

ISE Job Titles

When job seeking, it's important to look beyond the title "Industrial Engineer" and/or "Systems Engineer." ISE positions can be found under a variety of names -- from Associate Engineer to Workforce Optimization Manager. The following list, compiled by industry leaders on the ISE Executive Advisory Board, is a handy resource as you look to secure your first job.

General

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| Associate Engineer | Manufacturing Engineer |
| Automation Engineer | Manufacturing engineer/production engineer |
| Big Data Engineer | Manufacturing Supervisor or Manager |
| Business & Systems Integration Analyst | Manufacturing Systems Engineer |
| Business Analyst | Manufacturing Technology Analyst |
| Business Operations Specialist Manager | Methods Engineer |
| Business Process Analyst | Methods Process Analyst |
| Business Process Management Manager | Occupational Health & Safety |
| Business Program Manager | Operations Engineer or Analyst |
| Business Transformation Consultant | Operations Program Analyst |
| Compliance Manager | Operations Research Analyst |
| Computer Integrated Manufacturing (CIM) Specialist | Plant Manager |
| Computing Architect | Plant Operations Supervisor |
| Consultant | President |
| Continuous Improvement Analyst, Engineer or Coordinator | Process Control Analyst |
| Continuous Performance Improvement Associate | Process Engineer |
| Core Product Engineer | Process Improvement Engineer or Manager |
| Corporate Value Consultant | Process Integration Specialist |
| Data Analyst | Product Development Program Manager |
| Data Modeler | Product Manager |
| Data Scientist | Production Control Analyst or Supervisor |
| Design and Development Engineer | Production System Integration |
| Dir. Engr. & Operations & Support Svcs. | Productivity Improvement Specialist |
| Director, Integration & Innovation | Professor, Associate Professor, and Assistant Professor |
| EHS Multi Family Manager | Program Analyst |
| Engineering Multi-Skill Manager | Project Manager |
| Engineering Operations Manager | QS/ISO Auditor |
| Ergonomics Engineer | Quality Engineer or Manager |
| Ergonomist | Reliability Engineer |
| Facilities Engineer | Research Scientist |
| Facility Planner | Research Specialist |
| Field Engineer | Risk Advisor |
| Finance Employee Development Specialist | Robust Design Engineer |
| Financial Modeling Specialist | Safety Engineer |
| Human Factors Engineer | Sales Engineer |

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| <p>Independent Researcher/Author Industrial Engineer Intern Industrial Engineer, Associate IE, Sr. IE, Principal IE Information Technology Manager Injury Prevention and Ergonomics Lead Inventory Deployment Analyst IT Specialist Kaizen Promotion Officer Lean Manufacturing Consultant Lean Manufacturing Engineer Lean Practitioner/Facilitator Lean/Six Sigma Projects Leader or Instructor Logistics Engineer Logistics Methods Analyst Management Engineer Management Trainee</p> | <p>ERP Consultant Senior Ergonomist Senior IT Analyst Six-Sigma Consultant Supply Chain Analyst, Engineer or Manager Supply Network Design Planner Systems Analyst Systems and Data Analyst Systems Engineer Systems Integration Engineer Technical Sales Technology Analyst User Experience Engineer/Manager Workforce Optimization Manager</p> |
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Healthcare

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| <p>Analyst/Coordinator/Specialist types:</p> <ul style="list-style-type: none"> - Revenue cycle - Value chain - Security - Financial/Cost - Clinical value/outcomes - Data - Supply chain - Utilization management - Systems - Research - Materials and Logistics - Compliance - Epidemiology - Program Operations - Process redesign - Care Transformation - Decision support - Clinical decision support - Predictive modeling - Precision Medicine - Statistical - Business Intelligence - Reliability | <p>General Business Analyst Lean/Agile Specialist Quality/Performance Management Specialist Internal Consultant Project Manager Project Coordinator Virtual Reality Specialist</p> <p>Electronic Medical Record (EMR)/Electronic Health Record (EHR) roles:</p> <ul style="list-style-type: none"> - Design - Implementation - Optimization |
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Other Specific Industries

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|----------------|--------------------------|
| Manufacturing | Communications/High-Tech |
| Supply Chain | Software |
| Transportation | Utilities |
| Government | Food/Agriculture |
| Retail | Finance |