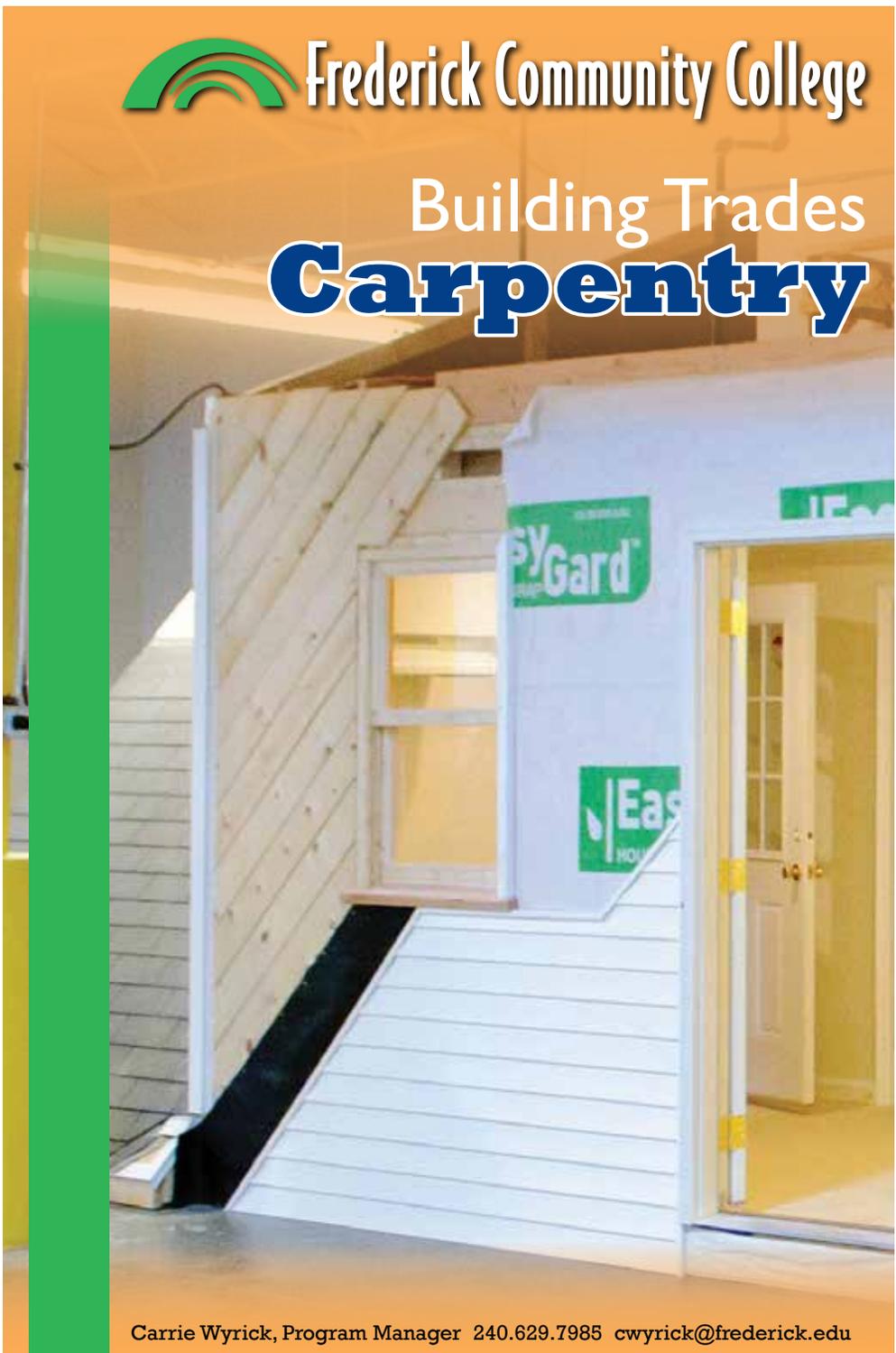




Frederick Community College

Building Trades Carpentry



Carrie Wyrick, Program Manager 240.629.7985 cwyrick@frederick.edu

CREDIT TRACK 4: CARPENTRY			
Class	Letter of Recognition	Career Certificate	Prerequisites
BLD 101 Introduction to Building Trades	3	3	EN 51 or ESL 97
BLD 131 Residential Carpentry I	4	4	EN 51 or ESL 97
BLD 135 Residential Carpentry II	4	4	BLD 131
BU 274 Customer Relations		3	EN 50A/EN 52 or ESL 95/ESL 99
INTR 102 Internship (Optional)		2	
Total credits	11	14-16	

CONTINUING EDUCATION CERTIFICATE: CARPENTRY		
Class	Continuing Education Certificate	Prerequisites
CAR 108 Residential Carpentry I	90 hours	EN 51 or ESL 97
CAR 110 Residential Carpentry II	90 hours	CAR 108
Total Hours	180 hours	

Building Trades Carpentry



FCC's Carpentry Trades Program

Frederick Community College offers a tiered set of training options to individuals seeking entry-level employment or career advancement within the carpentry trade. Coursework completed at each tier for a specific trade (known as a "track") may be applied to the next level to acquire additional skills and training.

