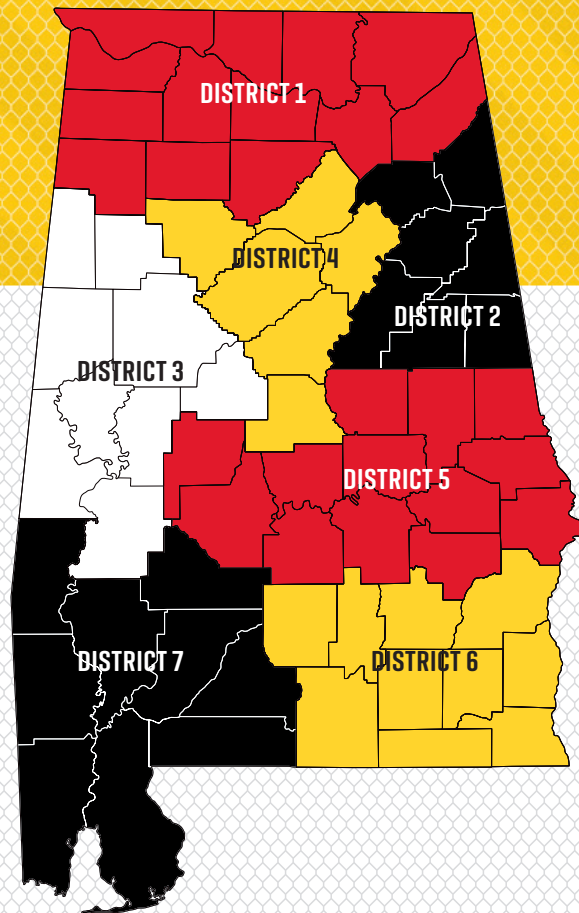


THE TRAINING

The future of Alabama's skilled workforce starts with you. Whether you're looking to learn a trade through hands-on apprenticeship workshops or expand your skillset with advanced training courses, there are hundreds of ways to take your construction career to the next level right here in Alabama. Check out the list below to find career opportunities near you.



DISTRICT 1

LAUDERDALE
LIMESTONE
MADISON
JACKSON
COLBERT
FRANKLIN
LAWRENCE
MARION
WINSTON
MORGAN
CULLMAN
MARSHALL
DEKALB

DISTRICT 2

ETOWAH
CHEROKEE
CALHOUN
CLEBURNE
TALLADEGA
CLAY
RANDOLPH

DISTRICT 3

LAMAR
FAYETTE
PICKENS
TUSCALOOSA

BIBB
SUMTER
GREENE
HALE
MARENGO

DISTRICT 4

BLOUNT
ST. CLAIR
WALKER
JEFFERSON
SHELBY
CHILTON

DISTRICT 5

COOSA
TALLAPOOSA
CHAMBERS
LEE
RUSSELL
PERRY
DALLAS
AUTAUGA
LOWNDES
ELMORE
MONTGOMERY
MACON
BULLOCK

DISTRICT 6

BUTLER
CRENSHAW
PIKE
BARBOUR
COVINGTON
COFFEE
DALE
GENEVA
HENRY
HOUSTON

DISTRICT 7

CHOCTAW
WASHINGTON
MOBILE
BALDWIN
CLARKE
WILCOX
MONROE
ESCAMBIA
CONECUH

THE SKILLED TRADES

Field Guide



Visit GoBuildAL.com





SKILLED TRADES

Looking to be more? Then go build! With more than 2,800 construction jobs opening each year in Alabama, there is a huge opportunity to advance your career by mastering a skilled trade. These positions below are just a sample of the many in-demand construction jobs across our state. **To start your journey towards a well-paying construction career, visit GoBuildAL.com**

Equipment Operators

TRAITS: READING SKILLS | MANUAL DEXTERITY
KEEN PERCEPTION



AVG. HOURLY WAGE:
SHEET METAL:
\$19.07
HVAC:
\$19.97

Equipment Operators are responsible for operating the machinery that is used to pave and surface roads as well as move heavy materials at construction sites. For Paving, Surfacing & Tamping Equipment Operators, duties may include clearing and grading land, building and maintaining roads and bridges, digging trenches, spreading asphalt, and constructing offshore oil rigs. Because equipment operation is more technologically advanced than in the past, today's contractors must also be skilled enough to set up and inspect the equipment, make adjustments, and perform minor maintenance and repairs. The equipment they operate may include bulldozers, trench excavators, road graders, cranes, rollers, forklifts, air compressors, milling machines, and asphalt spreaders.

Boilermaker

TRAITS: PHYSICAL STAMINA | MANUAL DEXTERITY
TECHNICAL SKILLS



AVG. HOURLY WAGE:
BOILERMAKER:
\$27.65

The name "boilermaker" originates from the craft of making, installing, and repairing boilers, but that's not all that these tradesmen do. **Boilermakers** produce steel fabrications from plates and sections, which means they also install and repair closed vats and other large vessels that hold and process oil, chemicals, beer, and hundreds of other products. In addition, boilermakers may work to install, repair, and maintain air pollution equipment, blast furnaces, water treatment plants, smokestacks, storage and process tanks, fireboxes, or hydroelectric power generation turbines.

Carpenter/ Millwright

TRAITS: AGILITY | HAND-EYE COORDINATION
PROBLEM SOLVING SKILLS



AVG. HOURLY WAGE:
CARPENTER:
\$19.72
MILLWRIGHT:
\$22.65

A **carpenter** works with wood and other materials to construct and maintain buildings and other structures. Carpenters also may erect scaffolding, build tunnel bracing, construct wooden forms for pouring concrete, or build concrete forms for tunnels, bridges, or other projects. A **millwright** installs, assembles, and dismantles machinery used by construction sites, factories, and power plants. These tradesmen consult instruction manuals and use tools such as levels, hydraulic torque wrenches, micrometers, and welding machines to get each machine up and running.

