

Welcome to Fab Lab!

I look forward to having you in class this semester. Fab Lab is a "digital shop class" that helps you to take design ideas from your mind to the creation of a 3d model. We will design a number of things including keychains, coasters, phone stands and cornhole boards. We will also learn how to prepare a model to make on a 3d printer, and if conditions permit, will print one of our projects.

The class projects are posted on Google Classroom. Click this link to join the class:

<https://classroom.google.com/c/MjQyNzEyNjYwMjk3?cjc=mb3po4x>

or you can use this Join Code:

mb3po4x

This link will take you to an introduction to the class on CTC Tube:

<https://www.ctctube.com/videos.php?watch=6071>

The first set of projects is due January 13 at noon and the second set is due January 20 at noon.

Week 1 assignments: 1) Introduction--please answer the questions on the form so I can gear the class to your career programs and interests 2) Videos on Design: Watch the videos on different types of design and ways of making things and briefly answer the questions. 3) and 4) Tinkercad Intro projects. The attached videos show how to start Tinkercad and make basic shapes. 5) Syllabus--The class syllabus and main policies are listed here; please answer the question to show that you are aware of these guidelines for the class.

We will be using Tinkercad as our design program. It works inside any web browser (Chrome, Edge, Firefox, etc.) as long as you have a wi-fi or data connection. Tinkercad will work on any computer (Windows, Mac, Chromebook) as well as on tablets and phones. I highly recommend that you use a mouse with Tinkercad since it will make designing 3d models much easier.

Please let me know if you have questions about any of this or how to do the projects.

Mr. C