

QUESTIONS?

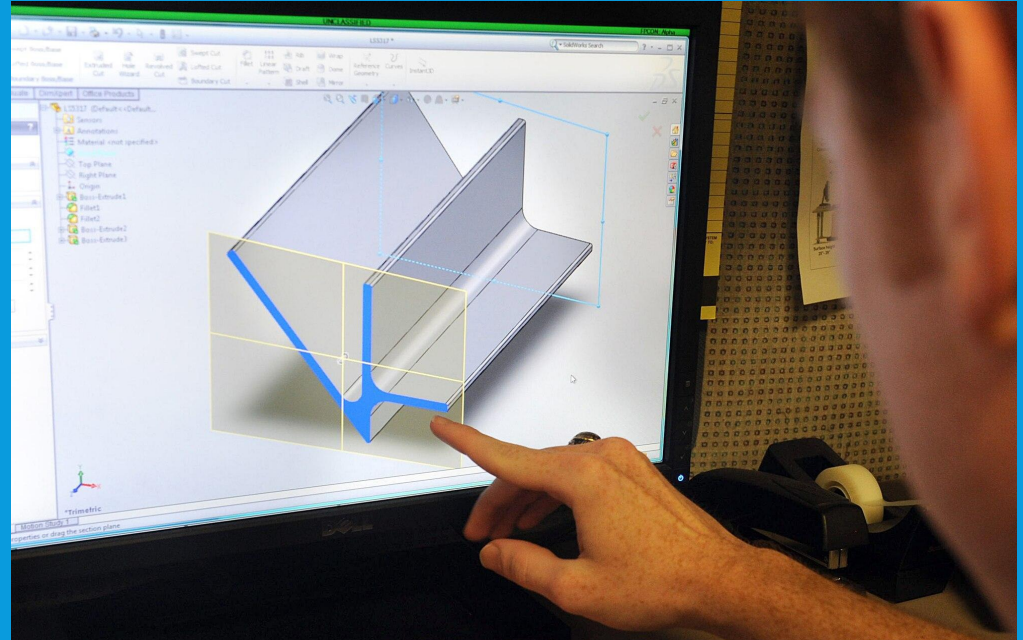
SOLIDWORKS



Aidan Willis & Ethan Joyce

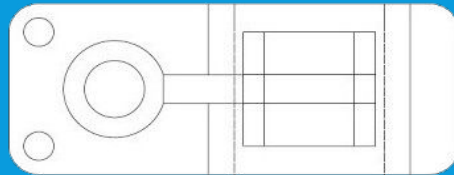
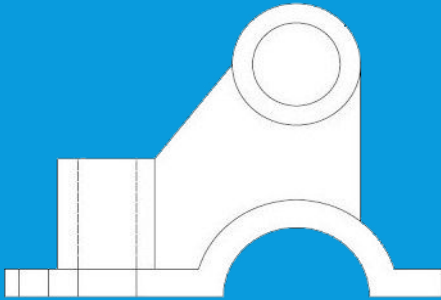
WHAT IS SOLIDWORKS?

