

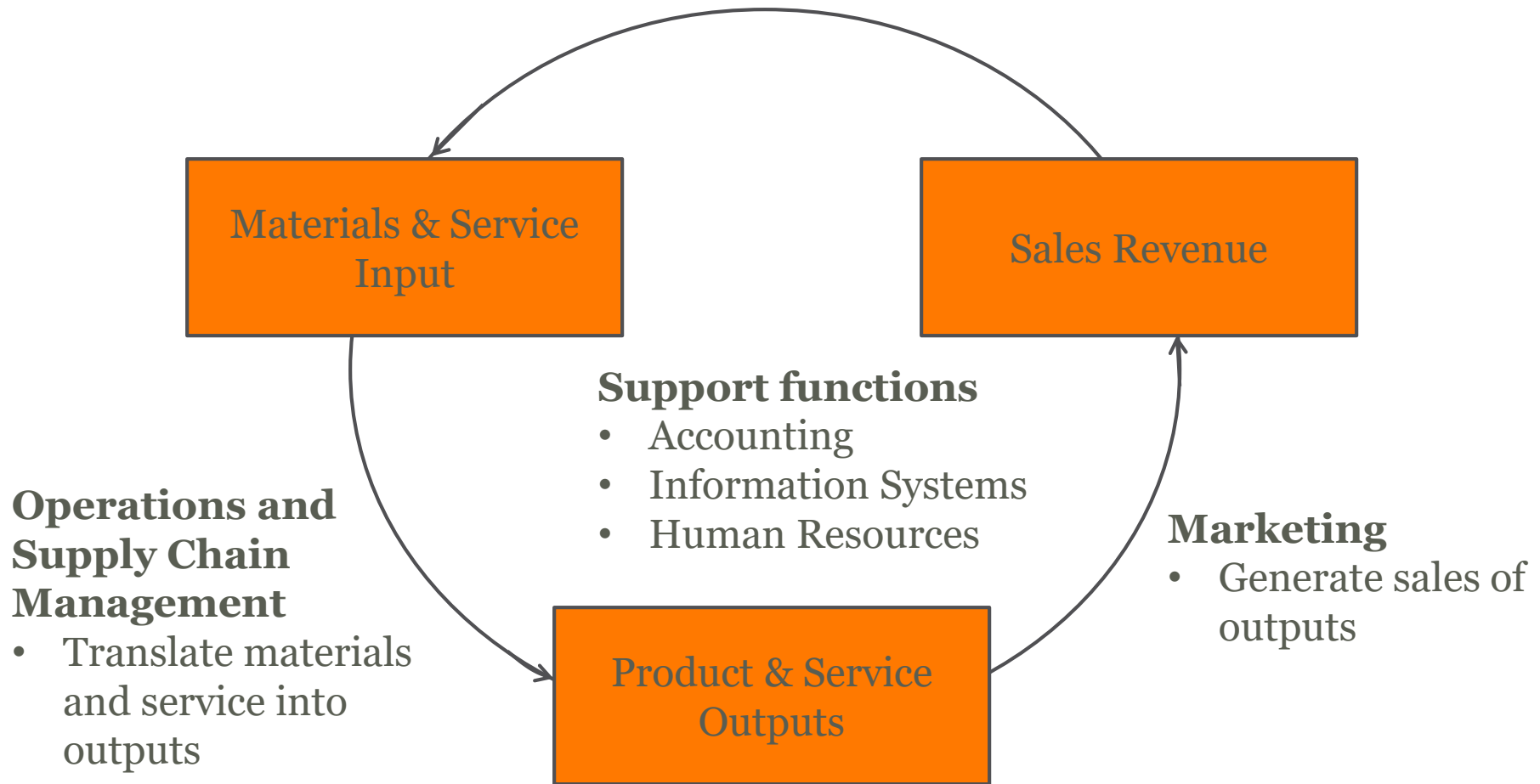
THE UNIVERSITY OF TEXAS AT EL PASO

College of Business Administration

Operations and Supply Chain Management



Key Functional Areas of a Business



Operations Management

- What is “Operations”?
 - The part of a business organization that is responsible for producing goods or services
- What is Operations management?
 - The management of systems or processes that create goods and/or provide services

Inputs

- Materials, parts, components
- Labor, equipment
- Land
- Capital



**Transformation/
Conversion**
processes



Outputs

- Goods
- Services

What does an OSCM major actually Do?

