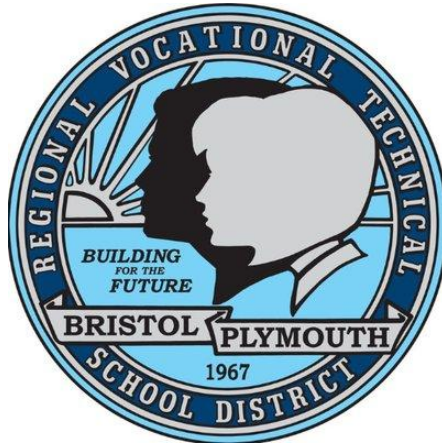


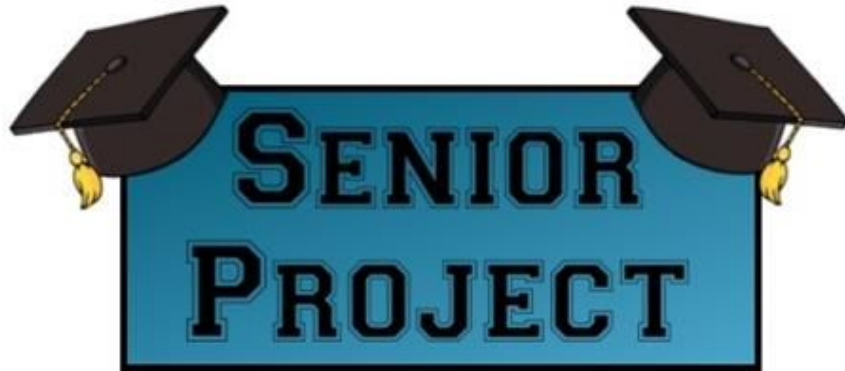
# BPTech

# Senior Project 2022



# Senior Project Goals

- integrate technical and academic skills to *create a tangible project* and *multimedia presentation*.
- challenge and motivate our students to explore and stretch the individual student's capabilities.



# Senior Project Requirements

## Papers

- Project Proposal with embedded research
- Term Check-in papers
- Reflection

## Product - Capstone Project

- Technical stretch
  - Explore new area of technology
  - Apply skills in a cumulative and authentic way

## Presentation

- The culmination of the Senior Project.
- Showcases the product, process and student growth.



# Senior Project Grading

**\*These percentages are part of the total grade for the term\***

## Technical Program Grading

Term 1	Term 2	Term 3	Term 4
10 %	15%	15%	40%
Topic Selection Proposal	Project Progress Presentation Progress	Project Progress Presentation Progress	Overall Project Judges Scores

## ELA Program Grading

Term 1	Term 2	Term 3	Term 4
30 % (Each assignment worth 15%)	10%	10%	25%
Annotated Bibliography Product Proposal Letter	Check in Writing	Check in Writing	Reflection

# Senior Project Requirements - Papers

## ELA Due dates:

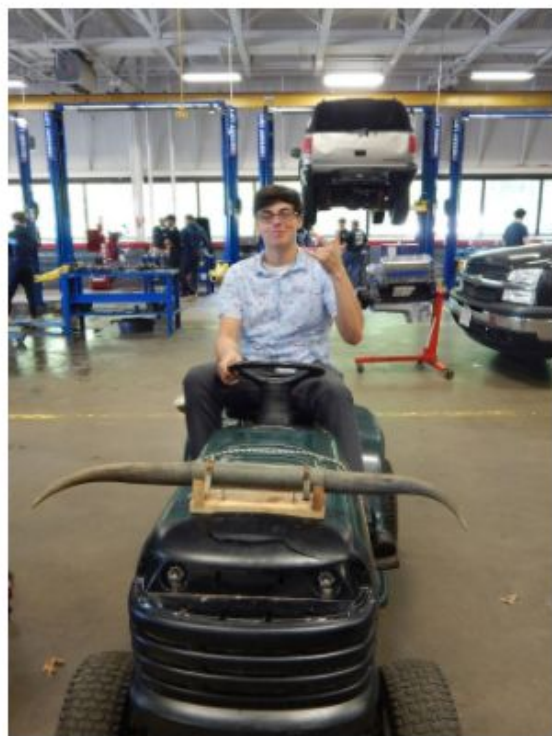
- **Annotated Bibliography Due:** September 10th, 2021
- **Product Proposal Letter Due:** September 24th, 2021
- **Term II Check-In Due:** December 10th, 2021
- **Term III Check-In Due:** March 4th, 2022
- **Reflection Paper Due:** May 20th, 2022

