Types of Employment

<table>
<thead>
<tr>
<th>Schedule</th>
<th>Wage/Salary</th>
<th>Payments</th>
</tr>
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What is your next step after high school if you are interested in this field?

What are some sample career paths that people can follow?

- Building and maintaining green buildings includes such things as:
  - Using recycled materials
  - Installing energy efficient windows, doors, and appliances
  - Designing building systems that use less energy and water
  - Saving water by using low-flow fixtures

What are Green Buildings?

Green buildings are designed to use less energy and water than traditional buildings. They are built using sustainable materials and construction techniques that reduce their environmental impact. Green buildings can also improve the health and comfort of their occupants by providing better indoor air quality and energy efficiency.

Mapping Your Future

Building and Maintaining Green Buildings

- Installing heat recovery systems that use waste heat instead of mechanical power for heating or air conditioning
- Using renewable materials, such as bamboo or recycled wood
- Installing efficient lighting and electrical systems
- Using renewable energy sources, such as solar panels or wind turbines

Office of Postsecondary Readiness (OPSR) New York City Department of Education 52 Chambers Street New York, NY 10007

Find someone who works in the industry – ask your friends, parents, teachers and neighbors if they can introduce you. Ask if they are willing to talk with you for a few minutes.

Put Yourself on the Map:

Make sure to send a thank you note, and in no time you'll be on your way. For more information about this industry and how to get started, ask a teacher, guidance counselor or parent to help.

What else can you find out about this field? You're not asking there to find a job; you're only asking to listen and learn about their experience. If you ask in a professional manner, many people are happy to speak with you. If you're nervous about this, ask a teacher, guidance counselor or parent to help you.

Before you meet with the person, review this brochure and write down any questions you have:

- What do you spend your day doing in the job?
- How did you get started in this field?
- How much reading, writing or math do you do in your job?
- How many years of schooling do you need to get this job?
- Do you have a routine set of tasks you do every day or do you work different every day?
- Do you work the same schedule every week, or does it change?
- What courses would I take in high school or college to prepare for this job?
- What is my next step after high school if I'm interested in this field?
- Where can I find people who can help me learn more about this field?

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High School Diploma/ Equivalent and Training

- **Construction Laborer**
  - Pay: $36,000 to $44,000 per year
  - Duties: May also perform basic tasks such as caulking sites. May be responsible for recycling materials around windows and add sweeps under doors.
  - Knowledge of green construction standards and practices.

- **Carpenter**
  - Pay: $34,000 to $70,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green carpenters have a greater knowledge of green building standards and practices.
  - Knowledge of building systems plus advanced understanding of building systems plus advanced understanding of building systems.

- **Electrician**
  - Pay: $69,000 to $170,000 per year
  - Duties: Set up solar panels used for electricity and install electricity meters so that customers are more aware of their energy use, and install Energy Star appliances.
  - Knowledge of engineering decisions, minimize environmental impacts and support sustainability goals.

- **Civil Engineer**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green civil engineers study the environmental impacts of construction projects and the systems they are being built to operate efficiently and effectively.
  - Knowledge of principles of green construction.

- **Architects**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green architects plan, direct or coordinate the construction of buildings and systems. Make sure the work is being done the way they are supposed to and in sync with other building systems.
  - Knowledge of principles of green construction and an audit vary depending on a building's size and that other green standards are being met.

- **Building Controls Systems Technician**
  - Pay: $69,000 to $170,000 per year
  - Duties: Ensure building systems operate efficiently and effectively; schedule and coordinate repairs of building systems; write and edit blog entries and do research.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Mechanical Engineer**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green mechanical engineers plan, design, and oversee construction projects. Ensure buildings are in accordance with codes.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Building Superintendent**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green building superintendents are responsible for ensuring recyclable materials are recycled and that building systems operate efficiently and effectively.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Handyperson**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green handypersons are responsible for ensuring recyclable materials are recycled and that building systems operate efficiently and effectively.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Building Inspector**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green building inspectors are responsible for ensuring recyclable materials are recycled and that building systems operate efficiently and effectively.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Construction Project Manager**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green construction project managers are responsible for ensuring recyclable materials are recycled and that building systems operate efficiently and effectively.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Mechanical Manager**
  - Pay: $69,000 to $170,000 per year
  - Duties: Plan, design, and oversee construction projects. Ensure buildings are in accordance with codes. Green mechanical managers are responsible for ensuring recyclable materials are recycled and that building systems operate efficiently and effectively.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Clean Tech Marketing Intern**
  - Pay: $29,000 to $71,000 per year
  - Duties: Assist with development of marketing strategies. These are high level intern positions in the clean tech industry; in both sales and marketing.
  - Knowledge of principles of green construction and that other green standards are being met.

- **Sales Account Executive**
  - Pay: $29,000 to $71,000 per year
  - Duties: Sell products and solutions that optimize energy and environmental performance of building systems. These sales account executive positions are designed to be an entry level position.
  - Knowledge of principles of green construction and that other green standards are being met.