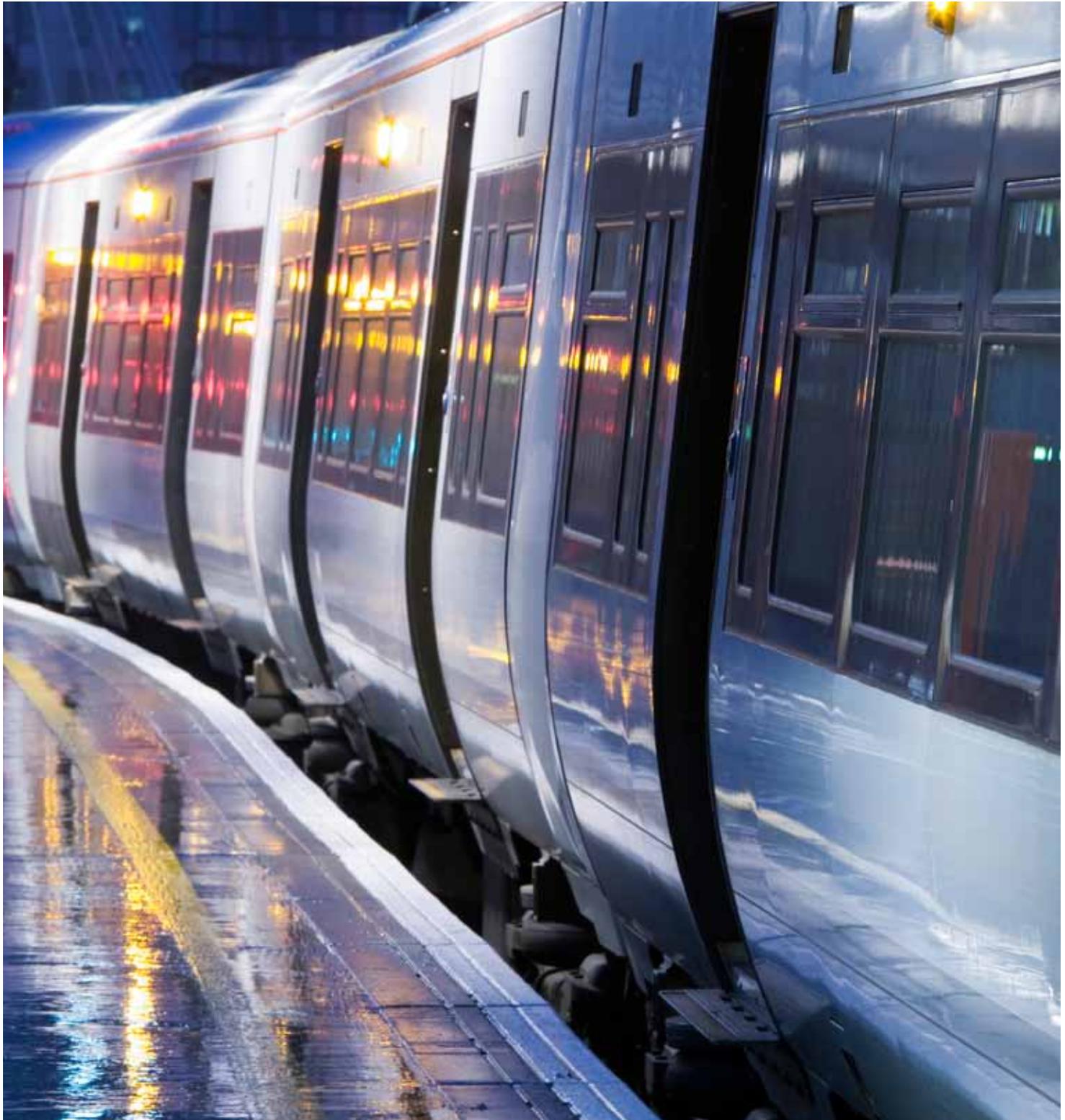


BE A PART OF

Transportation,
Distribution & Logistics



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The Road to Success —

Consider a Career in Transportation, Distribution & Logistics

“From global giants to local mom and pop businesses, businesses in the transportation, distribution and logistics industry improve distribution networks and manage supply chains to help people and products stay on the move. The infinite opportunities in this career cluster can lead to a career such as a driver, mechanic, airline pilot, customer solutions representative, IT consultant, logistics coordinator and operations manager.”

