

WCTC PROGRAM LISTING

ARCHITECTURE AND CONSTRUCTION



Hands-on
Higher Ed

BUILD YOUR DREAM CAREER

By creating safe, efficient and functional systems and spaces, professionals in this industry have the opportunity to shape the way people live, work and interact with their surroundings. As the population grows and infrastructure continues to develop, so does the demand for skilled architecture and construction professionals. If you enjoy learning new things and having room to grow within your career, this constantly-evolving industry is for you.

Architectural Drafting/ Construction Technology

60-credit AAS | wctc.edu/architectural-tech

POTENTIAL CAREERS:

Drafter, CAD Technician, Architectural Designer

Architectural drafters work with engineers or architects to create technical design solutions as they relate to a building's functionality, performance and aesthetics. In this program, develop knowledge of building materials, systems and construction technology to produce drawings for construction from computer-aided drafting (CAD) applications or cutting-edge, computer-generated virtual models.

** Can be combined with the Interior Design program to complete two associate degrees in three years.*

[Click here for program courses](#)

Building Trades - Carpentry

27-credit TD | wctc.edu/carpentry

POTENTIAL CAREERS:

Construction Laborer, Finish Carpenter, General Carpenter

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.

[Click here for program courses](#)

Construction Management Technology

60-credit AAS | wctc.edu/construction-mgmt

POTENTIAL CAREERS:

Project Manager, Assistant Project Manager, Assistant Construction Manager

Gain the knowledge and skills needed to be a leader in residential, commercial or industrial construction. Hone your technical and engineering skills while exploring the business and management aspects of the industry. Learn how to manage contractors and construction workers to meet project deadlines and overcome potential obstacles.

[Click here for program courses](#)

Concrete Finishing (ABC)

12-credit APPR | wctc.edu/concrete

POTENTIAL CAREERS:

Concrete Finisher

Concrete finishers help build highways, skyscrapers, houses and other concrete structures. They finish flat surfaces such as floors, foundations and roadways, as well as vertical surfaces including walls, beams and girders. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

[Click here for program courses](#)

Why WCTC?

MAXIMIZE YOUR DEGREE POTENTIAL!
EARN TWO DEGREES IN JUST 3 YEARS.



Electrician (ABC)

16-credit APPR | wctc.edu/electrician

POTENTIAL CAREERS:

Electrician, Journeyworker, System Designer

Electricians specialize in handling all types of electrical systems for residential and commercial structures. They set up, repair and maintain wiring and electrical components including breaker boxes, switches, light fixtures, and telephone and television wiring. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

[Click here for program courses](#)

Electricity

26-credit TD | wctc.edu/electricity

POTENTIAL CAREERS:

Electrician, Journeyworker, Industrial Electrician

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.

[Click here for program courses](#)

Plumbing (ABC)

16-credit APPR | wctc.edu/plumbing

POTENTIAL CAREERS:

Master Plumber, Journeyworker, Plumbing Designer

Plumbers possess the skills and knowledge to plan, install and service plumbing systems, which can include those connected to washers, bathtubs, sinks, toilets, and heating and cooling systems. Receive high-quality, hands-on classroom instruction that complements on-the-job apprenticeship training critical for success in the industrial trades.

[Click here for program courses](#)

Refrigeration, Air Conditioning and Heating Service Technician

28-credit TD | wctc.edu/heating-cooling

POTENTIAL CAREERS:

Master Plumber, Journeyworker, Plumbing Designer

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.

[Click here for program courses](#)



Apply Online Now

wctc.edu/apply-online

Ready to take a closer look?

We'd love to show you around! Explore our state-of-the-art training facilities, cutting-edge technology, helpful student resources and more – in person or online.

Take a Campus Tour

Join us for a guided walking tour to get a first-hand look at our facilities and learn about all WCTC has to offer.



wctc.edu/visit

Connect with an Enrollment Counselor

Our friendly enrollment counselors are here to help you navigate the process of becoming a WCTC student.

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