- Create & Test Models

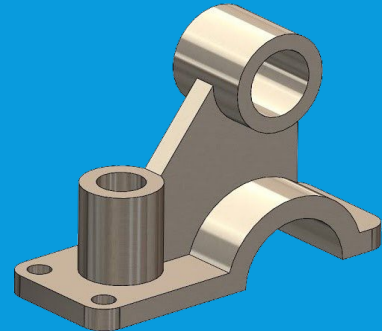


MODELING

- 2D

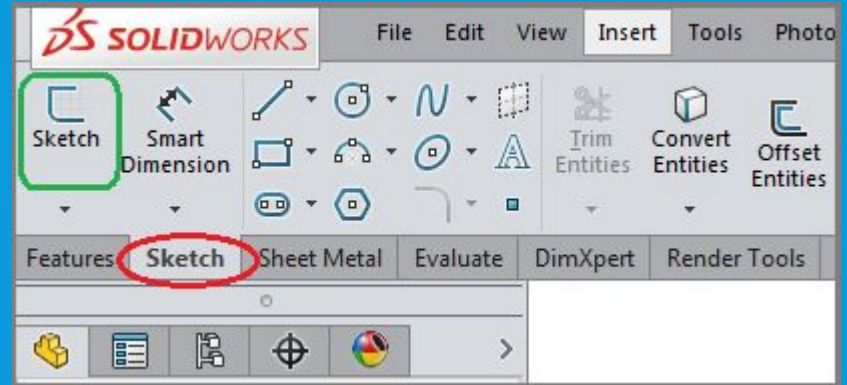


- 3D



MODELING

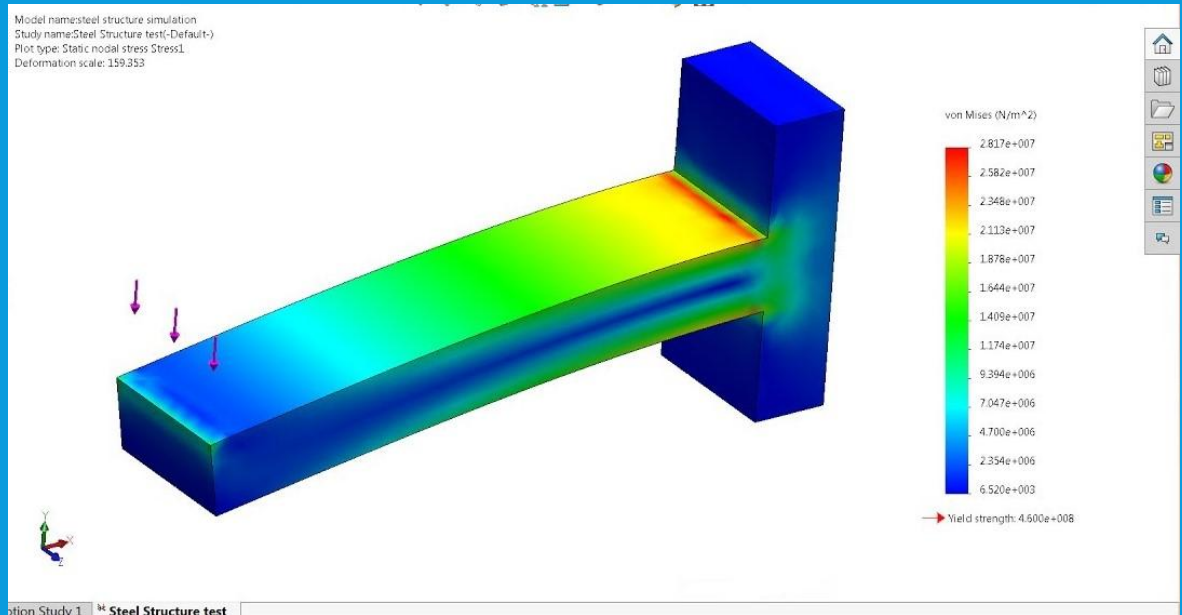
- Sketch Tools
- Dimensions
- Hole Wizard
- Extruded Base

