



Construction and Sustainability, Architecture, Engineering and Robotics in New York City

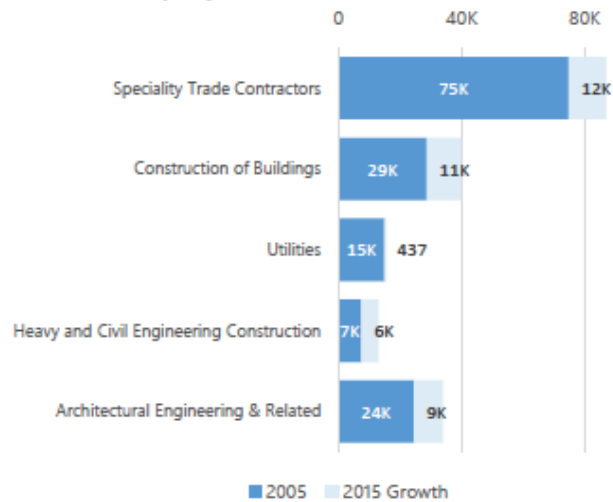
What is it? This sector includes businesses involved in the construction of buildings or engineering projects, as well as services provided by architecture and engineering firms. Building operations jobs are important in sustainability.

Key Sector Trends

- Construction is sensitive to the general business cycle, but is likely to be stable over the next few years.
- Jobs in construction trades are not typically advertised online.
- Jobs in building operations are generally stable.
- Most jobs in architecture and engineering require a bachelor's degree.

Employment growth. Employment growth in this sector from 2001 to 2015 grew faster than NYC as a whole.

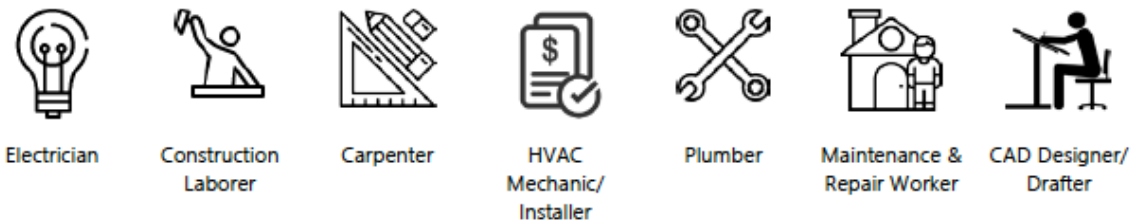
Employment Growth 2005 - 2015



Top 3 Skills & Certifications

Good communication and troubleshooting skills are among the top skills required in this field. The ability to write clearly is also greatly valued by employers.

| General Skills | Specialized | Technology | Certifications |
|----------------------|-------------|-------------------|------------------|
| Communication skills | Repair | Microsoft Excel | Commercial |
| Physical demand | HVAC | AutoCAD | Driver's License |
| Trouble shooting | Hand Tools | Adobe InDesign | OSHA 10 |
| Writing | Blueprints | Adobe Illustrator | Certification |
| | | Revit | |



Adapted from material created by the NYC Labor Market Information Service, CUNY Graduate Center.