Roofers

TRAITS: STRENGTH | BALANCE | STAMINA



AVG. HOURLY WAGE:
ROOFER:
\$17.19

Roofers build, maintain, and repair the roofs of schools, hospitals, factories, homes, and other structures. These tradesmen use membranes, shingles, slate asphalt, aluminum, wood, gravel, and more to ensure construction is safe and effective. When starting a project, roofers construct insulation to protect against building movements due to weather and construction. These tradesmen must work with a variety of both hand tools and power tools, and they must develop physical fitness and an indifference to height and weather.

Insulation Worker

TRAITS: DETAIL ORIENTED | MANUAL DEXTERITY
PHYSICAL STRENGTH



AVG. HOURLY WAGE:
MECHANICAL:
\$21.92
FLOOR, CEILING & WALL:
\$18.08

Insulation workers install the materials used to control and maintain the temperature of buildings and mechanical equipment. Some types of insulation are fastened with adhesive, staples, or tape, while others, particularly in attics or exterior walls, are blown in using a machine. Mechanical Insulation Workers operate primarily on mechanical equipment whereas Floor, Ceiling, & Wall Insulation Workers deal with the structural elements of residential, commercial, and other buildings.

Linemen

TRAITS: BALANCE | HAND-EYE COORDINATION
PROBLEM SOLVING SKILLS

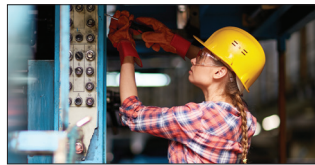


AVG. HOURLY WAGE:
LINEMEN:
\$31.71

Linemen are responsible for the construction and maintenance of our country's electrical power systems, including the installation and repair of power lines, transformers, capacitor banks, insulators, fuses, and more. A lineman maintains the entire power infrastructure between the point of origin and the point of delivery, working on both live and de-energized lines. A lineman's work often requires working high in the air, occasionally up to 300 feet off the ground, and sometimes requires working in underground vaults or trenches.

Electricians

TRAITS: BALANCE | HAND-EYE-FOOT COORDINATION
MECHANICAL APTITUDE



AVG. HOURLY WAGE:
ELECTRICIANS:
\$18.32

Electricians install and maintain the electrical systems and wiring that power the nation's businesses, factories, and homes. These tradesmen use blueprints to determine the locations of circuits, outlets, load centers, and panel boards and adhere to local, state and national building codes. When installing, electricians use hand tools such as screwdrivers, conduit benders, pliers, and wire strippers. Later, they use ohmmeters, ammeters, voltmeters, and other equipment to test connections and ensure that components are compatible and safe.

Pipefitter/ Plumber

TRAITS: ATTENTION TO DETAIL | MATH SKILLS
MANUAL DEXTERITY



AVG. HOURLY WAGE:
PIPEFITTER/
PLUMBER:
\$22.14

Pipe systems are used to transport water, steam, gas, waste, and other materials, and pipefitters and plumbers are responsible for keeping these systems maintained according to specifications and codes. Many tradesmen choose to specialize in either pipefitting or plumbing. **Pipefitters** work with the high-pressure and low-pressure pipe systems used in manufacturing, the generation of electricity, and the heating and cooling of buildings, while **plumbers** install and repair water, waste disposal, drainage, and gas systems in buildings of all sizes.

Welders

TRAITS: HAND-EYE COORDINATION | GOOD VISION
PROBLEM SOLVING SKILLS



AVG. HOURLY WAGE:
WELDER:
\$20.19

Welding, the process of fastening two pieces of metal together by softening with heat and applying pressure, is a versatile trade that equips welders to work in a variety of industries. Several other construction trades - such as pipefitters, boilermakers, and sheet metal workers - incorporate welding skills. Welding is also used to join beams during the construction of buildings, bridges, and other structures. These tradesmen often work from blueprints, using their knowledge and training to determine the best way to join the parts.

Brick and Block/ Cement Masons

TRAITS: PHYSICAL STRENGTH | MATH SKILLS | DEPENDABILITY



AVG. HOURLY WAGE:
BRICK & BLOCK:
\$19.41
CEMENT MASON:
\$18.60

Brick and blockmasons bind building materials such as brick, concrete block, cinder block, structural tile, and terracotta block with mortar and other substances to construct or repair walls, floors, fireplaces, and other structures. **Cement masons** work with concrete-one of the most durable materials used in construction - to place and finish concrete walls, foundations, beams, columns, and panels.

Structural Iron & Steel Workers

TRAITS: STRENGTH | BALANCE | STAMINA



AVG. HOURLY WAGE:
STRUCTURAL
IRON & STEEL
WORKER:
\$23.77

Ironworkers are responsible for constructing (and sometimes dismantling) bridges, towers, and much more. By bolting or welding structural columns, beams, and girders together, they construct the all-important "skeleton" of a structure. Ironworkers are sometimes required to interpret blueprints, and since they are constructing the framework of buildings, they often work at significant heights.

Sheet Metal Worker/ HVAC Technician

TRAITS: READING SKILLS | MANUAL DEXTERITY
KEEN PERCEPTION



AVG. HOURLY WAGE:
SHEET METAL:
\$19.07
HVAC:
\$19.97

Sheet metal workers fabricate, install, and maintain heating and air conditioning systems as well as perform architectural sheet metal work and a variety of other jobs involving sheet metal. Additionally, sheet metal workers construct appliances, heaters, and boilers. **HVAC Technicians** are trained to install, maintain, and repair heating and air quality in most buildings. Some workers specialize in a single area such as heating, air conditioning, or refrigeration.