- Operations management professionals seek to improve a company's productivity through the effective and efficient production and distribution of outputs.

OSCM majors (usually....)

Possess the following abilities:

- The ability to visualize long-term needs as well as the ability to manage short-run programs
- The ability to evaluate information from multiple sources and make decisions for actions based on that information
- Skill in working with people and teams to achieve the desired outcome

Work Environment

Work environment	Functional area	Type of business
Office building	Purchasing, supply chain manager, contract negotiator, operations manager	Private sector, government, non-profit organization, schools, hospitals, service center
Manufacturing plant	Production planner, production manager, quality engineering, warehouse manager, purchasing, material management, logistics manager	Manufacturing firms
Logistics service	Operations manager, vehicle scheduler, logistics manager, facility manager, import/ export specialist,	Transportation, freight carrier, ports and airports, exportation /importation,
Retail stores or service centers	Sales representative, operations manager, store manager, warehouse manager	Retailing, customer service s

Certifications

- **CPIM** (Certified in Production and Inventory Management)
- **CSCP** (Certified Supply Chain Professional)
- **CFPIM** (Certified Fellow in Production and Inventory Management)
- **CPSM** (Certified Professional in Supply Management)
- **CPSD** (Certified Professional in Supplier Diversity)
- **CSSGN** (Certified Six Sigma Green Belt)
- **CSSBB** (Certified Six Sigma Black Belt)
- **CMBB** (Certified Six Sigma Master Black Belt)

Sample Job Titles

- Plant Manager
- Purchasing Manager
- Supply Chain Manager
- Business process analyst
- Quality control manager
- Project manager
- Facility manager
- Warehouse manager
- Production manager
- Department store manager
- Call center manager
- Logistics manager
- Sales manager
- Fulfillment manager

Job outlook for OSCM

- How big is SCM? Logistics alone accounts for more than 9.5% of U.S. Gross Domestic Product! Over **\$1.3 trillion** is spent on transportation, inventory, and related logistics activities. Add in the vast sums of money spent on supply management and manufacturing and you're looking at a field with tremendous impact on the success of organizations, domestically and globally.
- You will find SCM career opportunities in a variety of organizations. [Potential employers](#) range from traditional manufacturers and retailers to supply chain specialists like consulting firms and transportation service providers. Another SCM employment option is the \$110 billion third party logistics (3PL) industry

Internship Opportunities

- Operations and Supply Chain Management majors may participate in internships in a wide variety of companies, from major corporations to small manufacturers.
- Students may earn academic credits in conjunction with their internship as well as the professional experiences that will be beneficial for them to land an OSCM job upon graduation

Top Hiring Companies at UTEP

- AMERICAN Cast Iron Pipe Company
- BNSF Railway
- C.H. Robinson
- Consolidated Electrical Distributors
- Freeport-McMoRan Copper & Gold
- McCoy's Building Supply
- The Boeing Company
- The Sherwin-Williams Company
- Union Pacific Railroad
- United Services Automobile Assoc

Collegiate Student Organizations at UTEP

Association for Operations Management (APICS)

Mission-Statement: To build knowledge and skills in operations management professionals to enhance and validate abilities and accelerate careers.

American Society for Quality (ASQ)

Mission-Statement: The mission of the UTEP Student Chapter of ASQ is to increase awareness about the importance of quality on both individual and organizational levels by providing opportunities for learning, quality improvement, and knowledge exchange.

Association for Operations Management (APICS) & American Society for Quality (ASQ)



The Global Voice of Quality™

10 Reasons Why You Should Join a Student Organization

- Meet business professionals
- Build leadership and business skills
- Make friends with common career goals
- Go on company tours
- Attend social networking events
- Make a difference in your community
- Compete in national conferences/competitions
- Travel!!!
- Internship opportunities
- Secure your dream job

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