



# **CONSTRUCTION CAREER & APPRENTICESHIP OPPORTUNITIES**

# WHAT IS AN **APPRENTICESHIP?**



## **HANDS-ON LEARNING + ON-THE-JOB TRAINING**

Union Apprenticeships offer the opportunity to begin your education and your career at the same time. Job placement begins right away and apprentices earn wages and benefits that increase as they master new skills on the job and in the classroom. Apprentices spend the majority of their time on the job site learning side by side from a journey-level tradesperson. Hands-on education is supported by classroom learning which includes text book, on-line and lab settings.

## **WORK + WAGES – WEEK ONE**

Job placement + wages begin right away in the union apprenticeship. You're getting paid to learn and getting paid more and earning benefits as you move along in the program and master the skills. Sound too good to be true? It isn't. The union construction industry has used this model of training for over 100 years. All union trades work with a network of employers who hire their people exclusively.

### **APPRENTICESHIP DURATION**

**2-5 YEARS**

duration varies by trade

### **STARTING APPRENTICE WAGE**

**\$12-15/HOUR\***

benefits when eligible

### **POST GRADUATION WAGE**

**\$28-39/HOUR\***

health and retirement benefits

\* varies by trade, subject to change

## ASBESTOS & ABATEMENT WORKERS

Established in 1991, the Asbestos Workers of Regional Local 207 is the newest labor union dedicated to providing union labor for the hazardous materials industry. Members are trained and certified in all facets of hazardous material handling including asbestos, lead and hazmat.

**CONTACT INFORMATION:**  
(734) 947.1745, [www.local207.org](http://www.local207.org)

## BOILERMAKERS

Construction and repair of utility plants, chemical plants, automotive plants, refineries, paper and steel manufacturing facilities, ore processing and mine plants throughout the entire State of Michigan.

**CONTACT INFORMATION**  
(313) 584.8520, [www.boilermakerslocal169.com](http://www.boilermakerslocal169.com)

## BRICKLAYERS & RESTORATION WORKERS

Construct walls, partitions, fireplaces, chimneys and other structures from brick. Use other masonry materials such as concrete, cinder or gypsum block; pre-cast panels made of brick, cement, tile, stone, marble, structural tile, or terra-cotta. Install the brick linings of industrial kilns and furnaces and masonry restoration and repair.

**CONTACT INFORMATION**  
(586) 754.0888, [www.bricklayers.org](http://www.bricklayers.org)

## CARPENTERS

Carpenters erect a building's wood frame, including subflooring, sheathing, partitions, floor joists, studs and rafters. They install heavy timbers, build forms, erect scaffolding and install molding, wood paneling, cabinets, window sashes, door frames, doors, hardware, build stairs, and lay floors. In addition, as part of their job, carpenters saw, fit and assemble plywood, wallboard and many other materials. Within carpentry, **floor layers** install carpeting, hardwood flooring, decorative flooring, soft tiles and "linoleum type" products made of vinyl and rubber is the work of floor layers. **Lathers** install all sorts of modern equipment and material in commercial buildings - acoustical ceilings, raised floors for computers, metal framing, wall partitions, and office furniture systems, just to name a few.

**CONTACT INFORMATION**  
(313) 832.1578, [www.hammer9.com/training](http://www.hammer9.com/training)

## CEMENT MASONS

Finish the exposed concrete surfaces on many types of construction projects. These projects range from small jobs, such as finishing patios, floors and sidewalks, to work on dams, concrete highways, foundations and walls of buildings, and airport runways.

**CONTACT INFORMATION**  
(586) 754.0888, [www.bricklayers.org](http://www.bricklayers.org)  
(248) 548.0800, [www.opcmiami.org](http://www.opcmiami.org)

## CONSTRUCTION CRAFT LABORERS

Laborers have common knowledge of all work performed by building tradespeople, for they are the tenders or helpers in the industry. They are divided into four general categories. **Commercial** may tend mason, place concrete, work with operators in site preparation, tend carpenters, clean up site. **Highway** may lay sewer and water mains, check road grade for operators, place concrete and asphalt, break and remove old concrete. **Underground** works as a pipe layer, tail man, top man installing sewer, water and gas lines. **Industrial Construction** involves new construction, remodeling and demolition in factory type buildings.