***All papers should ALSO be submitted to your shop teacher.***

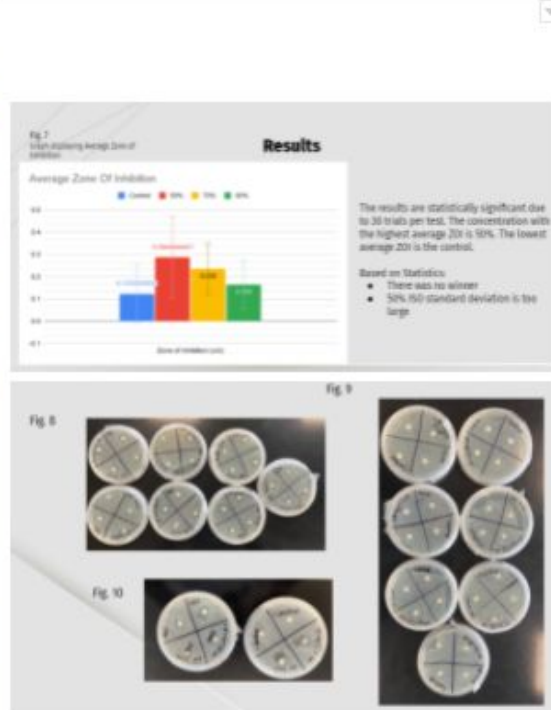
Expectations & rubrics are posted at [bptech.org](http://bptech.org) on the student information page,



