



Digital Design Graphics Technology
Napa Valley College

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DDGT130 – Classroom Presentation Research Assignment Description

It seems that 3D Printing is used in just about every industry today. I know that it is being used in mechanical and architectural fields as well as in the food, fashion, art, and medical industries. There is a range of materials being utilized as well. Obviously plastic being the most common, other materials include metal and organic matter.

I want you to research a new use for 3D Printing and additive manufacturing that you were unaware of. You will bring this in and present it to the class.

Guidelines:

- Presentation should be around 15-20 minutes in length.
- Videos, graphics, power point, and other visual aids are encouraged but I do NOT want you to just come up and play a video without further discussion.
- The new 3D Printing application that you are showcasing should be current within the last year.
- Research this online and submit the URL as well as any of your visual aids to the instructor.
- Get your classmates involved. I do not want you to just present, I want you to ask questions of your classmates and have a discussion. Below are questions I want discussed but feel free to come up with more.

Questions to answer in your presentation:

- How many students would use this personally if you had it available to you?
- How many students think this is a good idea or bad idea and why?
- Take a poll: ask your classmates how many of them have heard of this use?
- Ask your classmates what the next level would be? Every idea is built from something else. Ideas build ideas. With this application that you are presenting on, how would you make it better or improve it? How might another industry benefit from it?
- Be prepared for to answer these questions yourself as well.

You will be graded on how well you present the materials. Make sure your presentation is clear and interesting. You must submit all additional materials and presentations to the instructor on the day of your presentation.

- 25% Preparedness. Were you prepared and did you present on the day that was scheduled? Were you able to find your presentational resources online?
- 30% What is the topic of your presentation? Did you stay focused or did you cover too many different threads? Was it current and new or was this something that was already covered? Length of presentation: too short, too long, just right?
- 15% Use of presentational materials. Videos, power point, images, etc ...
- 15% Questions. Classmate participation.
- 15% Did you submit your presentation resources to the instructor? A copy of your power point as a pdf and a word document with links to your videos will suffice.

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