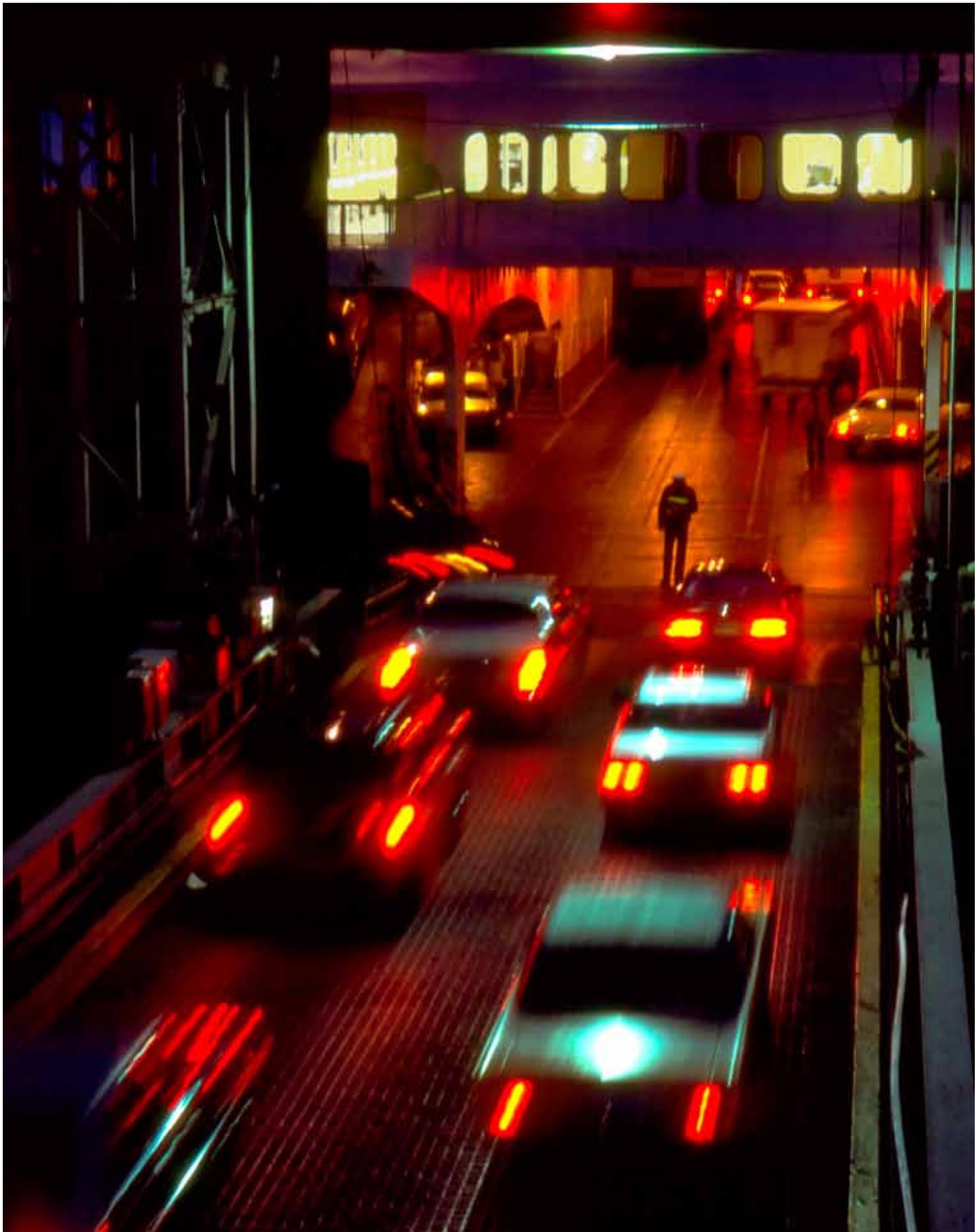
—Nekita Joyner
Human Resources Representative, UPS

Today's modern technology allows us to travel from one place to another quickly and in a variety of ways — by air, sea, highway and rail. With people all over the globe constantly in motion, there's a consistent need to build, manage and maintain these various methods of transportation. Why not consider a career that will help keep the people and goods of the world on the move?

The expansive field of transportation, distribution and logistics includes jobs that suit a range of interests and talents. If you'd like to be the driving force (literally) behind a mode of transportation, consider becoming a truck driver, railroad conductor or pilot. Behind the scenes, you might want to try your hand at designing or maintaining transportation equipment. Or perhaps you're a people person — in that case, a career on the sales and service side of transportation may be for you.