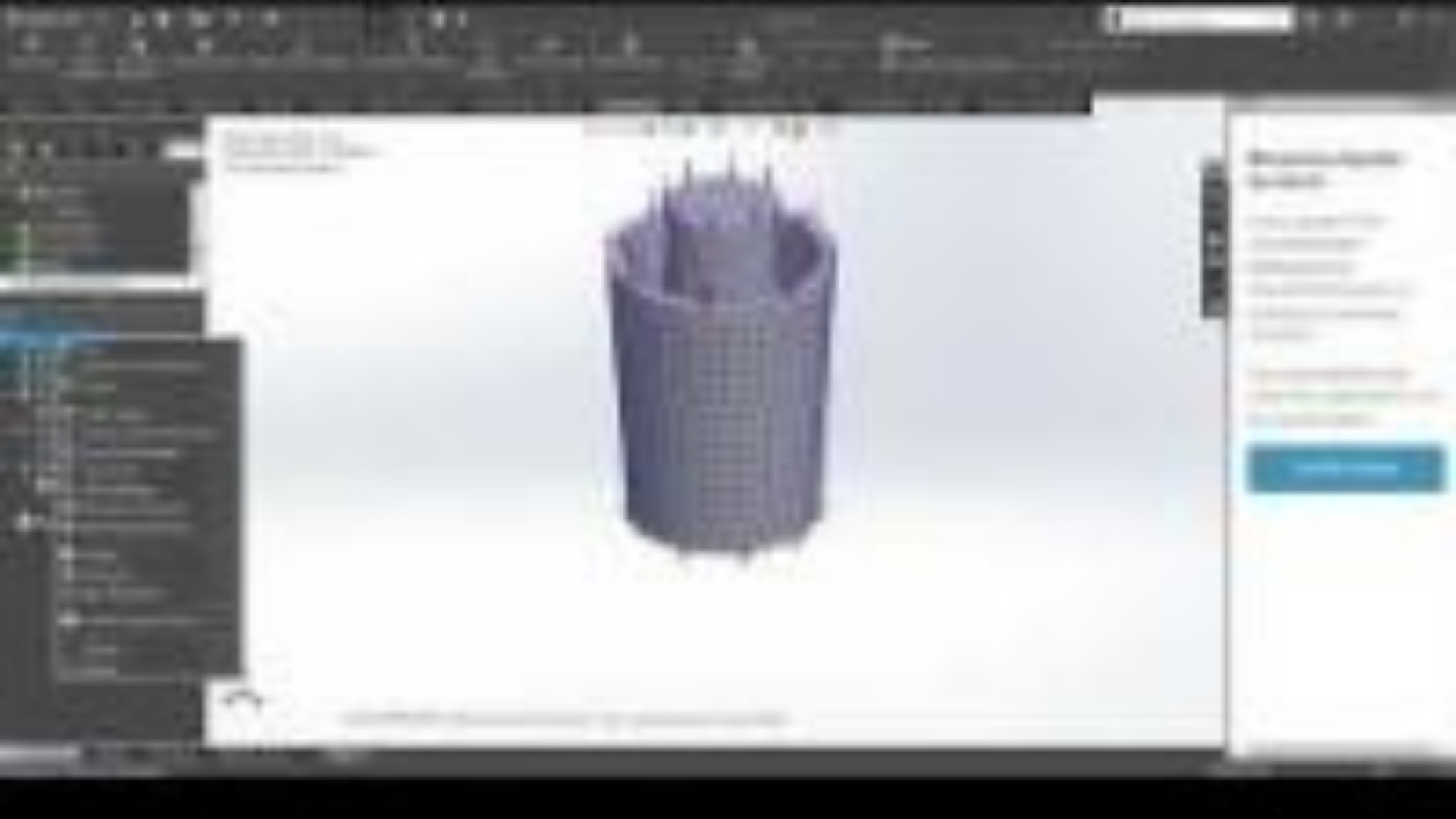




SIMULATIONS

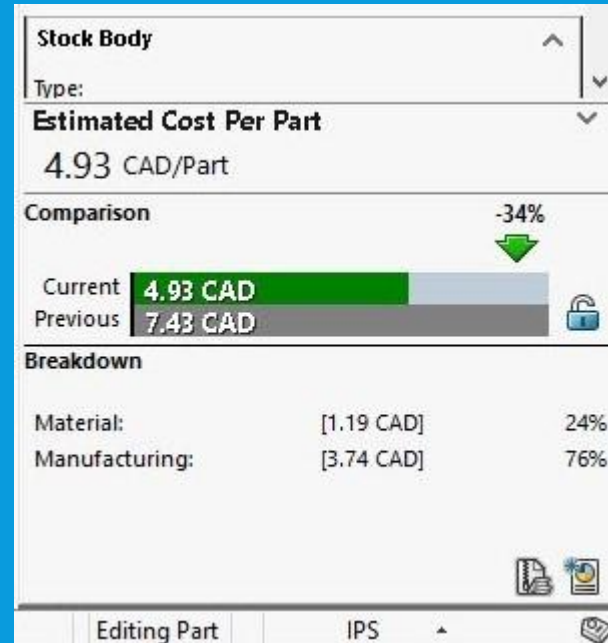
- Material
- Static
- Thermal
- Topology





