

# DEA-BUILDING CONSTRUCTION TRADES ELECTRICAL EMPHASIS

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## Overview

DEA-Building Construction Trades - Electrical Emphasis Technical Certificate

Program Code: 40-413-CA

This is a Dual Enrollment Program for high school students. Find more information here: Dual Enrollment Programs at WCTC (<https://www.wctc.edu/academics/high-school-dual-credit/dual-enrollment-academy/>).

## Required Courses

| Code                  | Title                          | Credits      |
|-----------------------|--------------------------------|--------------|
| <b>Fall Courses</b>   |                                |              |
| 401-322               | Heating Systems Fundamentals   | 2            |
| 413-317               | Intro to Resid & Comm Wiring   | 2            |
| 413-561               | Blueprint for Electricians     | 1            |
| 475-105               | Basic Carpentry Theory 1       | 3            |
| 804-107               | College Mathematics            | 3            |
| <b>Spring Courses</b> |                                |              |
| 401-318               | Piping for HVAC                | 1            |
| 401-323               | Heating Controls               | 1            |
| 413-319               | Adv Residential & Comm Wiring  | 2            |
| 413-521               | Residential Desgn & Estimating | 0.75         |
| 475-107               | Carpentry Experience I         | 2            |
| 531-423               | Heartsaver/1st Aid/CPR/AED     | .7           |
| 801-311               | Communication in the Workplace | 2            |
| 890-108               | Employment Success             | 1            |
| <b>Total Credits</b>  |                                | <b>21.45</b> |