H Physics

Career Project

**This project counts as a lab grade.**

**Due Date: Friday, January 11**

**Format: we will lay out the projects and everyone will walk around to read each one and select their favorite / best presentation.**

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| --- | --- | --- |
| Task # | Description | Points |
| 1 | Job Description1. What are my job duties, responsibilities, or nature of work?
2. Describe a typical day for a person in this job.
3. What would my work environment, or surroundings, be like?
4. Explain how the career uses physics.
 | 15 |
| 2 | Describe the education required1. What education and training would I need?
2. What is the minimum/maximum education required for this job?
3. How many years of study are involved (Do you need an associate’s degree? Bachelor’s degree? Specialized training?)?
4. Where would you obtain this education (On-the-job training, junior college, technical school, college, or university)?
 | 15 |
| 3 | Compensation/Career Future1. What is the growth or job outlook like for your job?
2. What is the salary range for this career?
3. What can you expect to be paid for a beginning salary in this career field?
 | 10 |
| 4 | An image that is representative of the career References cited | 10 |

**Jobs to choose from:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Astrophysicist | electrician | nuclear technician | radiologist | industrial engineer |
| acoustical engineer | climatologist | solar photovoltaic installer | medical physicist | medical device designer |
| optical engineer | architect | wind turbine technician | cardiologist | computer scientist |
| mechanical engineer | civil engineer | aerospace engineer | chemical engineer | geologist |
| electrical engineer | nuclear scientist | bioengineer | environmental engineer | athletic training |