Careers also include logistics; the planning, construction and maintenance of transportation facilities and equipment; the management of safety and security; the sales of transportation equipment and the providing of service to customers. Transportation field workers not only get people from Point A to Point B — they take goods where they need to go by managing freight trains or working in distribution centers, for example.

Transportation is a field that's witnessing many changes. Security and safety concerns are on the rise, transportation technology continues to advance and global trade and travel are expanding, as is the world population. That means a growing demand and more job opportunities for those considering a career in the transportation field.



THE TRANSPORTATION, DISTRIBUTION & LOGISTICS CLUSTER

Career clusters are tools that can help you decide which career path to follow, and the education and training that's required to reach your chosen career goals. They provide an outline of what you'll learn in school to prepare for a career in a specific professional field.

The Transportation, Distribution and Logistics Cluster is divided into seven majors, each of which includes professions involved in different sectors of the transportation industry.

The seven majors are Transportation Operations; Transportation System Infrastructure; Health, Safety and Environmental Management; Facility and Mobile Equipment Maintenance; Sales and Service; Warehousing and Distribution Center Operations; and Logistics Planning and Management Services. Each of these majors consists of jobs that keep the people and goods of our

world moving, but job descriptions vary greatly. Some jobs, such as train engineers and airplane mechanics, involve hands-on work with heavy equipment. Some, such as transportation marketing managers and logistics analysts, require people and computer skills.

Professionals working within the Transportation, Distribution and Logistics Cluster are typically employed by a company or government agency. Educational requirements vary from a high school diploma to a law degree, depending on the job.

According to the Occupational Information Network (O*NET), there are more than 100 occupations that fall under the Transportation, Distribution and Logistics Cluster, so the choices are vast for students interested in becoming a part of this industry.





TRANSPORTATION OPERATIONS

Professionals working in the transportation operations major are involved in the physical movement of transportation modules, including cars, airplanes, trains, ships, trucks and buses. Included are those who operate the transportation equipment, such as pilots, truck drivers and ship captains, as well as those who work in operations of transportation equipment, such as airport managers, flight attendants and dispatchers.

These individuals ensure that mobile transportation equipment is operated safely and takes passengers and goods where they need to go in a timely manner. They manage passengers, information regarding transportation routes and schedules and inventory of goods transported by mobile equipment. They also provide customer service to passengers and educate them about best practices while using transportation services.

Education/Credentials

Workers such as bus and truck drivers, dispatchers, flight attendants and train conductors can find jobs with a high school diploma and a period of on-the-job training. For managerial positions, such as airport, terminal and operations managers, a bachelor's degree is typically required. Working as a pilot usually requires a bachelor's degree as well. Some positions that require advanced knowledge, such as operations research systems analysts, may require a master's degree.

Jobs Outlook & Growth Potential

The U.S. Bureau of Labor Statistics (BLS) expects average growth for jobs that fall under this major. In the aviation industry, strong competition exists for jobs such as air traffic controllers and commercial pilots. Jobs in public transit, such as bus drivers, are expected to increase as high gas prices have spurred the public to choose public transportation. The outlook for railroad industry jobs

is expected to be good as many current workers in the industry are expected to retire.

The fastest job growth is expected for the water transportation industry, according to the BLS. Jobs for ship captains and pilots, ship engineers and deck hands are expected to increase by 15 percent through 2018. An increase in tourism and offshore oil and gas production – plus the possibility of wind-turbine farms – is a major reason behind this favorable outlook.

