Operations management is the systematic direction and control of the processes that transform inputs into finished goods and services. The operations function comprises a significant percentage of the employees and physical assets in most organizations. Operations managers are concerned with each step in providing a service or product. They determine what equipment, labor, tools, facilities, materials, energy, and information should go into an operating system and how these inputs can best be obtained and used to satisfy the requirements of the market place. Managers are also responsible for critical activities such as quality management and control, capacity planning, materials management, purchasing, and scheduling.

**Career Areas/Job Titles:**

**Management and Industry**

- Operations Researcher
- Product Development Manager
- Purchasing Agent
- Quality Assurance Analyst
- Relocation Analyst
- Communications Specialist
- Computer Security Analyst

**Education**

- Data Security Analyst
- Database Administrator
- Information Systems Developer
- Operations Consultant
- Professor

**Science and Technology**

- Communications Specialist
- Computer Security Analyst

*Some careers may require licensure, certification, or further education. Talk to an advisor about specific requirements.*

**Transferable Skills:**

- Provide/Respond to Feedback
- Use Technology Effectively
- Verbal Communication
- Written Communication
- Developing Evaluation Strategies
- Forecasting/Predicting
- Gathering Information

- Identifying Problems
- Judgment & Decision Making
- Implementing Decisions
- Organization Skills
- Strategic Planning/Visioning
- Creating Innovative Solutions
- Multi-tasking
- Data Analysis

- Problem Solving
- Basic Computer/Tech Skills
- Adaptability/Flexibility
- Managing Time/Stress
- Coaching/Mentoring

*This is not an extensive list of transferable skills. See larger list of skills you might develop here: [http://ccss.osu.edu](http://ccss.osu.edu)*

**Professional Links:**

- The Association for Operations Management: [http://www.apics.org/default.htm](http://www.apics.org/default.htm)
- European Operations Management Association: [http://www.euroma-online.org/r/default.asp?id=IDID](http://www.euroma-online.org/r/default.asp?id=IDID)
- Buckeye Operations Management Society (BOMS): [https://groups.cob.ohio-state.edu/boms/](https://groups.cob.ohio-state.edu/boms/)

[University Exploration](http://majors.osu.edu/pdfview.aspx?id=118)