

HVA 1241: HVAC Installation Techniques & Practices

Credit Type – Articulated (AA)



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, Since De is an ACF, he has no office hours.																		
What credential(s) is/are required to earn this credit?																		
N/A																		
What credentialing body(ies) should be used?																		
N/A																		
What documentation is required to earn the credit?																		
N/A																		
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):																		
<ul style="list-style-type: none"> - Refrigeration and Air Conditioning Technology, 9th Ed. ISBN: 978-0-3571-2227-3 - The Equipment Manuals <p>This course requires learning:</p> <ul style="list-style-type: none"> - HVACR Installation and Service Tools and Equipment. - Installation Procedures. - Introduction to Equipment Installation <ul style="list-style-type: none"> 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 																		
Additional course details or requirements important for instructors not covered above:																		
<table border="1"> <thead> <tr> <th>Exams and Assignments</th> <th>Points/Percentage</th> <th>Grading Scale</th> </tr> </thead> <tbody> <tr> <td>Participation</td> <td>40%</td> <td>90 -100% --- A</td> </tr> <tr> <td>Midterm</td> <td>30%</td> <td>80 – 90% --- B</td> </tr> <tr> <td>Final</td> <td>30%</td> <td>70 – 80% --- C</td> </tr> <tr> <td></td> <td></td> <td>60 – 70% --- D</td> </tr> <tr> <td></td> <td></td> <td>Less than 60% ----- F</td> </tr> </tbody> </table>	Exams and Assignments	Points/Percentage	Grading Scale	Participation	40%	90 -100% --- A	Midterm	30%	80 – 90% --- B	Final	30%	70 – 80% --- C			60 – 70% --- D			Less than 60% ----- F
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Most common (or popular) degrees this course is in?
Heating, Ventilating, Air Conditioning & Refrigeration (HVACR) Technology HVACR.S.AAS