

CONCEPT The engineering design process is a series of steps engineers follow to come up with a solution to a problem. Many times, the solution involves designing a product (like a machine or computer code) that meets certain criteria and/or accomplishes a specific task.

BACKGROUND

Modern engineering design and drafting can be traced back to the development of descriptive geometry in the 16th and 17th centuries. Drafting methods improved with the introduction of drafting machines, but the creation of engineering drawings changed very little until after World War II.

Patrick Hanratty and Ivan Sutherland contributed significantly to today's well-known Computer-aided Design (CAD), a faster and more accurate tool compared to previous drafting methods.

REAL WORLD CONNECTIONS

- Writing
- Decision-making
- Designing
- DIY projects
- Working in group projects
- Planning dinner for the family