# Product examples



Automotive Tech



Biotechnology



Business & Applied Technology

# Product Examples



CAD/CAM



Carpentry



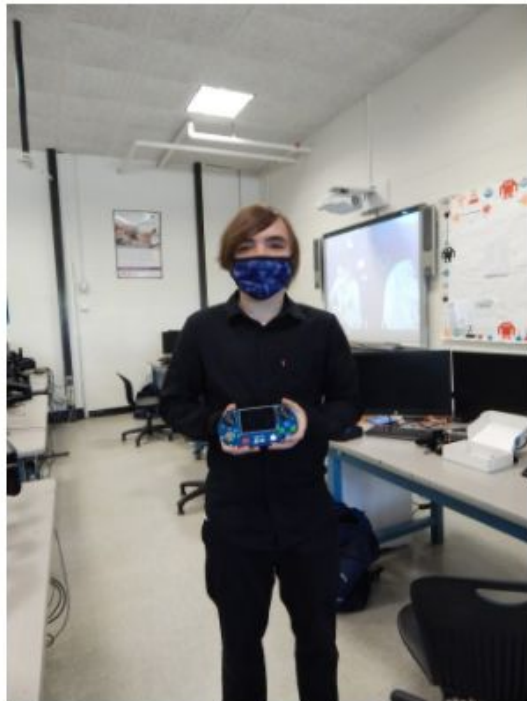
Collision Tech



# Product Examples



Community Health



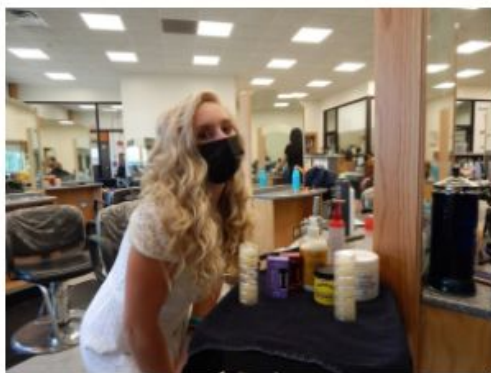
Computer & Networking Tech



Plumbing



# Product examples



Cosmetology



Culinary Arts



Dental Assisting

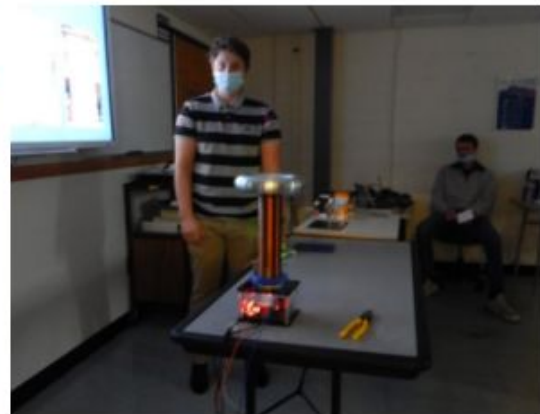


Design & Visual Communications

# Product examples



Early Childhood Education



Electrical Technology



Metal Fabrication



Graphic Design



HVAC

# Presentation - Contents

## Project introduction

What did you select for your project & why

How is it a stretch for you?

Research conducted

## Process

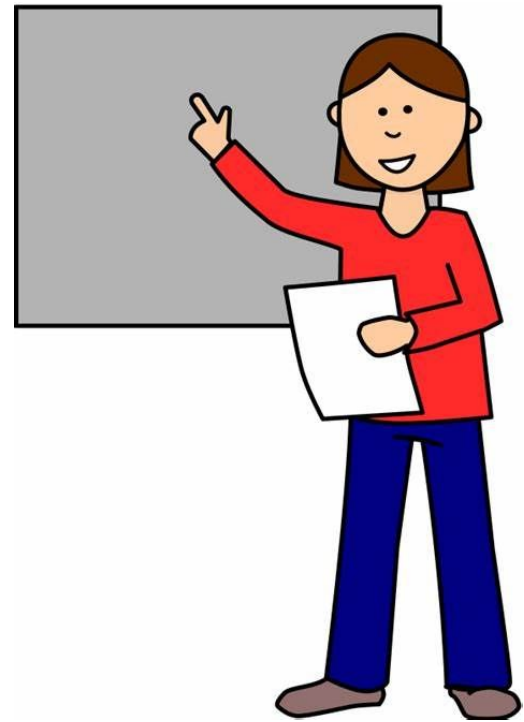
What methods & materials were used

Technology utilized

Technical skills developed and applied

Include picture in the stages of development

Challenges and how you handled them



# Presentation - Contents (continued)

## Product

Describe features and if it met your expectations

Include picture of your final product - or as far as you were able to get

***\*Include any additional or specific information required by your shop instructor***

## Conclusion

What you learned

What you would do differently

Overall evaluation of the senior project experience

## Citations (for all research, images, data etc.)

MLA formatted

# Presentation specifications & reminders

Time 7-10 minutes

Use appropriate technical language

Be sure to demonstrate your understanding of the concepts relevant to creating your project.



# Crafting an Excellent Presentation

Include all of the requirements given by your instructor and outlined in this presentation.

Focus on communicating information about your project.

## **PRACTICE, PRACTICE, PRACTICE!**

After putting the slides or pieces of the presentation together, run it over and over, speaking out loud, just as you would in the presentation.





# **Electronic presentation - Visual Aid Is required.**

Used to share all aspects of your senior project.

Can be:

- Slide presentation (such as Google Slides)

- Video production (such as cell phone video, screencastify, screencast-o-matic)

- Other multimedia product (Prezi, etc)

# Project Presentation Logistics

- Presentations are tentatively scheduled for Thursday May 26.
- Each student will present to **a panel of teachers and guests.**
- In a **7-10 minute presentation of the project and the product, followed by a brief question and answer period.**
- The schedule of presentations is created by the Curriculum Office.
- All students have the opportunity to pre-record their project presentations to show the panel.
- All students will participate in live questions and answer period.



# Shop Evaluation

Your shop instructor will share with you how the senior project portion of your grade is calculated.

The presentation in term 4, scored by judges, is only a portion of your grade.

## Technical Program Grading

Term 1	Term 2	Term 3	Term 4
10 %	15%	15%	40%
Topic Selection Proposal	Project Progress Presentation Progress	Project Progress Presentation Progress	Overall Project Judges Scores

# Remember!

- Senior Project is required and worth 40% of your Term 4 shop grade.
- You cannot blow off senior project and receive credit for term 4.
- You've got this!
- You may surprise yourself with all of the technical knowledge and skills you have developed over your career at BPTech.
- Show, WITH PRIDE, what you have accomplished.

**“The reward for a thing well done is to  
have done it!”**

**- Ralph Waldo Emerson**

