



# STEM Careers

## Fuel Cell Engineer

**Job Description:** Design, evaluate, modify, or construct fuel cell components or systems for transportation, stationary, or portable applications.

### What does a Fuel Cell Engineer do?

- Design or implement fuel cell testing or development programs
- Write technical reports or proposals related to engineering projects
- Conduct fuel cell testing projects, using fuel cell test stations
- Calculate the efficiency or power output of a fuel cell system or process
- Develop fuel cell materials or fuel cell test equipment
- Recommend or implement changes to fuel cell system designs
- Develop or evaluate systems or methods of hydrogen storage for fuel cell applications
- Evaluate the power output, system cost, or environmental impact of new hydrogen or non-hydrogen fuel cell system designs.
- Create prototypes of fuel cell components, assemblies, stacks, or systems

### Your Interests:

- Do you want to reduce carbon emissions from modes of transportation?
- Do you want to advance research and technological innovation for clean energy?

### Outlook:

Average Salary - \$45.82 hourly, \$95,300 annually  
Projected Job Openings - 20,200 in the next 10 years

### Education/Program of Study:

- Entry level positions require a master's degree in mechanical engineering