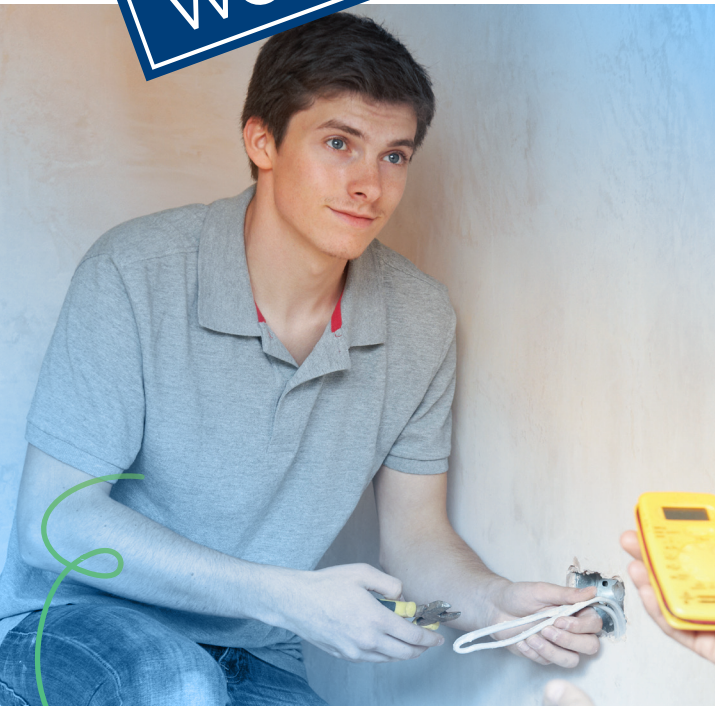




# DUAL ENROLLMENT ACADEMY for high school students



## BUILDING CONSTRUCTION TRADES Electrical Apprenticeship Emphasis 21-credit program

Building Construction Trades is one of the most enduring and rewarding careers. Whether you construct wood-framed residences, heavy construction commercial projects, industrial projects, or infrastructure projects, your legacy will stand for generations.

In the Building Construction Trades Electrical Apprenticeship Emphasis program, skilled journey-level trade workers will instruct construction safety, hand and power tool usage, wood framing and wiring basics, with an emphasis on ABC Electrical Apprenticeship coursework. This program can lead students to a variety of career paths within the construction trades, including apprenticeship options.

### Building Construction Trades Courses

#### Fall Semester Credits

475-105	Basic Carpentry Theory 1	3
413-317	Intro to Residential & Comm Wiring	2
401-322	Heating Systems Fundamentals	2
804-107	College Math	3
413-561	Blueprint Reading for Electricians	1

#### Spring Semester Credits

475-107	Carpentry Experience 1	2
801-311	Communication in the Workplace	2
401-323	Heating Controls	1
401-318	Piping for HVAC	1
413-319	Advanced Residential & Comm Wiring	2
890-108	Employment Success	1
413-521	Residential Design & Estimating	.75
531-423	Heartsaver/1st Aid/CPR/AED	.8

### DEA Students Earn

- OSHA 10-Hour for Construction Certificate
- Opportunity for industry recognized Youth Apprenticeship Certificate – Architecture and Construction

Continue on your educational pathway using your DEA credits at WCTC.

*Equal Opportunity Affirmative Action Employer/Educator*

**WCTC'S DUAL ENROLLMENT ACADEMY (DEA)** is designed to give high school students a jump start in high-demand occupations, awarding participants with a WCTC credential(s) upon successful completion along with earning high school credits. High school students will spend the majority of their school day, both the fall and spring semesters, at WCTC participating in DEA.

Prospective students should have a strong interest in pursuing a career in their chosen program option. Students must be in good academic standing with a minimum 2.0 high school GPA and also meet the WCTC program requirements. Parental and high school approval is required for a student to be accepted into the program.

### Next Steps

1. Meet with your High School Counselor/Dual Enrollment Coordinator to see if you qualify for WCTC DEA.
2. Attend a Dual Enrollment Informational Session at WCTC.
3. Complete a WCTC Dual Enrollment Academy Application and submit it to your High School Counselor/Dual Enrollment Representative for approval prior to the posted deadline.

[www.wctc.edu/dual-enroll](http://www.wctc.edu/dual-enroll)



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Higher Ed

800 Main Street, Pewaukee, Wisconsin 53072

**Questions?** Contact the Dual Enrollment Academy Coordinator, at 262.691.5557 or [DEA@wctc.edu](mailto:DEA@wctc.edu)

# Your DEA credits count!

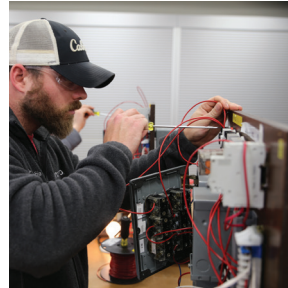
Pathway



9 DEA credits go toward:

## Building Trades - Carpentry

Carpenters complete jobs large and small – from building highways to installing cabinetry. In this program, become proficient at using power tools, hand tools and other equipment, and work with lumber, fasteners and hardware. Develop skills for framing, roofing and exterior/interior finish work, and study blueprint reading, math and estimating.



8 DEA credits go toward:

## Electricity

Learn to apply key electricity skills and knowledge in commercial, residential and industrial settings. Explore the National Electrical Code and emerging trends in the industry. Learn to read construction drawings and use appropriate safety measures when working with electricity.



6 DEA credits go toward:

## Refrigeration, Air Conditioning & Heating Service Technician

Heating, ventilation and air conditioning systems are critical in residential, commercial and industrial settings, and this field is one of the fastest-growing skilled trades. In this program, learn to safely install, maintain and service HVAC equipment. Also get an introduction to alternative energy systems such as photovoltaic, wind and hydroelectric.

## Plus

Upon signing an apprenticeship contract, a student can request from **ABC Apprenticeship credit for 83 of the required 200 hours of unpaid related instruction through the following courses:**

- **Blueprint Reading for Electricians**
- **OHSA 10**
- **Residential Design & Engineering**
- **Heartsaver/1st Aid/CPR/AED**

Continue on your educational pathway to a bachelor's degree!  
WCTC has many transfer agreements in place to make the process seamless.

To qualify for most federal and state financial aid, a student must be enrolled in a technical diploma or associate degree program.

WCTC prohibits discrimination or harassment based on any status protected by applicable state or federal law.



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