

Lesson 2.1 Residential Design

Preface

Effective residential design requires a wide range of skills and knowledge. Successful designers understand and apply the science and technology of building systems, materials, and construction. They also understand the needs and desires of their clients and the community. They are able to communicate their ideas and solutions effectively. They are also able to work with others to create a design that meets the needs of the client and the community. This lesson is designed to help students understand the importance of residential design and the skills and knowledge required to be a successful residential designer.

In order to create an efficient and cost-effective building, the designer must understand the building systems and structures. This includes understanding the building systems and structures, the building materials, and the building processes. It is also important to understand the needs and desires of the client and the community. The designer must be able to communicate their ideas and solutions effectively. They must also be able to work with others to create a design that meets the needs of the client and the community.

During the design process, the designer will be working with a team of professionals, including architects, engineers, and contractors. The designer will be responsible for creating the design and for coordinating the construction process. The designer will also be responsible for ensuring that the design meets the needs of the client and the community. The designer will be working with a team of professionals, including architects, engineers, and contractors. The designer will be responsible for creating the design and for coordinating the construction process. The designer will also be responsible for ensuring that the design meets the needs of the client and the community.

Learning Objectives

1. Understand the design process and the role of the designer in the design process.
2. Understand the design process and the role of the designer in the design process.
3. Understand the design process and the role of the designer in the design process.

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