

## Construction 2

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### Course Description

\*\*\*Prerequisite: Construction 1\*\*\*

In this course students will be learning the interior completion of the house. This will include the following areas: electrical, plumbing, heating, kitchen layout, bathroom layout, bedroom layout, insulation, wall covering, floor covering and trim work. Each one of these units will take about two weeks to complete and will end with a project for each of the units.

Alignment with the Common Career Technical Core: Construction Career Pathway standards 10-18.

***COMMENT: Safety glasses are required at all times if anyone is working/using tools/equipment in the room. A fee will be assessed for material consumed for optional projects. If this is a financial burden, please speak to the instructor, guidance counselor, or principal. Cost will not prevent a student from involvement in this program!***

### Standards

This course is designed in alignment with the Iowa Core Curriculum 21st century technological literacy skills, as well as the ITEA Standards for Technological Literacy.

### Assessments

Assessments may include, but not limited to: formative, summative, peer, and self-assessment.

Quizzes- Students will have to pass a safety quiz for each of the machines that they will be operating in the class. A student is only considered to have passed the quiz if they score 100%. If they failed to receive a score of 100% they will re-take it until they achieve that score.

### Content

Class topics may include, but not limited to:

- Safety practices on a construction job site.
- Math skills needed in the area of construction.
- Safely use basic hand tools.
- Safely use power tools.
- Wire basic residential circuits.
- Basic residential plumbing.
- Heating and cooling a residential home.
- Insulating a residential home.
- Interior wall coverings.
- Finish carpentry.

**Instructional Strategies**

Strategies may include, but not limited to: individual, group, assignments, and projects.

**Resources**

Resources may include, but not limited to: books, demonstrations, websites, and handouts.

**Academic/Behavioral Expectations**

See General Info attachment.

**Grading Plan**

See General Info attachment.

**Communication Plan**

Phone number and email address listed above. Also see General Info attachment.