

CAT 1741: Residential Electrical Systems

Credit Type – Proficiency



MIAMI VALLEY
TECHPREP
CONSORTIUM

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| Course Description and Learning Outcomes: |
| https://www.sinclair.edu/course/params/subject/CAT/courseNo/1741/ |
| Faculty Pathway Specialist(s) (Please include name, email and office hours): |
| Eric Dunn , eric.dunn@sinclair.edu , please contact for current office hours. |
| Resources Needed to Offer Course (software, equipment, books [include ISBN and edition], etc. – please include any associated costs): |
| 4th edition of Residential Construction Academy Carpentry, 9781305086180 (Cost at Sinclair eCampus Bookstore: \$128.70 new / \$93.60 used). Students could share books rather than purchasing full class set. Lab equipment: Hand and power tools for basic for basic electrical wiring for residential construction. |
| Please Note: The book for this course has moved to the fifth edition, ISBN: 9781337402415. Schools can use the 4 th edition for the foreseeable future, the 4 th version is just hard to find and expensive. |
| What is the ideal format for course delivery – in person, online or blended? To what extent could this course be offered online if necessary? |
| Course can be taught partially online but also requires face-to-face meetings (blended). Predict approximately 25% of required seat time could be delivered remotely (Total seat time is 80 hours: 20 hours remote, 60 hours face to face). |
| How is the final grade for the course determined? (Please list all required assignments, assessments, etc.) |
| Final grade for course is determined by quizzes, tests, homework, and lab projects. There are tests for every module, various quizzes, and lab work. |
| 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 this course: A-90-100, B-80-89, C-70-79, D-60-69, F below 60. |
| Must students access the eLearn shell regularly to complete requirements? |
| Students must submit assignments through eLearn, have access to a thumb drive. |
| Does the course require access to YouTube, Google Drive, etc.? |
| Access to YouTube videos to supplement lecture and chapter readings. |
| Additional course details or requirements important for instructors not covered above: |
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| Most common (or popular) degrees this course is in? |