**CONTACT INFORMATION**  
(517) 625.4919, (906) 774.5703, (734) 729.7005, [www.mltai.org](http://www.mltai.org)

## DRYWALL FINISHERS/TAPERS

Apply drywall taping compounds and tape to wall surfaces, making finished walls in preparation for painters, paperhangers, carpenters, and tile layers.

**CONTACT INFORMATION**  
(586) 552.4474, [www.iupatdc1michigan.org](http://www.iupatdc1michigan.org)

## ELECTRICAL WORKERS

Lay-out, assemble, install and test electrical fixtures, apparatus, high voltage, medium voltage and low voltage electrical systems. Install and connect electrical machinery, equipment, controls, signal and communication systems, fire alarm, instrumentation, security and Audio Visual systems, switches, conduits, circuit breakers, wires, lights and other electrical components.

**CONTACT INFORMATION**  
(586) 751.6600, [www.detroitetc.org](http://www.detroitetc.org)

## ELEVATOR CONSTRUCTORS

Handle installation, repair, and maintenance of elevators, escalators, moving walks, dumbwaiters, shuttles, temporary elevators, private residence elevators, man-lifts and all types of handicap lifts and stair climbers.

**CONTACT INFORMATION**  
(313) 961.0717

## GLAZIERS AND GLASSWORKERS

Install glass and aluminum building components in new construction, residential and remodeling projects.

**CONTACT INFORMATION**  
(586) 552.4474, [www.iupatdc1michigan.org](http://www.iupatdc1michigan.org)

## HEAT & FROST INSULATORS

Includes application of insulation, wrapping pipes and tanks for heat, frost and condensation insulation in industrial settings (factories, power plants, etc.).

**CONTACT INFORMATION**  
(248) 352.1850, [www.insulators.org](http://www.insulators.org)

## IRON WORKERS

Structural Iron Workers assemble, erect and install fabricated iron sections. **Ornamental Iron Workers** install metal stairways, window walls and sashes, doors, gates, fences, railings, etc. **Reinforcing Iron Workers** are employed wherever reinforced concrete is used in the construction of such things as buildings, freeways, bridges and drainage channels. **Special Building Erectors** erect pre-engineered buildings. **Rigging and Machinery Movers** load, unload, move and set machinery, equipment and material using cranes, derricks, forklifts or by hand, utilizing a series of blocks and tackle.

**CONTACT INFORMATION**  
(248) 960.2130, [www.ironworkers25.org](http://www.ironworkers25.org)

## MILLWRIGHTS

Millwrights are construction mechanics with skills in moving, leveling, aligning and installing large machinery. Also part of the Millwright's scope is rigging, erecting, splicing of belts, cleaning, lubricating and replacing gears, fabrication and installation of conveyor systems, turbines and generators, automated systems and welding. Millwrights also repair all of the above systems as well as install them.

**CONTACT INFORMATION**  
(586) 573.4660, [www.millwrightstraining.com](http://www.millwrightstraining.com)

## OPERATING ENGINEERS

Operate and maintain heavy and portable construction equipment. Work includes operation and maintenance of construction equipment such as bulldozers, graders, cranes, scrapers, loaders, asphalt plants, rollers and pumps, etc., on all types of projects. The Operating Engineer is generally employed in the building of highways, airports, buildings, sewers, waterways and stadiums.

**CONTACT INFORMATION**  
(888) 256-9610, [www.OE324.org](http://www.OE324.org)

## PAINTERS

Prepare the surfaces of buildings and other structures and then apply paint, varnish, enamel, lacquer, and similar materials to these surfaces.

**CONTACT INFORMATION**  
(586) 552.4474, [www.iupatdc1michigan.org](http://www.iupatdc1michigan.org)

## PIPEFITTERS, REFRIGERATION, AND AIR CONDITIONING SERVICE

Install both high and low -pressure pipes that carry hot water, steam and other liquids and gases, especially those in industrial and commercial buildings.

**CONTACT INFORMATION**  
(248) 585.0636, [www.pipefitters636tc.org](http://www.pipefitters636tc.org)

## PLASTERERS

Finish interior walls and ceilings by using a one, two or three-coat system over interior lathe. Install insulated finish systems, apply stucco to exterior walls and ceilings and soundproof and fireproof buildings. Create specialized molds and can have a major role in renovating historic buildings.

**CONTACT INFORMATION**  
(248) 548.0800, [www.opcmiami.org](http://www.opcmiami.org)

## PLUMBERS

Alter, repair, maintain and install plumbing systems, plumbing fixtures and appliances, water distribution and waste disposal systems. Install the medical gas systems in health care facilities.

