ENGINEERING DESIGN PROCESS
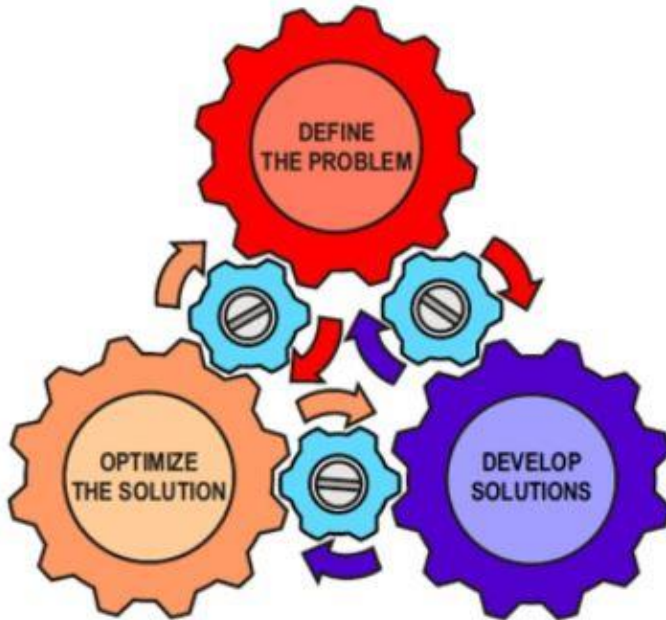
Engineers use a process to solve problems.

1) **Define the Problem:** Research the problem and interview stakeholders so we can define our criteria for success and the constraints that limit our solutions.

2) **Develop Solutions:** Imagine possibilities and research solutions. Evaluate our solutions based on our criteria and constraints.

3) **Optimize the Solution:** Develop a model to test our solution and use our results to improve it.

DEFINE THE PROBLEM

OPTIMIZE THE SOLUTION

DEVELOP SOLUTIONS