WHAT IS OPERATIONS & SUPPLY CHAIN MANAGEMENT?

Utilizing a firm’s resources efficiently to produce quality goods and services. Operations managers help to lower production costs, boost the quality of goods and services, and allow the firm to respond to customer demands quickly. Essentially, it is the management of the flow of goods and services to the customer. Operations management not only happens in a production facility, like a plant or warehouse, but also in the service sector. In fact, many operations jobs today relate to the robots, or other computer-aided devices.

OPERATIONS & SUPPLY CHAIN INDUSTRIES

Planning. Determine the amount of resources a firm needs, both physical and human resources, to create a final product or service; Design the sequence and order of work activities that must be completed; Create a time schedule to ensure delivery of final product.

Quality Control. Analyze and measure the quality of the work completed against standards; Create and implement ways to monitor firm effectiveness and output; Identify methods for improvement and procedures for handling defective or inferior goods.

Logistics & Distribution. Handle the technical details for delivering products or services to the customer including transportation, inventory management, warehousing and distribution, and compliance with government regulations; May work with technology, robots, or other computer-aided devices.

Inventory & Procurement. Manage receiving, storage, and shipping of goods, including raw materials and finished products; Ensure work activities result in accurate order entry, efficient shipment tracking, and timely delivery of goods to customer while minimizing costs. May identify new sources of raw materials, technology, or other supplies. Perform risk management and sustainability work as well as remanufacturing.

EMPLOYMENT SKILLS NEEDED

As cited by top area recruiters

- Ability to work under pressure with a sense of urgency
- Attention to detail and ability to deliver results on a deadline
- Forecasting, planning, adaptability, and innovation
- Possess strong interpersonal skills and ability to communicate with others from diverse backgrounds
- Proficiency in Excel - can create formulas, analyze data, and present findings

Sample Job Titles

Supply Chain Analyst • Operations or Logistics Analyst • Purchasing or Materials Manager • Project Manager • Master Planner or Scheduler • Demand Planner • Operations or Distributions Manager • Global Logistics Officer • Quality Control Manager • Traffic Analyst • Inventory Specialist • Process Analyst

You might enjoy operations & supply chain management if inefficiency drives you crazy; you think on your feet; you map out every step of your to-do list; you’re logical; you’re known for your attention to detail; you often think there must be a better way

Job Trends 2016 Grads

- Job growth in the South and Southeast
- $81,560 Average Salary for Charlotte Metro area
- Advancement and salary increases with college degree and certifications
- Among the 20 college majors with the highest starting salaries in 2016 (13th)
- $104,876 average supply chain manager’s salary for Charlotte area (higher than national average $96,131)

- Gender gap in average wages in southeast is $18,663
- Women have higher average salary up to age 30, then men pull ahead
- Many jobs are located in the South and may limit relocation potential
WHO HIRES OPERATIONS MAJORS?

Tip: O SCM Majors
Should gain Entry-Level Work
Experience before pursuing
Advanced Degrees

STARTING SALARY FOR
OSCM MAJORS
$55,246
*NATIONAL AVERAGE (WINTER 2016)

General and Operations Managers: NC Median: $107,320; NC Entry Level: $63,540; Projected growth for operations and general managers is 15% from 2012-2022

Logistics Analysts: NC Median: $70,270; NC Entry Level: $48,490; Projected growth for logistics analysts is 24% from 2012-2022

Purchasing Managers: NC Median: $104,830; NC Entry Level: $75,610; Projected growth for purchasing managers is 3% from 2012-2022

Storage and Distribution Managers: NC Median: $89,810; NC Entry Level: $62,030; Projected growth for storage and distribution managers is 7% from 2012-2022

Supply Chain Managers: NC Median: $111,820; NC Entry Level: $75,050; Projected growth for supply chain managers is 15% from 2012-2022

Source: NC Works, 2016

GET CERTIFIED
Stand out from the competition.
Professional certifications can help you compete with your peers and train you in technical areas like TQM (Total Quality Management), Six Sigma, Theory of Constraints, and Lean Manufacturing.

Below are some common certifications for professionals in Operations & Supply Chain:
- Certified Supply Chain Professional (CSCP)
- Certified in Production and Inventory Management (CPI M)
- Certified Professional in Supply Chain Management (CPSM)
- SCOR Professional (SCOR/P)

cscmp.org

GET INVOLVED
Professional & Student Organizations

- American Production and Inventory Control Society (APICS)
- Council of Supply Chain Management Professionals (CSCMP)
- Institute of Supply Management (ISM)
- Supply Chain Council (SCC)
- American Society for Transportation and Logistics (ASTL)
- Warehousing Education and Research Council (WERC)
- Production and Operations Managements Society (POMS)