

Engineering Careers Project Guidelines

Introduction

- Locate 1.1.0, 2.1.0, 3.1.0, and 4.1.0 in PLTW
- Review Slideshow
- Begin Research
 - In notebook, record 3 career options that most interest you and 3 sites you visited to learn more about any of your listed career options.

1.1.0 Professional Interview (25 points)

- Choose 1 of the 3 careers from yesterday to be the focus of your project.
- Use the internet to find a professional (and their contact information) in this career that you will interview (preferably someone local).
 - Gather all background information on the professional
 - **This is page 1 of your Career Report (the title page)**
 - Name
 - Specific Degree (earned from college)
 - Place of Employment
 - Email Address and/or Phone Number
 - Prepare your interview questions
 - **This is page 3 of your Career Report**
 - See PLTW for Sample Questions
 - **Get approval** from Mrs. Busch to conduct interview!!!!
 - Conduct interview
 - Have a record of interview (print email, transcript, etc...)
 - **This is page 4 of your Career Report**
 - Reflect on the interview
 - What surprised you?
 - What was the most important thing you learned from the interview?
 - How has the interview influenced your feelings about this as a future career?
 - **This is page 2 of your Career Report**

2.1.0 Career Field Description (12 points)

- Write a reflection
 - **This is page 5 of your Career Report)**
 - What is the title of the job?
 - What are the duties, responsibilities, and common work activities?
 - What is the working environment, including conditions, setting, and geographic locations?
 - Is this career very specialized or is it very general with many options for specialization? Explain.

3.1.0 Career Demand, Salary and Education (19 points)

- Write a reflection with the following section headings
 - **This is page 6 of your Career Report**
 - Demand
 - Salary
 - Education
- See PLTW 3.1.0 for more information and questions to include in paper.

4.1.0 Career Reflection, Abstract, and Presentation (15 points)

- Write a reflection
 - **This is page 7 of your Career Report**
 - Why did you choose this career field to research?
 - What are some of the best and worst aspects of this career?
 - What are the most difficult course that you would have to take beyond high school to earn a degree in this field?
- Abstract
 - A brief summary of the content from your career report
 - **This is page 8 of your Career Report**

Presentation (20 points)

- Your classmates are your audience
- DO NOT READ FROM POWERPOINT
- **PRACTICE!!!**
- Powerpoint should be bullet points (NOT FULL SENTENCES)
- Summary of the MOST IMPORTANT information you gathered in your report
- This should include pictures and may take multiple slides
- Slides:
 1. Title Slide (Your Name and Career Chosen)
 2. Interview (Name, Job Title, Place of Employment, Education Earned)
 3. Interview Questions (you do not need all of the questions, just a few of the ones you thought were interesting)
 4. Summary from Interview (summarize the information you learned from your interview that your classmates would find useful)
 5. Career Field (summarize findings)
 6. Career Demand (summarize findings)
 7. Career Salary (summarize findings)
 8. Career Education (summarize findings)
 9. Career Reflection (summarize all of your research and give us your overall opinion)

Paper (19 points)

- Put all previously done pages together and in order. Check for typo's and mistakes. Turn in on time!

Total Points Possible: 110