TESTING

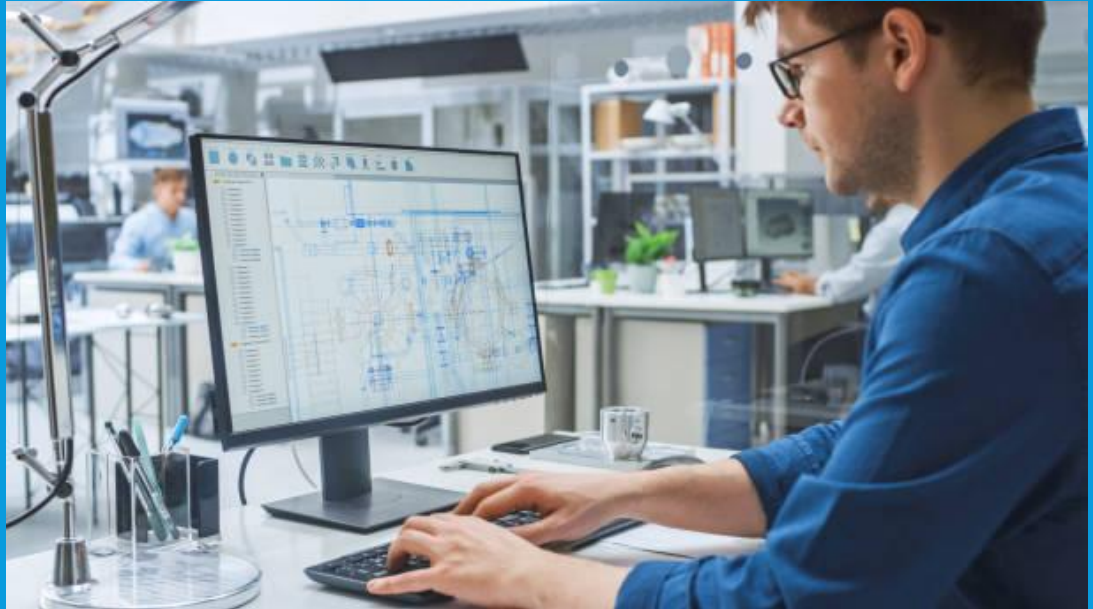
- Weight
- Assembly
- Cost





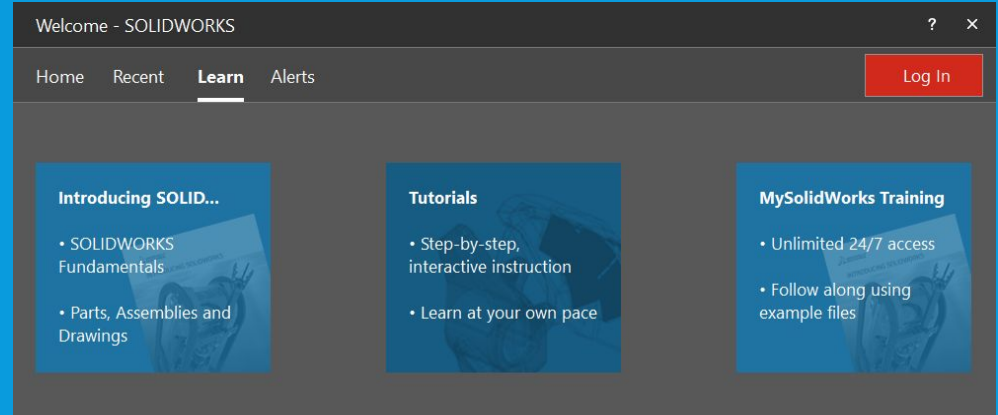
CAREERS

- Engineering
- Machinist
- Architects
- CAD Designer



TIPS & TRICKS

- SolidWorks Learn Tab
- YouTube
- Start With Basic Models

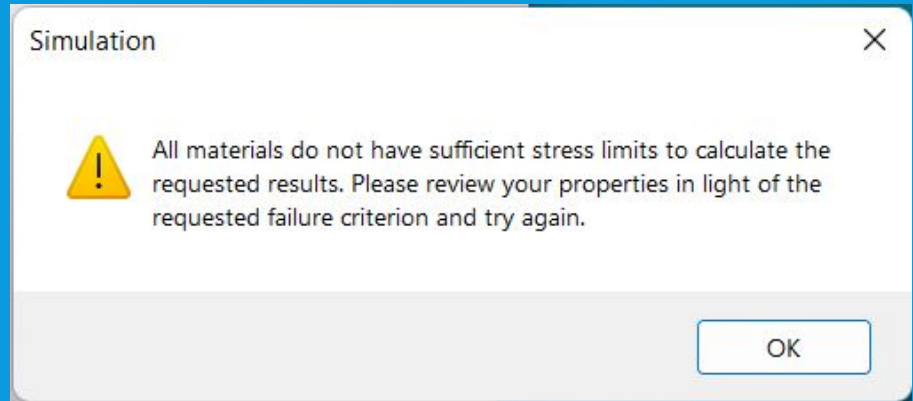


EASY TO LEARN

- 2D Modeling
- Adding Dimensions
- Keyboard & Mouse Shortcuts

DIFFICULT TO LEARN

- Information Overload
- Combining Features
- Error Popups



SMARTPHONE APP EQUIVALENT



SOURCES

<https://blog.epectec.com/differences-between-solid-modeling-and-surface-modeling#:~:text=Solid%20modeling%20is%20the%20process,are%20present%20in%20its%20geometry>

https://help.solidworks.com/2023/English/SolidWorks/sldworks/r_welcome_sw_online_help.htm

<https://trimech.com/blog/getting-started-with-surface-modeling-in-solidworks#:~:text=Surface%20modeling%20is%20an%20alternative,it%20sometimes%20makes%20modeling%20possible.>

https://www.youtube.com/watch?v=qUf2Uc_mZE8&t=180s

QUIZIZZ

Quizizz