



Build a Fidget Spinner

COURSE OUTLINE

Course Description

This class will walk students through the process of designing, 3D printing, and assembling a fidget spinner toy.

01 Introduction/Overview

02 Design

- Define requirements and constraints
- Measure bearings
- Design fidget body in CAD (OnShape)
- Export model (STL)

03 3D Printing

- Import model into slicer (Bambu Studio)
- Slicer settings
- Printing

04 Assembly

- Choose pre-printed fidget spinner (color, etc)
- Assemble toy

05 Next Steps

- Online resources
- Related Tech Workshop classes for further learning
- Drop-in Workshop to design new toys

06 Questions & Comments