



STEM Careers

Automotive Engineer

Job Description: Develop new or improved designs for vehicle structures, engines, transmissions, or other vehicle systems, using design technologies. Builds, modifies, or tests vehicle components.

What does an Automotive Engineer do?

- Perform tests to identify issues and what causes them
- Calibrate vehicle systems, including control or software systems
- Design or analyze automobile systems in areas such as aerodynamics, alternate fuels, safety, steering, and more
- Research or implement green automotive technologies involving alternative fuels, electric or hybrid cars, or lighter/more fuel-efficient vehicles
- Review automotive designs
- Develop engineering specifications or cost estimates based on design concepts
- Modify designs to attain specified functional or operational performance

Your Interests:

- Do you like working with cars?
- Are you interested in researching or designing green technologies?
- Are you creative?
- Are you good at math?

Outlook:

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

Education/Program of Study:

- Most entry level positions require a bachelor's degree
- Degree paths include mechanical engineering, industrial design, environmental science, and other related fields