



Transportation Logistics Pathway Model

Logisticians analyze and coordinate an organization's supply chain—the system that moves a product from supplier to consumer. They manage the entire life cycle of a product, which includes how a product is acquired, distributed, allocated, and delivered.



Potential Careers in Transportation Logistics

- Buyer/Purchaser
- Logistics Analyst
- Logistics Coordinator
- Logistics Planner
- Procurement Manager
- Supply Chain Logistics
- Traffic Specialist
- Facilities Director
- Sourcing Program Leader

Where Transportation Logistics Professionals Work

Local Employers

- JS Hunt Transport
- Americold
- General Mills, Inc
- Walmart
- XPO Logistics
- Brunswick Corporation
- Panduit
- Lineage Logistics
- IKEA
- Plexus
- Navistar, Inc
- Medline Industries, Inc

National Employers

- US Army
- National Guard
- FedEx
- UPS Supply Chain
- The Timken Company
- Ryder Logistics and Transportation
- Brinks Incorporated
- IBERIA Foods
- LSG Sky Chefs
- Macys
- Amazon
- American Honda Motor Company
- Ingersoll Rand

2014 median pay nationwide - \$73,840 annually

Integrated Work-Based Learning Components

See back panel for more specific program requirements >>

Career Awareness Activities

Workplace Tours, Guest Speakers or Career Fairs

Career Exploration Activities

Job Shadowing, Site Visits, or Informational Interviews

Career Practice Activities

Student Camps and Challenges, Student Enterprises or Service Learning

Professional Learning

Internships and Industry Credentials

Did you know...

U.S. News & World Report ranked logisticians number six on their Best Business Jobs list and number 26 on their 100 Best Jobs list.

Source: Rasmussen

Working in logistics is a great way to use or develop multilingual skills.

Source: brazen.com

The US logistics and transportation industry cost nearly \$1.3 trillion in 2011. It's sustainable and growing fast.

Source: brazen.com

Logistics Analysts and Logistics Engineers are considered new and emerging occupations, along with rapid growth.

*Source: O*NET*

Transportation and logistics management is the second largest employment sector in the United States.

Source: Bureau of Labor Statistics

Recommended Transportation Logistics Pathway

4 Semesters Township High School Dist. 214 Transportation, Distribution & Logistics Cluster				4 Semesters Harper College Associates in Applied Science Degree - Advanced Manufacturing Technology with Emphasis on Supply Chain Management				4 Semesters Northern Illinois University Bachelors Degree - Industrial Management and Technology with Emphasis in Logistics			
D214 - Transportation Logistics Pathway				Harper College - AAS in Advanced Manufacturing, Emphasis on Supply Chain Management				NIU - BS, Industrial Manufacturing and Technology, Emphasis in Logistics			
Year 1	Year 2	Year 3	Year 4	Year 1		Year 2		Year 1		Year 2	
Grade 9	Grade 10	Grade 11	Grade 12	Semester 1	Semester 2	Semester 3	Semester 4	Semester 1	Semester 2	Semester 3	Semester 4
Automotive Systems (06051/06052)	Diagnostic Testing and Repair (06061/06062)	Vocational Auto (06071/06072)	Power-On-Site Training (06791/06792)	Introduction to Manufacturing and Safety (MFT 102)	Introduction to Manufacturing Maintenance (MFT 109)	Inventory Control (SCM 122)	Just-in-Time (JIT) (SCM 227)	Industrial Quality Control (TECH 391)	Human Factors in Industrial Accident Prevention (TECH 434)	Applied Industrial Experimental Analysis (TECH 415)	Industrial Project Management (TECH 496)
Freshman Seminar				Manufacturing Processes (MFT 108)	Manufacturing Internship (MFT 119)	Purchasing (SCM 125)	Advanced Purchasing (SCM 259)	Supervision in Industry (TECH 404)	(ENGL 308) OR (MGMT 346)	Manufacturing Distribution Applications (TECH 492)	Major Elective: Logistics**
				Quality and Measurement (MFT 104)	Supply Chain Management (SCM 101)	Material Requirements Planning (MRP) (SCM 226)	Basic Technical Mathematics (MTH 097)	Plant Location, Layout, and Materials Handling (TECH 429)	Major Elective: Logistics**	Elective: Major Elective (from list)	Major Elective: Logistics**
					Production Control Concepts (SCM 120)	Social Science Elective*	Humanities Elective*		Major Elective: Logistics**	Major Elective: Logistics**	Major Elective: Logistics**
					Principles of Physical Distribution (SCM 121)					Elective: Technology Elective*	Elective: Technology Elective*
Dual Credit, Advanced Placement or Articulated Credit				Prerequisite Information				Prerequisite Information			
Recommended Math/Science Math courses through Algebra II with Pre-Calc, Biology, Physical Science, Additional Physical Science				Recommended Math/Science				General Education Requirements Additional coursework in Math may be required			
Recommended English/Social Studies				Recommended English/Social Studies Fundamentals of Speech Communication (SPE 101) *At least one of the Humanities or Social Science electives must also meet the World Cultures and Diversity graduation requirement.				Recommended English/Social Studies			
Recommended Electives				Recommended Electives Technical electives: Select courses not listed as required that have one of the following prefixes: ELI, MFT, MNT, SCM or WLD.				Recommended Electives • TECH 305: Green Technologies • TECH 402: Industrial Training & Evaluation • TECH 415 Applied Industrial Experimental Analysis • TECH 442: Work Simplification & Measurement • TECH 443 Engineering Economy • TECH 444: Manufacturing Control Systems • TECH 484: Energy Management			
Professional Learning/Internships				Professional Learning/Internships				Professional Learning/Internships			
Industry Credentials Earned				Industry Credentials Earned Inventory/Production Control, Logistics, Procurement or Supply Chain Management				Industry Credentials Earned			
Degree Completion Information For more information about Township High School Dist. 214 Transportation, Distribution & Logistics Cluster, contact Dan Weidner, Director of Career and Technical Education dan.weidner@d214.org 847-718-7600				Degree Completion Information For more information about the Harper College Associates in Applied Science Degree - Advanced Manufacturing Technology with Emphasis on Supply Chain Management Lisa Smith, Supply Chain Management Program Coordinator lsmith2@harpercollege.edu 847-925-6635				Degree Completion Information Stacey Deegan, Technology Program Advisor, College of Engineering and Engineering Technology sdeegan@niu.edu 815-753-9943			
Local Entry Level Positions after Degree				Local Entry Level Positions after Degree				Local Entry Level Positions after Degree			

- Key**
- Career-focused instructional sequence
 - Academic Competencies
 - Professional Learning