Sample Tasks & Responsibilities

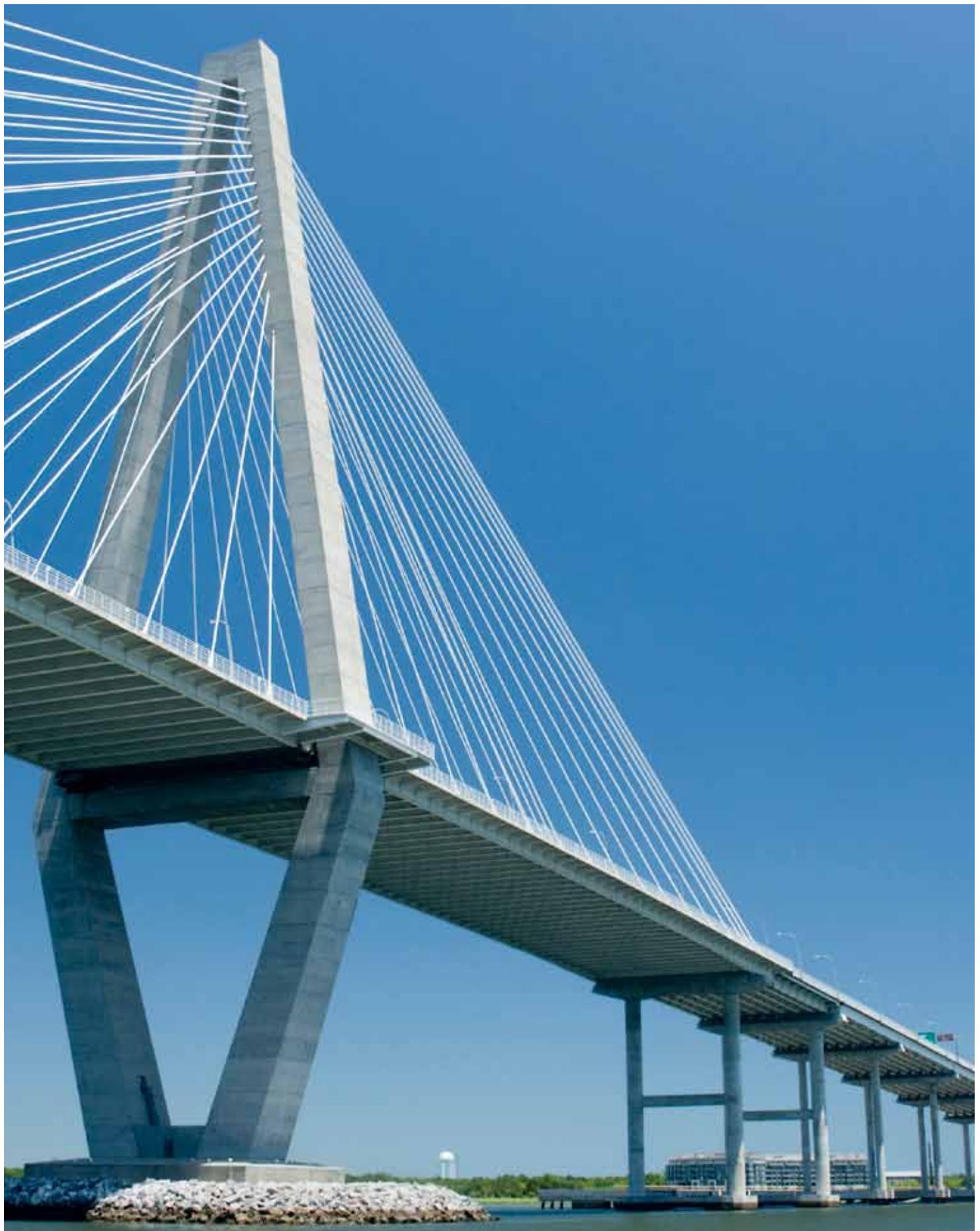
- Issue landing and take-off authorizations and instructions.
- Steer aircraft along planned routes, using autopilot and flight management computers.
- Interpret train orders, signals and railroad rules and regulations that govern the operation of locomotives.
- Set operations policies and standards, including determination of safety procedures for the handling of dangerous goods.
- Drive large trucks, including tractor-trailer combinations, to transport and deliver products, livestock or other materials.

Required Skills

- Judgment and Decision Making — Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- Operation Monitoring — Watching gauges, dials, or other indicators to make sure a machine is working properly.
- Operation and Control — Controlling operations of equipment or systems.
- Active Listening — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate.
- Coordination — Adjusting actions in relation to others' actions.

Sample Career Options

Associate's Degree or Less	Bachelor's Degree	Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000	Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Truck Driver • Fueler • Air Traffic Controller • Dispatcher • Scheduler 	<ul style="list-style-type: none"> • Bus Driver • Ship Captain • Harbor Master • Conductor • Train Engineer 	<ul style="list-style-type: none"> • Pilot • Military Flight Operations Manager • Airport Manager • Quality Manager • Flight Service Manager • Business Process Engineer • Process Improvement Manager • Operations Manager • Terminal Manager
		<ul style="list-style-type: none"> • Operations Research Systems Analyst • Company Owner



TRANSPORTATION SYSTEM INFRASTRUCTURE

Professionals working in the transportation infrastructure major are responsible for designing, managing and regulating public transportation systems, from a city's roadways to an airport's runways. They inspect and monitor mobile transportation equipment, monitor goods as they're transported, manage factors that affect the flow of traffic on roads, and study systems to determine the best changes or improvements to be made.

