



Construction Trades Core Classes



Prepare for apprenticeship or employment in the skilled trades such as HVAC, electrical, plumbing, or carpentry. This course series covers the core pre-apprenticeship curriculum of the National Center for Construction Education and Research (NCCER), which must be completed before other NCCER courses can be attempted. Topics include basic safety, construction math, hand and power tools, construction drawings, and employability skills.

What is the job outlook for Construction Trades?

Employment of construction laborers and helpers is projected to grow 12 percent from 2016 to 2026, faster than the average for all occupations. The national, average, annual wage for construction laborers was \$40,335 in May 2018 according to the Bureau of Labor Statistics (source: www.bls.gov)

Construction Trades Core

Focusing on apprenticeship or employment in the skilled trades, the two-course program will prepare individuals for Registered Apprenticeship in the construction/building trades. Registered Apprenticeship is available in the areas of HVAC, electrical, plumbing, and carpentry. The program covers the core apprenticeship curriculum of the National Center for Construction Education and Research (NCCER), which is recognized in Maryland and surrounding states. Topics include:

- Identify employment opportunities in the construction field and the role of apprenticeship in developing a skilled trades person.
- Discuss safety obligations to ensure a secure workplace.
- Explain the application of basic mathematical functions to the construction industry.
- Demonstrate the proper use of basic hand and power tools.
- Demonstrate the ability to interpret and use drawing dimensions.
- Explain how to safely move materials from one location to another on a job site and identify hazards associated with material handling.
- Discuss and demonstrate effective written and verbal communication skills.
- Discuss and role-play basic employability skills: critical thinking and decision-making, relationship skills, effective self-presentation, and teamwork.
- Identify OSHA safety requirements and the individual's role in creating a safe work environment.

How Do I Register?

Students can register online or by phone, fax, or email. To learn more, call 240-500-2236 or go to www.hagerstowncc.edu/construction.

