

Digital Electronics

Digital Electronics is the study of circuits that are used to process and control digital signals. Digital electronics is the foundation of all modern electronic devices.

Student Portfolios:

Resume, and letters of recommendation, and examples of their work.

Foundations of Digital Electronics:

Scientific and Engineering notation

Electronic Component Identification

Electron Theory & Circuit Theory Laws

Circuit Simulation

Breadboard Prototyping

Soldering electronic components on to a circuit board

Circuit Design

Combinational Logic Analysis and Design

Sequential Logic Analysis and Design

Students are learning about building and soldering circuit boards.

Projects:

Building and soldering circuit boards.

Breadboard Prototyping