Req	CT 122B	Commercial Refrigeration		4.0