



STEM Careers

Industrial Designer

Job Description: Design and develop manufactured products, such as cars, appliances, and toys. Combines art with research on product use, marketing, and materials to create a functional and appealing product design.

What does an Industrial Designer do?

- Prepare sketches of ideas, illustrations, or blueprints using drafting instruments or computer-aided design equipment
- Modify and refine designs, using working models, to conform to customer specifications, production limitations, or changes in design trends
- Discuss with engineering, marketing, production, sales departments, or customers to establish and evaluate design concepts
- Evaluate feasibility of design ideas based on appearance, safety, function, serviceability, budget, production costs/methods, and marketing
- Research production specifications, costs, and materials to provide estimates
- Participate in product planning and market research

Your Interests:

- Are you creative?
- Are you interested in product or technical design?
- Do you communicate well with others?

Outlook:

Average Salary - \$37.03 hourly, \$77,030 annually

Projected Job Openings - 3,100 in the next 10 years

Education/Program of Study:

- Most entry level positions require a bachelor's degree.
- Degree paths include industrial design, fine arts, engineering, and other related fields.

Sources:

<https://www.onetonline.org/link/summary/27-1021.00>