

## Green Structural Iron & Steel Workers

**Median annual  
earnings: \$38,250**

### Occupation Description

Structural and reinforcing iron and metal workers place and install iron or steel girders, columns, and other construction materials to form buildings, bridges, and other structures. They also position and secure steel bars or mesh in concrete forms in order to reinforce the concrete used in highways, buildings, bridges, tunnels, and other structures. In addition, they repair and renovate older buildings and structures. Even though the primary metal involved in this work is steel, these workers often are known as ironworkers or erectors. Some ironworkers make structural metal in fabricating shops, which are usually located away from the construction site (Occupational Outlook Handbook).

### General Knowledge, Skills and Abilities Required for Success on the Job

- Active Learning
- Deductive Reasoning
- Installation
- Manual Dexterity
- Mechanical

### Education and Training Needed

Training and Education Profile of Current Structural Iron & Steel Workers

- Education: High School or Below
- Related Work Experience: 0 to <3 Months
- On the Job Training: 0 to 3 Months

### Training Providers

#### Goodwill of Greater Washington

Diane Jessup, CESS, Intake Coordinator  
2200 South Dakota Avenue, NE  
Washington, DC 20018  
202-715-2627 (Office)  
202-832-9782 (Fax)

#### Green Pathway DC Construction Program

Goodwill of Greater Washington, in coordination with the Green Builders Council of DC, administers a 10-week job training program for DC residents in the fields of sustainable building, weatherization, and smart meter installation. Green Pathway DC trains out-of-work and underemployed DC residents in high growth, high demand fields, creates a local workforce more capable of building energy efficient and environmentally sustainable buildings, homes, and neighborhoods, and provides a proven pathway to green jobs in DC. The program includes

employability skills training, pre-apprenticeship green construction instruction through the National Center for Construction Education and Research (NCCER) curriculum, and elective options in sustainable building, weatherization, and smart meter installation.

#### Admissions Criteria

- Complete a 10-week course; 8 am to 2 pm, Monday - Friday
  - Must complete CASAS (Comprehensive Adult Student Assessment Systems) math and reading assessment with a minimum 6th grade score
  - Access reliable transportation to come to training (a weekly transportation stipend is available).
  - Must be drug free and pass a drug screening
  - Must be 18 years old, a DC resident, and have obtained high school diploma or GED.
  - Must be able to provide documentation to verify DC residency, HS diploma or GED, Social Security #, Selective Service registration, and income (full documentation requirements will be given at intake orientation).
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#### Washington DC School of Carpentry

9109 Westphalia Road  
Upper Marlboro, MD 20774  
Phone: (301) 736-1696

#### **Carpentry Apprenticeship**

The Carpentry Apprenticeship program is a four-year program. The first three years consist of on-the-job training and classroom instruction, which includes blueprint reading, math, trade science, and lab. The apprentice attends school year-round, one week every three months. The school is set on a quarter schedule with the apprentice attending twelve quarters within three years, thus fulfilling the 660 school hours as required by the Apprenticeship Standards. There is no tuition.

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#### Spanish Catholic Center of Catholic Community Service

1618 Monroe St, NW  
Washington, DC 20010  
Phone: (202) 939-2426

#### **Pre-Apprenticeship Construction Program**

The Pre-Apprenticeship Construction Program is free for DC & MD residents who are 18 years old. There is a weekly stipend offered in addition to weekly bus passes and T-shirts. The class runs Monday through Thursday 8:30 a.m. to 2:00 p.m., with three cycles during the year with on-going registration. Ten-week classes include: Construction Safety OSHA-10, Technical ESL for Construction, Occupational Math, skills for employment search, Flaggers Safety, CPR training and Job Referral Assistance with Union Trades and Construction Companies. Hands-on practice at DC Habitat for Humanity every Thursday.

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#### Washington Area Women in the Trades (WAWIT)

624 Ninth Street, NW

Washington, DC 20001  
Phone: (202) 626-0700

**Pre-Apprenticeship Construction Program**

WAWIT is a 6-week, nontraditional employment training program with a classroom and experiential-based curriculum that prepares women for high-paying construction trade careers like carpentry, mechanics, electrician, plumber and more. Developed by Wider Opportunities for Women (WOW), YWCA, and the Community Services Agency of the Metro Washington Council, AFL-CIO, the program offers hands-on construction skills training at local trade union training sites with opportunities for certification; Adult Basic Education, Pre-GED and computer classes; job placement assistance; and comprehensive support services before, during and after job placement.