Careers in Construction

Consider exploring the vast world of Construction Careers!
Carpenter

Job Description

Design, build, and repair building frameworks and structures: stairways, doorframes, partitions, rafters, cabinets, siding, and drywall.

Salary Range
$24,880 – $72,580

Training
Technical School and Apprenticeship

RANDOM FACTS

Harrison Ford (Han Solo/Indiana Jones) started his career in Hollywood as a carpenter.

The term "penny", as it refers to nails, probably originated in medieval England to describe the price of 100 nails. Nails themselves were valuable and standardized to be used as an informal medium of exchange.
Electrician

Job Description
Installs and maintains electrical power, communications, lighting, and control systems.

Salary Range
$30,420 – $82,930

Training
Technical School and Apprenticeship

Random Facts
Master electricians train nearly as long as doctors (8 years).

Before George Harrison (of Beatles fame) became famous, he worked as an apprentice electrician.
HVACR

Heating Ventilation Air Conditioning and Refrigeration

Job Description

To work on heating, ventilation, cooling, and refrigeration systems that control the temperature and air quality in buildings.

Salary Range

$27,330 – $68,990

Training

Technical School and Apprenticeship

RANDOM FACTS

On July 17, 1902, Willis Carrier designed the first modern air conditioning system.

The development of modern A/C allowed for advances in technology, longer human life expectancy, reduction of diseases, and increased employee productivity (and we’re way more comfy!).
Mason

Job Description
Uses bricks, blocks, & stones to build fences, walkways, walls, and other structures.

Salary Range
$28,980 – $77,950

Training
Technical School and Apprenticeship

Random Facts
The skill and precision of the mason can never be replaced by machines.

Many of the world’s significant architectural achievements were built with masonry.
Plumber

Job Description
Installs and repairs pipes that carry liquids or gases to and in buildings.

Salary Range
$29,020 – $84,440

Training
Technical School and Apprenticeship

In 2004, there was over 91,000 miles of water distribution piping in the U.S. 78% of that pipe is made of PVC.

Albert Einstein was made an honorary member of the Plumbers and Steamfitters Union after he had announced that he would be a plumber if he had to live his life all over again.
**Structural Iron & Steel Worker**

**Job Description**
To install iron or steel beams, girders, and columns to form buildings, bridges, and other structures

**Salary Range**
$26,970 – $83,970

**Training**
Apprenticeship

**RANDOM FACTS**
The first all metal structure was built in the 18th century in England; cast iron bridge near Severn River.

If there were no ironworkers, cities like New York, Chicago, Los Angeles, and even Richmond would look very different than they do today.
Surveyor

Job Description

Makes precise measurements to determine property boundaries and the shape and contour of the Earth’s surface for engineering, cartography, and construction projects.

Salary Range
$32,190 – $90,920

Training
Apprenticeship

Random Facts

George Washington, Abraham Lincoln, John Adams, and Thomas Jefferson were all land surveyors.

Surveyors helped measure the distance of the earth to the moon within just a couple of feet by using reflector prisms that were placed on the moon by the first men who landed.