

HVA 1241: HVAC Installation Techniques & Practices

Credit Type – Proficiency



MIAMI VALLEY
TECHPREP
CONSORTIUM

Course Description and Learning Outcomes:
https://www.sinclair.edu/course/params/subject/hva/courseNo/1241/
Faculty Pathway Specialist(s) (Please include name, email, and office hours):
De Dawson, delacy.dawson@sinclair.edu , 937-369-5460. De is an ACF, he has no office hours.
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
• Refrigeration and Air Conditioning Technology, 10th Ed. ISBN: 978-0-357-93399-2 • The Equipment Manuals This course requires learning: • HVACR Installation and Service Tools and Equipment • Installation Procedures • Introduction to Equipment Installation • Gas Furnace Install • A/C Install • Heat pump Install • Installing Square, Rectangular, and Round Ducts. • Brazing. • Electrical Installation. • Tubing Leak Test and Evacuation • Equipment Start-Up
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
Participation: 40% Midterm: 30% Final: 30%
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
High School Instructor
What is the grading scale for the course?
A: 90-100% B: 80-90% C: 70-80% D: 60-70% F: 50-0%
Must students access the eLearn shell regularly to complete requirements?
No; Student must access eLearn to complete Permission to Post credit

Does the course require access to YouTube, Google Drive, etc.?
N/A
Additional course details or requirements important for instructors not covered above:
None
Most common (or popular) degrees this course is in?
Heating, Ventilating, Air Conditioning & Refrigeration (HVACR) Technology HVACR.S.AAS