**CONTACT INFORMATION**  
(248) 585.1435, [www.plumbers98tc.org](http://www.plumbers98tc.org)

## ROOFERS AND WATERPROOFERS

All types of commercial buildings, from the small corner store to the huge "square miles" of automotive plants, buildings ranging in height from one story to the tallest 100 story skyscrapers. Install a wide variety of roofing materials, generally on flat roofs. The roofs are generally made up of hot tar, hot asphalt, modified bitumen, or rubber membrane.

**CONTACT INFORMATION**  
(586) 759.2140, [www.smrca.org](http://www.smrca.org)

## SHEET METAL WORKERS

Make, install and maintain air-conditioning, heating, ventilation and pollution control duct systems; roofs, siding; rain gutters and downspouts; skylights; restaurant equipment; outdoor signs; and other building parts and products made from metal sheets. Work with fiberglass and plastic materials. Although some workers specialize in fabrication, installation or maintenance, most do all three jobs.

**CONTACT INFORMATION**  
(586) 979.5190, [www.smw80jac.org](http://www.smw80jac.org)

Work in today's industrial sheet metal construction industry including heavy jobs that are related to manufacturing and installation of automotive and industrial paint finishing systems.

**CONTACT INFORMATION**  
(248) 589.2502, [www.smw1292jadc.org](http://www.smw1292jadc.org)

## SPRINKLER FITTERS

Install fire suppression systems of all types including wet and dry, carbon dioxide and foam. Work in both commercial and residential buildings. Work includes unloading, handling and installing piping, tubing and related materials. Install overhead and underground water mains, fire hydrant mains and hydrant mains, standpipes and hose connections, sprinkler tank heaters, air lines and thermal systems connected to sprinkler and alarm systems.

**CONTACT INFORMATION**  
(248) 474.7553, [www.local704.org](http://www.local704.org)

## TILE, MARBLE, AND TERRAZZO MASONS

Construct walls, partitions, fireplaces, swimming pools and other structures from tile, marble and terrazzo. Use other materials such as cement, epoxy, tile, stone, marble, terrazzo and terra cotta.

**CONTACT INFORMATION**  
(586) 754.0888, [www.bricklayers.org](http://www.bricklayers.org)

# THE DETAILS

## GRADUATE DEBT FREE

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Similar to a full ride scholarship, union apprenticeship education is privately funded by the partnership between labor and management for each trade. Apprentices graduate DEBT FREE, while they earn wages + benefits.

## REQUIREMENTS

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Union construction apprenticeships are offered by all of the affiliated union building trades. The apprenticeship programs are custom for each trade in content and duration, but offer a similar experience that includes hands-on learning, classroom education, wages & benefits. Start the program, learn on-the-job and in the classroom and GET PAID TO DO IT.

Union apprenticeships require a high school diploma or G.E.D., most require individuals be 18 years of age at time of application, have a valid driver's license and reliable transportation, possess a strong work ethic and successfully pass a drug test. Some programs also prefer or require specific levels of higher math attainment. Please contact each trade directly for specific application information.

## MATH SKILLS

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The construction industry often requires applied and advanced math skills including proficiency in algebra, geometry, trigonometry and applied math. Math skills are used daily in many of the trades and required by some for application in to the program.

## DRUG-FREE WORKFORCE

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Construction sites demand a drug-free environment focused on safety and productivity. Drug testing is part of the application process and an on-going part of a construction worker's career.

## THE PROCESS

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To apply for union apprenticeship, please contact the individual trade union or training center for which you wish to apply as noted in this brochure. The application process may be completed in person or on-line depending on the trade and may include verification of high school or G.E.D. transcripts, an aptitude test, an interview and successful completion of a physical exam and drug test.

## CONSTRUCTION CAREERS

# YOU REALLY CAN GO ANYWHERE FROM HERE.

Construction apprenticeships in the union building trades create life-long careers and are the foundations for a variety of trade, management and construction related opportunities.



**M.U.S.T (Management & Unions Serving Together)** represents a coalition of union contractor associations and the skilled trades affiliates of the Michigan Building & Construction Trades Council working together to support the organized construction industry.

For more information on the application process, please contact each trade directly or visit [www.MUSTcareers.org](http://www.MUSTcareers.org)