



**Logistics & Supply Chain
Management (SCM) at
NTTC
September 23, 2024**



NORTHEAST TEXAS
COMMUNITY COLLEGE



- What is Logistics & Supply Chain Management (SCM)
- Why is it Important
- What type of student does well in Logistics?
- Logistics Micro-Credential at NTTC
- Professor Gallaway's Biography



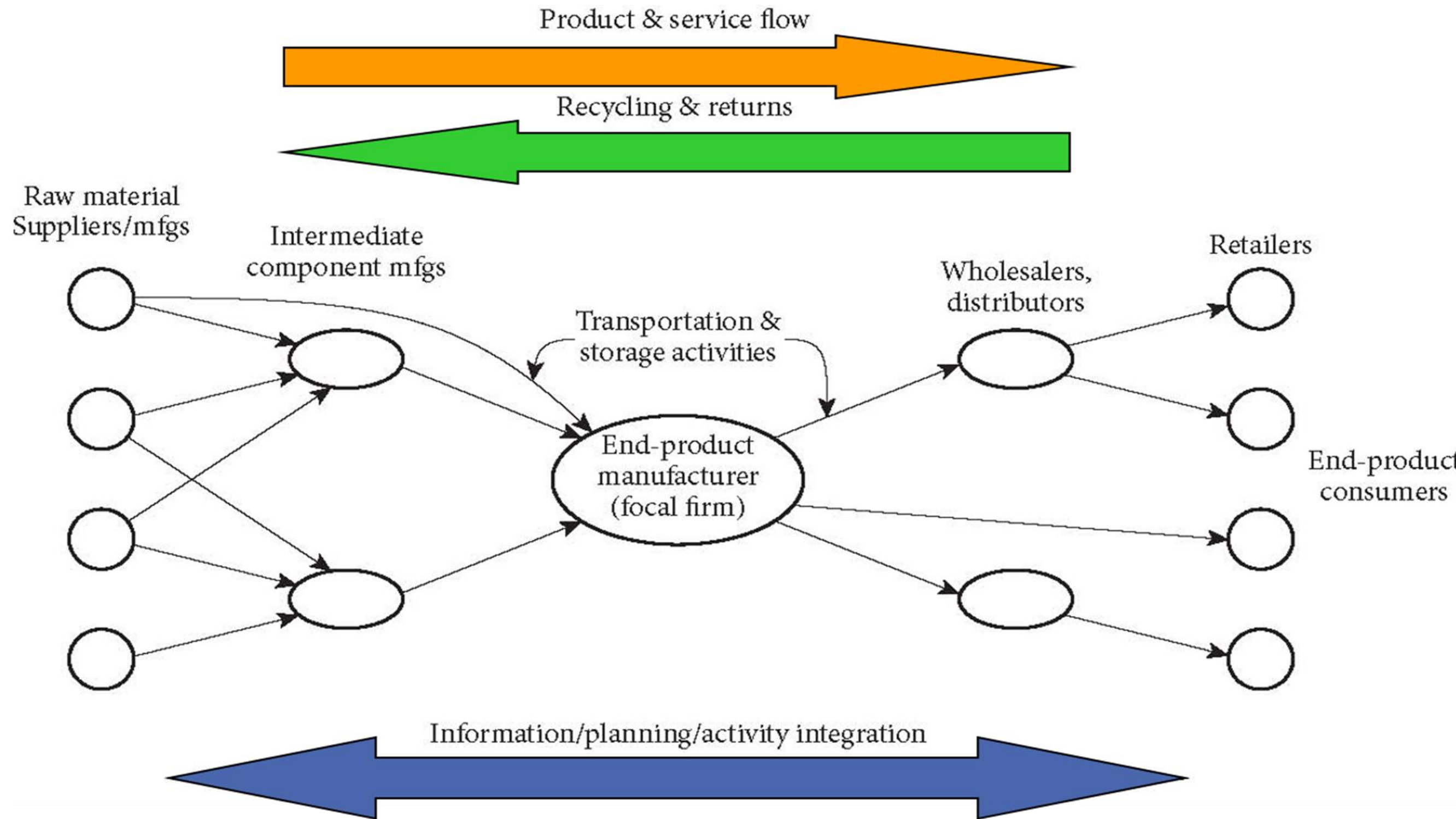
What is Logistics & Supply Chain Management(SCM)?



