



STEM Careers

Materials Engineer

Job Description: Designs and evaluates machinery for processing materials. Investigates new ways to use materials.

What does a Materials Engineer do?

- Performs tests on raw materials to ensure quality.
- Prepares technical reports for journals or magazines.
- Reviews plans for new products and makes recommendations on what sorts of materials to use.
- Supervises technicians and other engineers on the job.
- Modifies materials for new uses in the industry.

Your Interests:

- Do you like creating things?
- Do you like science and chemistry?
- Do you like working with machines?
- Do you like to think critically about problems?

Outlook: ~~Slower than Average~~

Average Salary - \$40.65 hourly, \$84,550 annual

Projected Job Openings - 8,100 over the next 10 years

Education/Program of Study:

- Most positions require a 4 year Bachelor's Degree in Engineering or a related field

Sources:

O*NET Online

<http://www.onetonline.org/link/summary/17-2131.00>