Jobs in the transportation infrastructure major range from those that involve the initial planning stages of a new transportation facility or system to those that require inspecting or maintaining facilities and systems that have long been in place. They include highway and traffic engineers, transportation planners, surveyors, architects and lawyers who specialize in transportation infrastructure law.

Education/Credentials

Most jobs in this major require a bachelor's degree, but some can be obtained with a high school diploma or associate's degree. A job as an engineering or computer-aided drafting technician, construction supervisor or inspector can usually be attained with an associate's degree. Positions such as transportation planner, surveyor, environmental specialist and engineer require a bachelor's degree.

Jobs Outlook & Growth Potential

Since the jobs that fall into the transportation system infrastructure major cross over into several fields (law, architecture and engineering, for example), the job growth potential varies. According to the BLS, architecture jobs are expected to grow by 16 percent by 2018, surveyor jobs are predicted to rise by 19 percent by 2018 and an average growth rate is expected for engineering positions.

Sample Tasks & Responsibilities

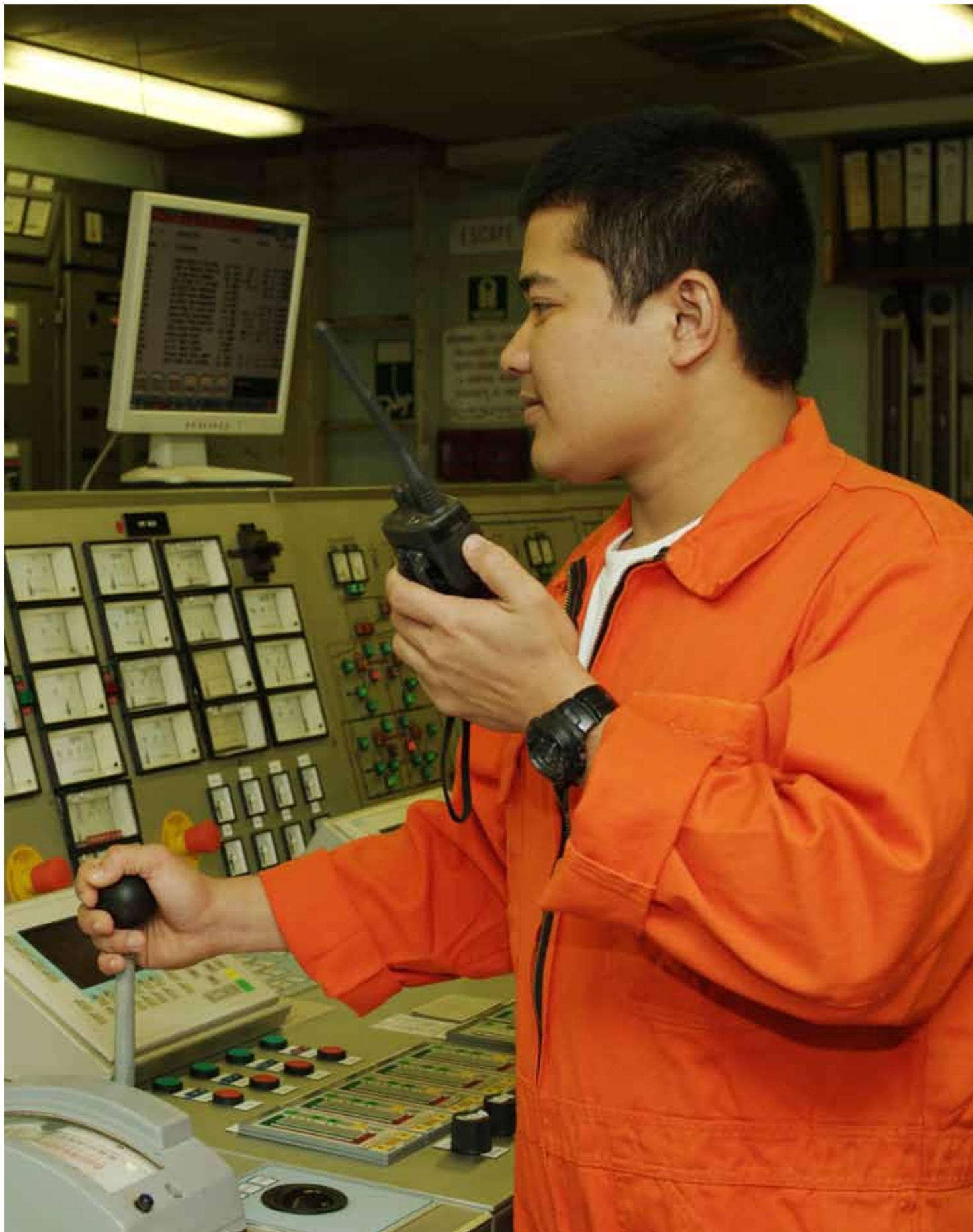
- Inspect work of aircraft mechanics performing maintenance, modification or repair and overhaul of aircraft and aircraft mechanical systems to ensure adherence to standards and procedures.
- Clear goods through customs and to their destinations for clients.
- Inspect shipments to ensure that freight is securely braced and locked.
- Develop design ideas for new or improved transport infrastructure, such as junction improvements, pedestrian projects, bus facilities and car parking areas.
- Recommend transportation system improvements or projects, based on economic, population, land-use or traffic projections.

