

## Alternative Job Titles

Logistics Analyst Intern, Logistics Coordinator or Analyst, Materials Analyst, Industrial Engineer I or II, Distribution Analyst, Logistics/Supply Chain Engineer, Manufacturing Engineer, Transportation Analyst, Supply Chain Manager, or Senior Operations Analyst

## Job Description

Industrial engineers and operations research or modeling analysts working in transportation operations use advanced mathematical and analytical methods to analyze and solve complex problems, assess risk, and provide a data-driven approach to decision-making. They might be involved in numerous types of projects including process improvement plans, warehouse and labor management, capital projects, inventory and equipment planning, cost saving initiatives, or logistics process design. Utilizing industrial engineering skills inherent in process flow analysis, operational project planning, efficiency or process improvement studies, statistical and mapping analysis, and time and motion studies, the industrial engineer or operations analyst will be involved in planning and designing new transportation operations, supporting existing operations, and developing comprehensive supply chain solutions.

## Knowledge Requirements

- Transportation, Warehousing, Supply Chain, and Logistics
- Project Management Practices
- Statistical Analysis, Modeling and Optimization
- Material Handling/Manufacturing
- Operations Research/ Industrial Engineering Practices
- Local Agency Procedures/ Standard Design Principles
- 6 Sigma and Lean Practices

## Technical Skills Requirements

- AutoCAD, MicroStation, Geopak
- SAS, SAP ERP
- General computer skills
- Knowledge of Microsoft Office Programs
- Access, SQL, or other database software

## Education & Work Experience

- Advanced degree preferred; bachelor's degree required.
- Major coursework in Industrial Engineering or business field accepted.

## Typical Salary

- \$38,400 - \$125,000

## Required Skills & Abilities

- Communication Skills, Written and Verbal
- Analytical, Mathematical, or Problem-solving Skills
- Interpersonal Skills
- Time or task management skills
- Possess professional judgement
- Ability to collect, enter, or analyze data
- Ability to work well on a team
- Ability to work well independently
- Managerial/ Supervisory Experience and Leadership Skills
- Technical Communication/Report Development Skills
- Possess a good attitude/work ethic
- Presentation Skills
- Organizational Skills/Attention to Detail
- Ability to work a flexible/irregular schedule
- Ability to work in a fast paced/stressful environment
- Ability to pass a background check/ drug screening