



Your Career in Construction

Building Skills

Building Futures



**VIVED Learning
Carpentry Course**

Your Career in Construction

Welcome to the gateway of endless possibilities in the construction world!

As you embark on the VIVED Carpentry course, you're not just learning a skill; you're laying the foundation for a future filled with exciting career opportunities.

The construction industry is vast, diverse, and ever-evolving, offering roles that cater to various talents and passions. Whether you dream of designing iconic buildings as an architect, managing large-scale projects as a construction manager, or crafting intricate wooden masterpieces as a carpenter, this ebook will illuminate the many paths you can take.

Remember, with the VIVED course, you're not just building skills; you're *building your future*. Dive in and discover where your passion in construction can take you!



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The Construction Industry in Numbers

Job Openings

The construction industry is growing, with an estimated **700,000** job openings are projected each year



Higher Salaries

Workers in the construction industry enjoy a higher salary than the average US worker; **\$50,000 vs \$45,000**



Diversity

The share of construction workers who are women is at an all-time high, **14%**, and has steadily increased since 2016



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Careers

Carpenter

Carpenters are skilled artisans who work with wood to construct, install, and maintain buildings, furniture, and other objects. Their tasks can range from framing walls and erecting roof structures in buildings to crafting intricate designs on furniture. They use a variety of tools, both hand and power-driven, to cut, shape, and fit materials together, ensuring precision and durability in their work.

Average salary in the United States: \$50,000



Architect

Architects design and oversee the construction of buildings, ensuring that structures are functional, safe, and aesthetically pleasing.

They work closely with clients to understand their needs, create detailed blueprints, and collaborate with construction teams to bring their designs to life. Architects also consider environmental factors, local laws, and budget constraints in their designs.

Average salary in the United States: \$80,000



Careers

Construction Laborer

Construction laborers and helpers play a foundational role in construction projects. They perform a broad range of tasks, from cleaning and preparing sites, digging trenches, setting braces, and erecting scaffolding. Their work often involves the use of hand and power tools, and they assist specialized contractors, such as electricians and plumbers.

Average salary in the United States: \$40,000



HVAC Technician

HVAC technicians work on systems that control the temperature, humidity, and overall air quality in homes, businesses, and other buildings. They ensure these systems operate efficiently and safely. Technicians must understand complex systems, from boilers to air conditioners and refrigeration units. They also troubleshoot issues and ensure compliance with safety standards.

Average salary in the United States: \$50,000



Careers

Construction Manager

Construction managers, often called general contractors or project managers, oversee and coordinate construction projects from start to finish. Their responsibilities include planning, budgeting, and supervising construction projects. They work closely with architects, civil engineers, and a variety of trade workers like carpenters and electricians.

Average salary in the United States: \$100,000



HVAC Technician

HVAC technicians work on systems that control the temperature, humidity, and overall air quality in homes, businesses, and other buildings. They ensure these systems operate efficiently and safely. Technicians must understand complex systems, from boilers to air conditioners and refrigeration units. They also troubleshoot issues and ensure compliance with safety standards.

Average salary in the United States: \$50,000



Careers

Masonry Worker

Masonry workers, or bricklayers, use bricks, concrete blocks, and natural stones to build structures like walls, walkways, and fences. They mix cement, cut and shape the materials, and ensure structures are set correctly. Masons often work on both new constructions and restoration projects, requiring a keen eye for detail and precision.

Average salary in the United States: \$50,000



Electrician

Electricians play a crucial role in ensuring that homes, offices, and industrial buildings have safe and efficient electrical systems. They install, maintain, and repair electrical wiring, equipment, and fixtures. Electricians also inspect electrical systems to identify hazards, defects, or the need for repairs to ensure compliance with codes.

Average salary in the United States: \$60,000



Careers

Building Inspector

Construction and building inspectors ensure that construction projects meet local and national building codes, zoning regulations, and contract specifications. They inspect building structures, plumbing, electrical, and other systems, ensuring that they are built correctly and safely. Inspectors often work for local governments but may also be self-employed.

Average salary in the United States: \$65,000



Sheet Metal Worker

Sheet metal workers design, fabricate, assemble, install, and repair the metal sheets used in a variety of industries. This can range from the ducts used in heating and air conditioning systems to roofs, siding, and gutters in building construction. They use tools to cut and bend the metal, ensuring accurate measurements and fittings.

Average salary in the United States: \$55,000



Careers

Plumber / Pipefitter

These professionals ensure that water and gas reach our homes and waste gets disposed of properly. Plumbers install and repair piping systems in homes, factories, and businesses. Pipefitters install and repair both high and low-pressure pipe systems used in manufacturing, in the generation of electricity, and in heating and cooling buildings.

Average salary in the United States: \$60,000



Construction Equipment Operator

Construction equipment operators handle the machinery that contributes to the building and infrastructure projects. From bulldozers to cranes, these operators maneuver heavy equipment to move earth, erect structures, or lay down asphalt. They must have an expert understanding of the machines they operate.

Average salary in the United States: \$50,000



Your Career in Construction

That was just a small sample of the many careers you can enjoy in the construction industry!

Remember that the real adventure is just beginning. The VIVED platform awaits you, ready to transform your curiosity into tangible skills and knowledge.

With every lesson, every module, and every hands-on experience, you'll be carving out your unique path in the vast world of construction.

The future is built by those who dare to dream and act on their passions. So, gear up, dive into the VIVED platform, and let's start building not just structures, but a future brimming with possibilities. Your exciting journey in the realm of construction starts now. Let's build it together!

Building Skills, Building Futures.
The VIVED Carpentry Team



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