Required Skills

- Monitoring — Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
- Quality Control Analysis — Conducting tests and inspections of products, services, or processes to evaluate quality or performance.
- Complex Problem Solving — Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- Critical Thinking — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

Sample Career Options

Associate's Degree or Less	Bachelor's Degree	Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000	Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Construction Supervisor • Engineering Technician • Drafter/CAD Technician • Security Engineer • Facility Engineer • Motor Carrier (MC) Safety Inspector 	<ul style="list-style-type: none"> • Surveyor • Transportation Planner • Traffic Engineer • Civil Engineer • Highway Engineer • Real Property Officer • Environmental Specialist • Systems Engineer • Structural Engineer • Government Agency Administrator • MC Safety Specialist • MC Safety Investigator 	<ul style="list-style-type: none"> • Architect • Lawyer • Senior Agency Administrator • MC Operations Manager/Administrator



HEALTH, SAFETY & ENVIRONMENTAL MANAGEMENT

While the world's transportation systems are vital for taking people, goods and materials where they need to go, they also pose potential threats to human health and safety, and to the environment. Mobile transportation equipment can fail, passengers may attempt to commit crimes on board planes and subways, and exhaust fumes can harm the environment. Professionals working in the health, safety and environmental management major are responsible for keeping such threats to a minimum.

Jobs in this major include inspectors of accidents and emissions, security and customs officers, air marshals, environmental analysts and lawyers.

Education/Credentials

Few jobs in the health, safety and environmental management major require education beyond a bachelor's degree. Some jobs, such as flight attendants, security officers and some safety and environmental inspectors, can be obtained with a high school diploma or associate's degree plus on-the-job training. The majority of jobs in this major, such as occupational health and safety specialists, air marshals and customs and Coast Guard officers, require a bachelor's degree plus training in specific laws and procedures.

Jobs Outlook & Growth Potential

The BLS predicts at least average, and in some cases faster than average, growth of jobs in the field of transportation health, safety and environmental management. Average growth at a rate of 10 percent through 2018 is expected for air marshal jobs, along with keen competition. An average growth rate of 11 percent through 2018 is predicted for occupational health and safety specialist jobs.

A demand for increased security explains the faster than average expected growth rate for security officers – 14 percent through 2018. Faster than average growth is also expected for investigator positions (22 percent through 2018), but competition will be high.

