

The following learning targets represent the major concepts studied and assessed in this course.

Semester 1

Unit 1: Design & Problem Solving:

- Engineering Notebooks
- Design Process
- Evaluate Solutions

Unit 2: Assembly Design:

- Sketching
- Measuring
- Unit Conversions

Semester 2

Unit 3: Thoughtful Product Design:

- Product Life Cycle
- Sustainable Design
- Design Ethics

Unit 4: Making Things Move:

- Cams
- Friction: Design
- Circuit Basics