Career Field Description

Procedure

Through your coursework in Introduction to Engineering Design (I.E.D.) and your work thus far in this class, you have been exposed to many different engineering and technology-related fields. For this project, you will choose a career field to investigate and describe. Your investigation will include information regarding demand, salary, and education. You will write a reflection and create a presentation to synthesize and communicate what you have learned about your chosen field.

This document should be concise, informative, and grammatically correct. The document will contain career details and information from reliable resources. Use APA format to properly document the information. Refer to **Citations in APA Style**.

1. Choose an engineering discipline or technology-related career that you would like to learn more about. Ask your instructor to approve your career choice.

2. Include your name, course, date, and document title.

3. Use the questions below to guide the description narrative.

   - 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.

Reflection Rubric

Topic	3 Points	2 Points	1 Point
Grammar	Is grammatically correct with no errors.	Contains minor grammatical errors.	Contains many grammatical errors.
Narrative Content	Answers the required questions and includes other useful information in a correct and concise manner.	Answers most of the required questions and includes other useful information in a correct and concise manner.	Answers some of the required questions and includes little other useful information in a somewhat correct and concise manner.
References	References are from trustworthy sources, and correct APA format is used.	Some sources are not cited and/or formatted using APA style.	Few sources are cited. Correct APA format has not been used to cite sources.

Career Field Rubric

Topic	3 Points	2 Points	1 Point
Content	Thoroughly and clearly states the main points. Text highlights the main points and is easy to read.	Adequately states the main points. Text highlights most main points, but is a little too wordy and is easy to read.	States few main points and details. Text highlights some main points, but is too wordy and is difficult to read.
Slide and Time Lengths	Contains 5-10 slides. The presentation is between three and five minutes.	Contains 5-10 slides. The presentation is between two and three minutes or more than five minutes.	Contains less than 5 slides. The presentation is either less than two minutes or more than five minutes.
Organization	Is clearly organized into a logical sequence.	Provides adequate evidence and a logical sequence of information.	Has little logical organization.
Delivery	Effectively and creatively delivers the information while staying on the topic and considering the audience. Uses voice variation; interesting and vivid to hear. Preparation and practice is evident.	Adequately delivers the information while staying on the topic and considering the audience. Speaks clearly and confidently. Preparation and practice is not evident.	Demonstrates little or no attempt to stay on the topic. Does not consider the audience. Difficult to understand. Preparation and practice is not evident.
Preparation	Demonstrates detailed preparation and practice for delivery. Interesting and vivid.	Demonstrates satisfactory preparation as well as practice for delivery.	Demonstrates a lack of preparation and practice for delivery.
References	Provides the correct domain name, author, or creator under each image. The reference page includes appropriate APA citations.	Provides some incorrect domain names, authors, or creators under images. The reference page includes mostly appropriate APA citations.	Is missing some domain names, authors, or creators under images. The reference page includes many APA citation errors.