

# Assignment 1.7h: Engineering Design Process Part 2 – Design

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Watch the videos in the links below and answer the following portfolio questions in your notebook.

1. What are the steps in the second part of the Engineering Design Process?
2. What occurs during each step?
3. What are the 4 rules of brainstorming?
4. What does SCAMPER stand for?

Engineering Design Process Part 2 - Design

"Brainstorming 1"

[https://www.youtube.com/watch?v=sSytp\\_JfNw8&list=PLFiViU\\_gwuxmAMSJjLRAELSFiy6R9\\_UBY&index=14](https://www.youtube.com/watch?v=sSytp_JfNw8&list=PLFiViU_gwuxmAMSJjLRAELSFiy6R9_UBY&index=14)

"Brainstorming 2"

[https://www.youtube.com/watch?v=4UQFXsmWmns&index=15&list=PLFiViU\\_gwuxmAMSJjLRAELSFiy6R9\\_UBY](https://www.youtube.com/watch?v=4UQFXsmWmns&index=15&list=PLFiViU_gwuxmAMSJjLRAELSFiy6R9_UBY)

"Brainstorming 3 - SCAMPER"

[https://www.youtube.com/watch?v=yVOQFWrIyKA&list=PLFiViU\\_gwuxmAMSJjLRAELSFiy6R9\\_UBY&index=16](https://www.youtube.com/watch?v=yVOQFWrIyKA&list=PLFiViU_gwuxmAMSJjLRAELSFiy6R9_UBY&index=16)

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