

ENGINEERING DESIGN 1

Requirement area: **CTE or Elective**

Course code: VED101

Grade Level: 9, 10, 11, 12

Prerequisite: None

Length: Yearlong (1.0)

Homework: None

Designator: DC

Description: This course introduces students to the design process used in industry by creating a series of drawings, reading blueprints and the build processes in order to complete a series of projects. Students will be able to work with CAD software (Computer-Aided Design), CNC machines, 3D printers and basic woodworking tools. Students in this course will learn to read and follow directions to produce a project.