

Southwest Virginia Community College
Business, Engineering, Industrial Technology, and
Workforce Solutions Division



<http://www.sw.edu/beit/>

Certificate Program

2019-2020 Certificate Completion Plan

Major: Heating, Ventilation, & Air Conditioning (HVAC)

First Semester (18 Credits)

		Credits	Semester	Grade
AIR 121	Air Conditioning & Refrigeration I	4	_____	_____
AIR 122	Air Conditioning & Refrigeration II	4	_____	_____
AIR 134	Circuits & Controls I	3	_____	_____
ELE 140	Basic Electricity & Machinery	4	_____	_____
MTH 111	Basic Technical Mathematics I	3	_____	_____
SAF 127	Industrial Safety	2	_____	_____
ITE 102	Computer and Information Systems	1	_____	_____

Second Semester (18 Credits)

		Credits	Semester	Grade
AIR 136	Circuits & Controls III	4	_____	_____
ELE 135	National Electric Code Res.	4	_____	_____
ENG	Approved English Elective	3	_____	_____
AIR 165	Air Conditioning Systems I	4	_____	_____
BLD 111*	Blueprint Reading and the Building Code	3	_____	_____

Summer Session (13 Credits)

		Credits	Semester	Grade
BLD 122	Green Building Practices	1	_____	_____
SDV 106	Prep. For Employment	1	_____	_____
AIR 235	Heat Pumps	4	_____	_____
AIR 154	Heating Systems I	3	_____	_____
AIR 190	Coordinated Internship	3	_____	_____
AIR 276	Refrigerant Usage EPA Certification	1	_____	_____

Total Hours **49**

For additional information:

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