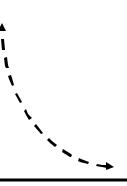
Industrial & Systems Engineering

Management





Products, Processes,

& Services

The Essential Linking Profession

What do ISE's do?

Production planning and scheduling
Inventory management
Supplier reliability management
Quality improvement
Facility planning and layout
Resource planning and scheduling
Equipment selection
Minimizing scrap and waste
Optimization to minimize costs
Line balancing
Measure productivity

Supply Chain Management
Health Systems design
Decision Science
Quality engineering
Operations research
Simulation modeling
Design methods and procedures
Analyze operations
Specify automation systems
Ergonomics / Human Factors
Work measurement

Where do ISE's work?

Manufacturing
Consulting
Hospitals
Restaurant chains
Hotel chains
Airlines, airports
Government
Armed Forces
Distribution
Entertainment Venues
Retail chains

What are some jobs that ISE's fill?

Industrial Engineer
Systems Engineer
Management Engineer
Quality Engineer
Production Engineer
Logistics Planner
Supply Chain Manager
Plant Manager
VP Manufacturing
Coordinator of Presidents

Director of Planning
Process Engineer
Product Manager
Manufacturing Engineer
Management Consultant
Ergonomist
Human Factors Engineer

Chain Manager
Manager
Human Factors Engineer
Reliability Engineer
Methods Engineer
Coordinator of Process Improvement

Director of Engineering

Find out more about how you can become an Essential Link!
Visit the SJSU ISE Department web site at: www.engr.sjsu.edu/ise
Watch the streaming video, and find out more about Industrial and Systems Engineering in your future

or, contact the ISE Department at San Jose State University today: (408) 924-3301 or email to: ise@ email.sjsu.edu