Continuing Education Units (CEUs)

Formal recognition of an individual's completion of a designated program. Many professionals are required to earn CEUs to verify ongoing professional development.

Continuing Education Certificate – Career Training

Awarded upon successful completion of two basic 90-hour carpentry courses offering fundamentals, application, and specialized training.

Letter of Recognition (LOR) – (11 credits)

Introduction to the basics of residential carpentry.

Career Certificate – (14-16 credits)

To further build and individual's knowledge of the carpentry trade, the program incorporates a business course in customer relations and opportunities for internship. Earned within a specialized discipline, often designed for individuals seeking specific skills for entry into the job market.

The college prohibits discrimination against any person on the basis of race, religion, gender, color, national origin, ancestry, age, sexual orientation, marital status, physical or mental disability of otherwise qualified individuals and any other category protected by federal, state or local law. Frederick Community College subscribes to full access to all college facilities as outlined in the Americans with Disabilities Act of 1990 and as amended. The designated coordinator for the college's compliance with Section 504 of the Rehabilitation Act of 1973 and for the Americans with Disabilities Act is Kate Kramer-Jefferson, 301.846.2409.

Accommodation Statement Frederick Community College makes every effort to accommodate individuals with disabilities. If you have accommodation needs, please call 301.846.2408. To request a sign language interpreter, please call 301.846.2476 (Voice) or 240.575.2366/866.616.7243 (Videophone). Requests for any accommodation should be made at least five working days prior to attending a scheduled event.

Gainful employment For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website at www.frederick.edu/gainfulemployment.

Program Costs

Actual costs vary for in-county and out-of-county residents. FCC provides a tuition payment plan for most programs. Scholarship and loan assistance is available for eligible students. Visit us on campus or online at www.frederick.edu for updated course schedules, tuition, and fee information.

Mission

Provide students with a comprehensive mixture of academic and practical training in the areas involved in building trades technology.

Goals

Students will gain general knowledge of equipment and materials and develop skills required to be an entry level employee upon completion of designated programs.

Acquiring Industry Knowledge

Students successfully completing the program will understand how to:

- Apply safe hand and power tool operation
- Utilize proper dimensioning and measurement techniques
- Construct an interior and exterior wall with windows and doors
- Construct and layout floor system with load bearing walls and accompanying roof system
- Construct and layout basic stair system
- Estimate framing materials for wall, floor, and roof construction
- Interpret and apply blueprints, building codes and permit procedures

The Electrical Trades Industry

Related Job Titles:

- Carpenter
- Carpentry Apprentice
- Construction laborers and helpers
- Drywall installer

Job Outlook: Employment of carpenters is projected to grow 24 percent from 2012 to 2022, much faster than the average for all occupations. An increase in new-home construction due to population growth, increased home remodeling needs and the requirements to repair and replace infrastructure should spur demand for carpenters. Growth is dependent on spending by federal and state governments as they attempt to upgrade existing infrastructure.

Median Wage: The median annual wage of a fully-trained carpenter is \$39,940 per year. Wages vary based on the carpenter's experience, skill level, and industry of employment.

Description of Work: Carpenters construct and repair building frameworks and structures – including stairways, doorframes, partitions and rafters – made from wood and other materials. Carpenters may also install kitchen cabinets, siding, and drywall. Tasks include following blueprints and building plans to meet the needs of clients. Carpenters are responsible for measuring, cutting and shaping wood, plastic, and other materials when constructing and installing building framework. Carpenters may also inspect and replace damaged materials while directing laborers and construction workers.

TRADES & INDUSTRY: Carpentry

Opportunities in the Building Trades Industry

With increasing construction demands fueling the building trades industry, now is the best time to enhance your career and increase your earning potential with affordable professional training at FCC.

FCC's Building Trades program provides participants with the knowledge, high-tech skills, and hands-on experience at the Monroe Center, a state-of-the-art college training facility located within minutes of FCC's main campus.

Industry experts provide extensive, relevant instruction in classroom and fully-equipped labs. To best fit the needs of our students, both continuing education (noncredit) and academic (credit) training programs are available at FCC.

FCC's carpentry program prepares students for entry-level positions and apprenticeships in the carpentry trade. Most carpenters learn the trade in a 3- or 4-year apprenticeship during which time, at least 144 hours of technical training and 2,000 hours of paid on-the-job training must be completed each year. Several groups, including unions and contractor associations, sponsor apprenticeship programs. With experience throughout the entire construction process, carpenters often have opportunities to become independent contractors and general construction supervisors.

Data Sources: Bureau of Labor Statistics: www.bls.gov/ooh, Departments of Labor: www.dol.gov and www.dllr.state.md.us

Contact: **Carrie Wyrick**, • Program Manager **240.629.7985** • cwyrick@frederick.edu