

Engineering Design Process

Step 1 – UNDERSTAND – Define the Problem

Step 2 – EXPLORE – Do Background Research

Step 3 – DEFINE – Determine Solution Specifications

Step 4 – IDEATE – Generate Concept Solutions

Step 5 – PROTOTYPE – Learn How Your Concepts Work

Step 6 – CHOOSE – Determine a Final Concept

Step 7 – REFINE – Do Detailed Design

Step 8 – PRESENT – Get Feedback & Approval

Step 9 – IMPLEMENT – Implement the Detailed Solution

Step 10 – TEST – Does the Solution Work?

Step 11 – ITERATE – Do the process all over again