

EGV 1401: Weatherization & Building Performance
Training
Credit Type – Proficiency



MIAMI VALLEY
TECHPREP
CONSORTIUM

Course Description and Learning Outcomes:
https://sinclair.edu/course/params/subject/EGV/courseNo/1401/
Faculty Pathway Specialist(s) (Please include name, email):
Alexandra Bohler, Alexandra.bohler@sinclair.edu
Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs):
Textbook: <i>Building Science Principles Reference Guide Second Edition</i> , Building Performance Institute, ISBN: 978-0-99083-182-2, \$129 for printed or \$109 for digital (https://www.bpi.org/certificates/building-science-principles/)
How is the final grade for the course determined? (Please list all required assignments, assessments, etc.)
Final grade is determined from several homework assignments, an energy audit report, a midterm quiz, a final quiz, and participation.
Who is responsible for grading the required assignments and/or assessments? (faculty or instructor?)
The high school instructor is responsible for scoring assignments and assessments and posting the grades in eLearn.
What is the grading scale for the course?
Standard Sinclair grading scale is used for the course.
Must students access the eLearn shell regularly to complete requirements?
Students must submit assignments through eLearn or a pre-determined method with the instructor.
Does the course require access to YouTube, Google Drive, etc.?
No, not unless desired by instructor.
Additional course details or requirements important for instructors not covered above:
The energy audit report ideally includes performing a practice energy audit of a building, such as a home or one of the school's buildings. The eLearn course shell and the textbook have all of the resources necessary for this course.
Most common (or popular) degrees this course is in?
Sustainability and Energy Management Technology and Heating, Ventilating, Air Conditioning and Refrigeration (HVAC-R). It is also relevant to Construction Management and Architectural Technology.
The course is required for the following degrees/certificates: <ul style="list-style-type: none"> • EGMT.S.AAS – Energy Management Technology • ENRGY.S.CRT – Energy Technology • EST.S.STC – Energy and Sustainability Technician
It is an elective for our HVAC-R, Construction Management, and Architectural Technology programs.