

ENGINEERING DESIGN PROCESS

**YOU ARE AN
ENGINEER!**

PROBLEM

**WHAT
IS THE
PROBLEM?**

CONTEXT

SPECIFICATIONS

NEED

BRAINSTORM

**GENERATE
DESIGN
SOLUTIONS**

RESEARCH

**SHARE
IDEAS &
SELECT**

**COMMUNICATE
FINDINGS**

**IMPROVE
MODEL**

**COMPLETE
DETAILED
DESIGN**

**CREATE AND
IMPROVE
MODELS**

**TEST &
EVALUATE**

**CONSTRUCT
MODEL**