



STEM Careers

Paper Engineer

Job Description: Paper Engineers focus on transforming raw bio-materials, like lumber and bark, into products like paper and cardboard

What does a Paper Engineer do?

- Maintain equipment used in the papermaking process
- Decide operation parameters for efficient production such as rate of pulp flow, steam pressure, temperature of the roller, chemical concentrations, etc.
- Choose appropriate chemicals needed for the paper product
- Work on waste treatment to eliminate chemicals from used water
- Analyzing the papermaking process to look for changes to increasing efficiency
- Design control systems that stop the process and equipment if an issue occurs, to keep people and equipment safe
- Work on converting other bio-materials (grass, corn stalks, etc.) into paper products

Your Interests:

- Are you interested in the production of paper products?
- Do you want to work with raw materials in making products?
- Do you like science and engineering?

Outlook: **Green**

Average Salary - \$37 hourly, \$77,653 annual

Projected Job Growth - 7.1% growth by 2026.

Education/Program of Study:

- Most positions require a bachelor's degree, with some requiring a masters or higher
 - Possible degrees are Paper Science and Engineering, Mechanical Engineering, and Chemical Engineering,

Sources:

<https://www.ziprecruiter.com/Salaries/Paper-Engineer-Salary>

<https://www.collegefactual.com/majors/engineering/paper-science-engineering/>

<https://newengineer.com/blog/the-role-of-engineers-in-the-pulp-and-paper-industry-1507616>