

Improving our world through thoughtful building design and development!

Students learn the fundamentals of building design, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software.

You can change the world, one project at a time.

. A (A)
, ,



Unit 1: Overview of Civil Engineering and Architecture

1

Lesson 2.1 Building Design and Construction

3

Lesson 2.2 Cost and Efficiency Analysis

Lesson 2.3 Residential Design

Unit 3: Commercial Applications

3

.A

Commercial Applications Lesson Summary

- 3.1
- 3.2
- 3.3

Unit 4: Commercial Building Design Problem

Commercial Building Design Lesson Summary

- 4.1
- 4.2

Lesson 4.1 Commercial Design Problem

A

Lesson 4.2 Commercial Design Presentation