Sample Tasks & Responsibilities

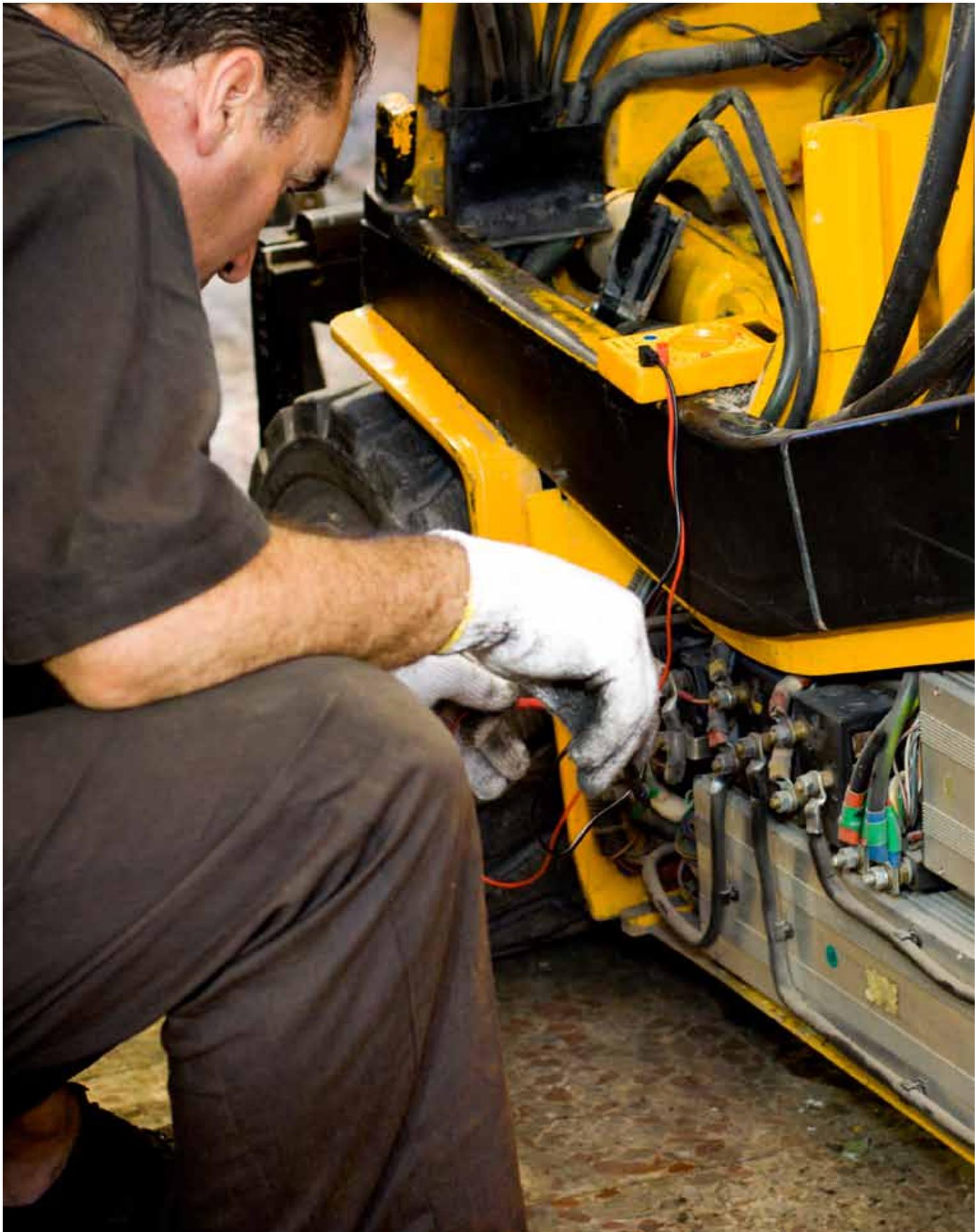
- Investigate accidents to identify causes and to determine how such accidents might be prevented.
- Conduct safety training and education programs and demonstrations.
- Monitor and authorize entrance and departure of employees, visitors and other persons to guard against theft and maintain security.
- Determine the nature of code violations and actions to be taken, and issue written notices of violations, participating in enforcement hearings if necessary.
- Examine immigration applications, visas and passports and interview persons to determine eligibility for admission, residence and travel in the U.S.

Required Skills

- Science — Using scientific rules and methods to solve problems.
- Active Listening — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate.
- Monitoring — Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
- Judgment and Decision Making — Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- Instructing — Teaching others how to do something.

Sample Career Options

Associate's Degree or Less	Bachelor's Degree		Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000		Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Safety or Environmental Inspector • Accident Investigator • Material and Equipment Inspector • Emergency Manager • Emissions Inspector • Security Investigator • Security Officer • Flight Attendant • Motor Carrier (MC) Safety Inspector 	<ul style="list-style-type: none"> • Environmental Analyst • Public Administrator • Traffic Safety Officer • Civil Engineer • Occupational Safety Officer 	<ul style="list-style-type: none"> • Air Marshal • Customs Officer • Process Improvement Manager • Coast Guard Officer • MC Safety Specialist • MC Safety Investigator 	<ul style="list-style-type: none"> • Environmental Lawyer • MC Operations Manager/Administrator



FACILITY & MOBILE EQUIPMENT MAINTENANCE

After transportation facilities and mobile transportation equipment have physically been built, the work is not yet done – maintenance and upgrades will be needed. Structures that house transportation terminals will need to be renovated, cars will need to be repaired and railcars will need technical upgrades, to cite a few examples.

Jobs in this major include mechanics and technicians with expertise in a specific type of equipment, engineers who specialize in the design and maintenance of transportation equipment, as well as operations management positions.

