# Learning Objectives

1. Develop an understanding of energy efficiency, resource conservation, water conservation, and indoor air quality.
2. Understand the benefits of green building.
3. Understand the principals of green building design.
4. Learn to develop and market a Green Business (consumer preferences, marketing tools, effective language, and green business case studies).

**Course Overview**

This is an introductory class to help you think about how to approach the questions that arise in green building. We’ll look a little deeper into these Green Issues:

* Water
* Energy
* Resources
* Indoor Air Quality
* Community

We’ll learn about these issues through this pathway:

* Basic Building Science
* Designing and Building the Home
* Marketing Green Building

We’ll also provide:

* A better understanding about “green” tradeoffs, the realities of the marketplace, and the lack of perfect information
* Basic Resources and Tools to utilize in your business
* An opportunity to network your business
* Not every material & system will be covered in this training or in the detail/time you might desire. We chose topics/time relevant to a 101 training. More details and topics are covered in our other Trainings.

# Course Syllabus

1. Green Building Overview
   1. Holistic Approach
2. Building Science
   1. Energy
   2. Water
   3. Indoor Air Quality
   4. Materials
3. Construction Components
   1. Design
   2. Structure
   3. Envelope
   4. Systems
   5. Interiors
   6. Finishes
4. Landscaping
   1. Landscape Locally
   2. Landscape for Less to the Landfill
   3. Nurture the Soil
   4. Conserve Water
   5. Conserve Energy
   6. Protect Water & Air Quality
   7. Create Wildlife Habitat
   8. Examples
5. Maintenance
   1. Interior
   2. Exterior
   3. Landscape
   4. Products
6. Marketing and Selling Green Building
7. Resources
   1. Build It Green
   2. LEED for Homes
   3. GreenPoint Rated Program
8. Certification Exam