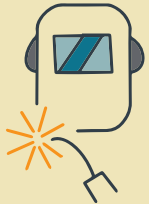










# CONSTRUCTION

## CAREER MAP

	HIGH SCHOOL DIPLOMA/ EQUIVALENCY	VOCATIONAL CERTIFICATE (1-2 YEARS)	ASSOCIATE'S DEGREE (2-3 YEARS)	BACHELOR'S DEGREE (4 YEARS)
CONSTRUCTION TRADES	Construction Laborers  Roofers  Pipelayers  Foremen	Carpenters  Plumbers  HVAC Mechanics and Installers  Construction Equipment Operating Engineers  Electrician Assistants	Electricians  Welders	
ADMINISTRATION AND MANAGEMENT	Office Clerks			Construction Managers  Operations Managers  Cost Estimators  Sales Representatives  Civil Engineers  Electrical Engineers  Project Managers
POST-CONSTRUCTION/ MAINTENANCE	Maintenance and Repair Workers  Maintenance and Repair Assistants	Telecommunications Line Installers and Repairers  Telecommunications Equipment Installers and Repairers  Electrical Power-Line Installers and Repairers		
SUSTAINABLE CONSTRUCTION	Water Treatment Specialists  Hazardous Materials Removal Workers			Environmental Planners  Sustainability Coordinators  Energy Engineers  Urban Planners

The Construction sector comprises establishments primarily engaged in the construction of buildings or engineering projects (e.g., highways and utility systems). Construction work done may include new work, additions, alterations, or maintenance and repairs.

NOTE: PATHWAYS WITH NO OCCUPATIONS LISTED UNDER AN EDUCATION LEVEL INDICATES NO HIGH-GROWTH OCCUPATIONS AT THAT LEVEL



# CONSTRUCTION

## CAREER MAP

	DESCRIPTION	SKILLS, CERTIFICATIONS, AND EXPERIENCE	NUMBER OF JOB POSTINGS (2018)	AVERAGE SALARY RANGE
CONSTRUCTION TRADES	The Construction Trades pathway consists of careers that most people think of regarding the construction industry. There are many construction trades including plumbing, HVAC, electrician, and carpentry that offer well-paying salaries and opportunities for advancement.	<ul style="list-style-type: none"> <li>Physical Abilities</li> <li>Communication Skills</li> <li>Repair Experience</li> <li>Hand Tool Experience</li> </ul>	4,000	\$29,400 - \$54,900
ADMINISTRATION AND MANAGEMENT	Administration and Management plays a large role in the construction industry, as firms need people to project manage and handle internal tasks. Many workers start out in the construction trades and move up to management roles.	<ul style="list-style-type: none"> <li>Communication Skills</li> <li>Organizational Skills</li> <li>Project Management Experience</li> <li>Licensed Professional Engineer</li> </ul>	1,100	\$32,300 - \$140,000
POST-CONSTRUCTION/ MAINTENANCE	Careers in the Post-Construction and Maintenance pathway are responsible for maintaining and repairing equipment like power lines, underground cables, and roads. Workers may also perform inspections to ensure newly constructed or renovated projects meet industry and legal safety standards.	<ul style="list-style-type: none"> <li>Physical Abilities</li> <li>Troubleshooting Skills</li> <li>English Speaking Skills</li> <li>Repair Experience</li> </ul>	300	\$31,500 - \$55,200
SUSTAINABLE CONSTRUCTION	The Sustainable Construction sector is rapidly growing as employers and local policy mandates require more environmentally-friendly construction practices. Careers in this field may include working in alternative energy industries like solar, wind, and nuclear, and daily tasks may involve certifying construction projects for sustainability and promoting the use of "green" construction materials.	<ul style="list-style-type: none"> <li>Planning Skills</li> <li>Communication Skills</li> <li>Environmental Planning Experience</li> <li>Project Management Experience</li> </ul>	400	\$27,200 - \$78,600

Sources: JobsEq, 2018; Burning Glass, Labor Insights, 2018; NAICS.com, 2019 Mecklenburg County