

# Creating a Portfolio

Wheeler HS Engineering & Electronics

# What is a Portfolio

- ▶ A collection of evidence or work
- ▶ Can be online
- ▶ Here's an example of a portfolio I had to make for one of my education classes at KSU: <http://mberwanger.weebly.com/>
- ▶ And here's an example of a portfolio template I made which you can model yours off of: <https://gobblegobble-engineeringportfolio.weebly.com/>

# What is the difference between an Engineering Design Notebook and a Portfolio?

## ▶ Design Notebook

- ▶ A collection of notes, data and calculations from first-hand tests and experiments
- ▶ Can be used as evidence in legal cases over patent cases
- ▶ Usually a physical notebook but can be online
- ▶ Very detail intensive

## ▶ Portfolio

- ▶ Provides a snapshot of your work/learnings/abilities
- ▶ Usually an online website, but a physical copy is completely normal too
- ▶ More “big picture” and less focused on showing the minutely detailed steps in a project

# What I want for this semester & why

- ▶ A consolidated location for each student's work, accomplishments and learning this semester
- ▶ Why I want this
  - ▶ It can be meaningful for you in interviews or for other classes even after you leave this course
  - ▶ Helpful to me for grading
  - ▶ Being able to “pitch” yourself and your ideas concisely is an invaluable skill to learn

# Your options:

## 1. Create an online portfolio

### ▶ Sites that are great for this and are free

▶ Weebly \*\*\*I recommend this highly because it is what I am most familiar with, but you do you\*\*\*

▶ Wix

▶ Wordpress

▶ If you already have made a portfolio in another class, go ahead and use that and just add an Engineering tab. Let's not reinvent the wheel if you already have something you like

## 2. Create a physical portfolio

▶ You will need to purchase some physical folder to hold your work

▶ I have some spare three ring binders if you are fine with this

## 3. Create a physical engineering notebook

▶ You will need to purchase an Engineering notebook

▶ I have some spare three ring binders if you are fine with this, and you can print out some template pages I have

## 4. Create an online engineering notebook

▶ Google docs/drive

# What your portfolio/notebook needs

## ▶ Portfolio

- ▶ Home page/title page
- ▶ A resume or tools/skills page
- ▶ A page for each project you complete

## ▶ Notebook

- ▶ Table of contents
- ▶ Number each page
- ▶ Detailed and ongoing notes of your work/research/experiments for each project
- ▶ I'm going to strongly encourage you to create a portfolio and not a notebook, but if you wish to create a portfolio I have some templates you can copy

# Online Safety

- ▶ If you do not wish to have your name published online, you may:
  - ▶ Use a fake name
  - ▶ Just use your first name
  - ▶ Use a fake school
  - ▶ Not include any pictures of yourself or others
  - ▶ Create a page which requires password protection
    - ▶ If you wish to do this, check whether the domain you are using has this capability for free
- ▶ Don't post your contact info or address anywhere!

# Setting up an online portfolio through Weebly

- ▶ Here is a template of for an online portfolio which I made. If by the end of the day you could make something like this you are awesome and in great shape: <https://gobblegobble-engineeringportfolio.weebly.com/>
- ▶ To accomplish this, go to weebly.com and create a free account. I feel like weebly is fairly intuitive and you tech savvy youngsters can figure out how to walk through this process, but I'll be walking around to help you with this process.
- ▶ The first big decisions you will have to make are to:
  - ▶ Decide on a URL (it'll be <https://something.weebly.com>)
  - ▶ Decide on a webpage theme (I recommend choosing one of the portfolio themes, but you live your life)
  - ▶ Delete unnecessary pages and text/pictures/graphics. The templates come with a bunch of stuff already present. If you don't want it, don't keep it



# To Do: *My* goals for you today

- ▶ create a free online portfolio template at weebly.com (or another site such as wix, or even a physical notebook if that is your style)
- ▶ Delete pages and images from your portfolio which are unnecessary (i.e. delete the "goods and services" tab and the random pictures of coffee)
- ▶ Create an "Engineering" tab with a drop down to a blank "project #1" page (or some other similar style for organizing your future projects)
- ▶ Create a resume page (100% fine to leave it blank, just create it)
- ▶ Get a bare-bone start to your home page
  
- ▶ If you'd like, I have many past students example portfolios to show you (I just don't want to publish them here to not call them out 😊)