- **Supply chain** consists of the flow of products and services between supply chain partners:
 - Raw materials manufacturers
 - Component and intermediate manufacturers
 - Finished product manufacturers
 - Wholesalers and distributors
 - Retailers
 - End Use Customer
- Connected by transportation and storage (warehouse & distribution centers) activities
- Integrated through information and planning



What is Logistics & Supply Chain Management(SCM)?





What is Logistics & Supply Chain Management(SCM)?

- Official definition of Supply Chain Management:
 - The planning and management of all activities involved in sourcing and procurement, conversion, and all logistics management activities ... also includes coordination with channel partners, which can be suppliers, intermediaries, third party service providers, and customers.
 - Council of Supply Chain Management Professionals
- Official definition of Logistics:
 - “The process of planning, implementing, and controlling procedures for the efficient and effective transportation and storage of goods including services, and related information from the point of origin to the point of consumption for the purpose of conforming to customer requirements.”
 - Council of Supply Chain Management Professionals



What is Logistics?

- Logistics is a subset of SCM and the backbone of SCM
- Ultimately logistics begins you and I as customers
- Whether an item is purchased online or in person logistics professionals make sure that items are:
 - In the right place
 - At the right time
 - In the right quantities
 - Right the level of quality the customer desires
- Logistics includes planning, purchasing, warehousing, customer service and transportation, both domestic and international.





Why is Logistics Important?

- United States Logistics cost represented 9.1% of Gross Domestic Product (GDP) in 2022
 - \$2.3 Trillion in Logistics cost vs. 25.44 Trillion GDP
- Forecasted job growth is expected to be higher than average
 - According to the Bureau of Labor Statistics (BLS), employment of logisticians is projected to grow 19 percent from 2023 to 2033.
 - Areas suffering the most from resource shortages were transportation and warehouse operations.
- According to BLS, the average annual salary of a logistics manager:
 - Bachelor's Degree: \$77,030 annually (\$40/hour)
 - Associate's Degree: \$57,999 to \$61,631 annually (\$30 - \$32/hour)
- With a 3rd Party Logistics certification: \$31,200 to \$35,000 (\$15.00-\$16.82/hour)



What type of students do well in Logistics?

- Students who can answer yes to one or more of these questions will do well in the field of logistics:
 - Do you like utilizing data analysis to make decisions and improve processes?
 - Do you enjoy planning to meet expected outcomes?
 - Do you enjoy providing excellent customer service to internal and external customers?
 - Are you detailed oriented?
 - Do you enjoy solving problems?
 - Can you effectively communicate?



Logistics Micro-Credential at NTTC

- The Logistics micro-credential consist of 3 classes:
 - LMGT 1319: A systems approach to managing activities associated with traffic, transportation, inventory management, warehousing, packaging, order processing, and materials handling.
 - LMGT 1321: Introduces the concepts and principles of materials management to include inventory control and forecasting activities.
 - LMGT 1325: Emphasis on physical distribution and total supply chain management. Includes warehouse operations management, hardware and software operations, bar codes, organizational effectiveness, just-in-time, and continuous replenishment
- Logistics Micro-credential can be completed in one semester.
- All three classes start on October 21st.





Logistics Management Certificate at NTTC

- An additional semester will enable student to earn a Logistics Management Certificate by taking the following additional classes:
 - BUSI 1301 Business Principles
 - BMGT 1341 Business Ethics
 - BCIS 1305 Business Computer Application



Professor Gallaway's Biography

- B.S. Degree in Business Logistics
- 28 year of supply chain experience of across 4 different industries (Healthcare, Chemical, Consumer Products, and Aviation)
- Teaching Supply Chain Management at the Community College level since 2011
- Hold two Supply Chain certification from the Association of Supply Chain Management (CIRM & CPIM)
- Began working on my Master's Degree in Supply Chain Management during Summer 2024 at Arizona State University





Any Questions



mgalloway@ntcc.edu



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