



Logistician

SOC Code 13-1081 • Projected Growth (2020) 0 %

Description

What Logisticians Do

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.

Duties

- Develop business relationships with suppliers and customers
- Work to understand customers' needs and how to meet them
- Direct the allocation of materials, supplies, and finished products
- Design strategies to minimize the cost or time required to move goods
- Review the success of logistical functions and identify areas for improvement
- Present performance data to management
- Propose improvements to management and customers
- Stay current on advances in logistics technology and incorporate new technologies into procedures

Training Opportunities Linked to Those Jobs (Degree Types and Colleges/Universities)

How to Become a Logistician

Although an associate's degree is sufficient for many logistician jobs, candidates increasingly need a bachelor's degree to advance beyond entry-level positions.

Education and Training

Logisticians can qualify for positions with an associate's degree in business or engineering or by taking courses on logistics. However, as logistics becomes increasingly complex, more companies prefer to hire workers who have at least a bachelor's degree. Many logisticians have a bachelor's or master's degree in business, finance, industrial engineering, or supply chain management.

Certification

Logisticians may get certification through the [American Society of Transportation and Logistics](#) (ASTL) or the [International Society of Logistics](#) (SOLE). The certification offered by each organization typically requires a combination of education, experience, and passing an exam. Although it is not required, certification can demonstrate professional competence and a broad knowledge of logistics.

Work Experience

Logisticians typically need work experience in a field related to logistics or business. Because military operations require a large amount of logistical work, some logisticians gain work experience while serving in the military. Some firms allow applicants to substitute several years of work experience for a degree.

Important Qualities

Communication skills. Logisticians need strong communication skills to collaborate with colleagues and do business with suppliers and customers.

Critical-thinking skills. Logisticians must develop, adjust, and successfully carry out logistical plans, and they often must find ways to cut costs and improve efficiency.

Organizational skills. Logisticians must be able to do several tasks at one time, keep detailed records, and manage several projects at once in a fast-paced workplace.

Problem-solving skills. Logisticians must handle unforeseen circumstances, such as delivery problems, and adjust plans as needed to resolve the issues.

Postsecondary Education

Texas Southmost College	South Texas College	Texas State Technical College	The University of Texas at Brownsville	The University of Texas - Pan American
Associates of Applied Science in Business Management Technology	Associates of Applied Science in Management	Certificate of Completion in Business Management Technology	Bachelors in Business Administration in Management	Bachelors of Business Administration in Management
Associates of Arts in Business		Certificate of Completion in Business Management Technology	Bachelors in Business Administration in International Business	

Local Employers

A Specialist Transit	Brownsville	Mundo Engineering	La Feria
Brownsville Custom Brokers	Brownsville	Richardson Construction Svc	San Benito
International Restaurant Equip	Harlingen	Transmigrantes Aguila	Los Indios

Career Options

(Specific Job Types)

- Integrated Logistics Support Manager
- Logician
- Logistics Team Lead
- Production Planner

Salary Ranges

Wages for **Logisticians**

Location	Pay Period	2012				
		10%	25%	Median	75%	90%
United States	Hourly	\$21.73	\$27.45	\$34.99	\$43.85	\$53.90
	Yearly	\$45,200	\$57,100	\$72,800	\$91,200	\$112,100
Texas	Hourly	\$22.82	\$28.62	\$36.57	\$46.17	\$58.09
	Yearly	\$47,500	\$59,500	\$76,100	\$96,000	\$120,800

Professional Associations linked to the Careers

For more information about logisticians, including certification, visit
[American Society of Transportation and Logistics](#)
[International Society of Logistics](#)

Sources

The information provided in this document was collected from the following sources:

- Occupational Outlook Handbook (<http://www.bls.gov/ooh/>)
- O*NET OnLine (<http://www.onetonline.org/>)
- Texas CARES (<http://www.texascaresonline.com/>)
- CareerOneStop (<http://www.careeronestop.org/>)



Course Overview: Focuses on careers in the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water, and related professional and technical support services.

Logistician

Career Goal (O*NET Code): (13-1081) - 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.

Student Name: _____

Grade: _____

School: _____

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

Middle School	8th	HS Courses:	Exploring Careers	Curricular Experiences:		Extracurricular Experiences:
High School	9th	Core Courses*:	English I Algebra I or Geometry Biology	World Geography Foreign Language I Physical Education	Business Professionals of America Future Business Leaders of America SkillsUSA Technology Student Association Career Learning Experiences: Career Preparation Internship Job Shadowing	Language Immersion Programs School Newspaper Student Government UIL Academic Competitions Yearbook Service Learning Experiences: Campus Service Organizations Community Service Volunteer Peer Mentoring / Peer Tutoring
		Career-Related Electives:	Principles of Transportation, Distribution and Logistics			
	10th	Core Courses:	English II Geometry or Algebra II Chemistry	World History Foreign Language II Elective		
		Career-Related Electives:	Energy, Power and Transportation Systems or Aircraft Technology			
	11th	Core Courses:	English III Algebra II Physics/Principles of Technology	United States History Foreign Language III** Professional Communications or Speech		
		Career-Related Electives:	Transportation Systems Management or Logistics, Planning and Management Systems or Advanced Aircraft Technology			
	12th	Core Courses:	English IV AP Calculus 4th Science	Government/Economics Fine Arts Elective		
		Career-Related Electives:	Advanced Aircraft Technology or Advanced Electronics or Practicum in Transportation, Distribution and Logistics			
How to Become a Logistician Although an associate's degree is sufficient for many logistician jobs, candidates increasingly need a bachelor's degree to advance beyond entry-level positions.				COLLEGE CREDIT OPPORTUNITIES -- High School Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated credit courses, if possible. List those courses that count for college credit on your campus.		Professional Associations: American Society of Transportation and Logistics International Society of Logistics
Postsecondary	Texas Southmost College South Texas College Texas State Technical College			Career Options: • Integrated Logistics Support Manager • Production Planner • Logistician • Logistics Team Lead		
	Associates of Applied Science in Business Management Technology Associates of Applied Science in Management Certificate of Completion in Business Management Technology Associates of Arts in Business Certificate of Completion in Business Management Technology					
	University of Texas at Brownsville University of Texas - Pan American					
	Bachelors in Business Administration in Management Bachelors of Business Administration in Management Bachelors in Business Administration in International Business					

*Students must meet local & state graduation requirements. ** Required coursework for Distinguished Graduation Plan (In addition to other measures). *** Based on campus availability. Students may select other elective courses for personal enrichment purposes.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2012. All plans meet high school graduation requirements as well as college entrance requirements.