Industrial Engineer

**Job Description:** Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.

**What does an Industrial Engineer do?**

* Plan and establish sequence of operations to develop and assemble parts or products to promote efficient utilization
* Draft and design layout of equipment, materials, and workspace to illustrate maximum efficiency using tools and computers
* Formulate sampling procedures and designs and develop forms and instructions for recording, evaluating, and reporting quality and reliability data
* Develop manufacturing methods, labor utilization standards, and cost analysis systems to promote efficient staff and faculty utilization
* Complete production reports, purchase orders, and material, tool, and equipment lists

**Outlook:** BRIGHT

Average Salary - $45.82 hourly, $95,300 annually

Projected Job Openings – 23,300 in the next 10 years

**Your Interests:**

* Are you detail-oriented?
* Are you good at working with a team?
* Are you interested in planning and designing construction projects?

**Education/Program of Study:**

* Entry level positions require a bachelor's degree in industrial engineering