Career Investigation Project

Problem Statement

As a potential career, you are interested in many fields in the world of industry and technology. You have seen a list of over 200 occupations related to this area and have identified several that seem intriguing. You need more information to help you determine what these occupations entail. After seeing this list of occupations related to the fields of industry and technology, you must narrow your choices to one or two specific areas in helping you decide if this is what you want to pursue as a career goal. Either compare and contrast two possible careers or go in depth for one career.

Objectives

1. Demonstrate problem solving skills in research utilizing various reference sources (i.e., internet, books, interviews, career literature, newspaper, "College View" software, Occupational Outlook Handbook, etc.).
2. Demonstrate conventional (APA/MLA) written communication skills utilizing a computer/laptop.
3. Compare and contrast the details, responsibilities, and descriptions of two occupations related to the field of industry and technology.

ITEEA (Standards for Technological Literacy) Reference

#3 Relationships/connections between technology and other fields of study
#6 Role of society in the development/use of technology
#10 Role of research and development
#17 Information/Communication technologies

Requirements

1. Choose one career of your interest from the following areas:

   a. Engineering   c. Energy/Power   e. Construction   g. Design
   b. Manufacturing   d. Architecture   f. Technology   h. Transportation

2. Must be a Slides Presentation with quality slides.
3. Must include a brief introduction, a comparison chart, and a conclusion or summary (visual aids, utilizing scanned/imported images, etc. are encouraged).
4. Items to include:

   a. Colleges/institutions offering degree or license in field   f. Drawbacks, disadvantages
   b. Job description   g. Salary (entry, end, and/or range)
   c. Education required (years/degree)   h. Job outlook (future)
   d. Time demand(s)   i. Visuals
   e. Benefits, assets, advantages of this career   J. Misc. (interesting Facts)

5. Items to include in your conclusion or summary:

   a. Why are you interested in this field?
   b. How would you contribute (your attributes, qualities, strengths, and talents) to the field?
   c. Do you plan to work for a company, or would you like to start your own business/company?

6. Include a reference page (using APA/MLA style). **3 different sources**   Only 1 can be Wiki

Evaluation

You will be graded on the following criteria:

All requirements included: <u>30 points</u>
Overall Quality of Project: <u>10 points</u>
Presentation<u>: 10 points</u>

Total: <u>50 points</u>

_____   Total   Due _____

http://study.com/article_directory/q_p/page/Engineering/q_p/Careers_and_Occupations_List.html