Education/Credentials

Most jobs in the facility and mobile equipment maintenance major require a two-year or career or technology school degree plus on-the-job training, or a bachelor's degree. In general, mechanic and technician positions, regardless of the equipment specialty, only require the equivalent of an associate's degree. Engineering positions require a four-year bachelor's degree, as do managerial jobs in the facility and mobile equipment maintenance field.

Jobs Outlook & Growth Potential

Jobs for mobile equipment technicians and mechanics are expected to experience slow to average growth through 2018, according to the U.S. Department of Labor. Average growth is expected for aircraft mechanic and technician jobs, with a predicted growth rate of seven percent. Slow growth is also expected for all other mobile heavy equipment mechanic jobs, with an expected growth rate of eight percent. Job availability for auto mechanics is not expected to change through 2018, with an anticipated growth rate of just one percent. For any mechanic or technician job, post-secondary training will give candidates an edge.

Average growth is also expected in the field of engineering, with civil engineering atop the list. Overall, engineers can expect a job growth rate of 11 percent through 2018.

Sample Tasks & Responsibilities

- Read and interpret maintenance manuals, service bulletins, and other specifications to determine repair feasibility and methods.
- Examine and inspect aircraft components, including landing gear, hydraulic systems, and deicers to locate cracks, breaks, leaks, or other problems.
- Test mechanical products and equipment after repair or assembly to ensure proper performance and compliance with manufacturers' specifications.
- Research, design, evaluate, install, operate and maintain mechanical products, equipment, systems and processes to meet requirements, applying knowledge of engineering principles.
- Direct and coordinate activities of engineering or technical personnel designing, fabricating, modifying, or testing of aircraft or aerospace products.

Required Skills

- Equipment Selection – Determining the kind of tools and equipment needed to do a job.
- Technology Design – Generating or adapting equipment and technology to serve user needs.
- Operations Analysis – Analyzing needs and product requirements to create a design.
- Repairing – Repairing machines or systems using the needed tools.
- Installation – Installing equipment, machines, wiring, or programs to meet specifications.

Sample Career Options

Associate's Degree or Less	Bachelor's Degree		Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000		Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Automotive Technician • Collision Repair Technician • Fleet Maintenance Manager • Airframe Mechanic • Power Plant Mechanic • Diesel Mechanic • Railcar Technician • Materials Specialist • Welder 	<ul style="list-style-type: none"> • Mechanical Engineer • Aerospace Engineer • Design Engineer • Structural Engineer • Electrical Engineer • Computer Engineer 	<ul style="list-style-type: none"> • Mechanical Engineer • Civil Engineer • Manufacturing Operations Manager • Process Engineer • Integration Engineer 	<ul style="list-style-type: none"> • Systems Engineer • Quality Engineer • Company Owner • CEO



SALES & SERVICE

While transportation facilities, equipment and systems need to be designed by specialists in those majors, others must be employed to sell transportation equipment to businesses, market transportation services to potential passengers and handle customer questions and complaints. Business professionals also manage and analyze aspects such as finances.

This major is ideal for individuals who would like to be a part of the Transportation, Distribution and Logistics Cluster but at the same time want to pursue a career in sales, marketing or business. Jobs include marketing managers, customer service representatives, market analysts and finance specialists.

Education/Credentials

Most positions in the sales and service major require a minimum of a two-year associate's degree. Educational requirements vary depending on the job's duties and the level of responsibility the job entails. Positions such as travel agents, customer service representatives and entry-level sales jobs may require only an associate's degree. For jobs that require special expertise or management duties, a four-year bachelor's degree is usually required. These positions may include sales and general managers, contract and procurement officers and marketing coordinators.

Jobs Outlook & Growth Potential

Job outlook in the sales and service realm of the transportation industry is likely to match the outlook for these positions in any other industry. According to the BLS, growth for equipment sales professionals is likely to be average, with an expected growth rate of 9 percent through 2018.

For advertising, marketing and public relations professionals, job growth is likely to be average as well,

with a growth rate of 13 percent through 2018. However, competition for these positions is tough, as they are considered highly desirable. Competition also exists for financial analyst positions, which are desired for their high pay. Growth for financial analysts is predicted to be faster than average, with a 20 percent increase in jobs through 2018. Customer service jobs are also expected to grow at a higher than average rate at 18 percent through 2018.

Sample Tasks & Responsibilities

- Converse with customers to determine destination, mode of transportation, travel dates, financial considerations and accommodations required.
- Confer with customers by telephone or in person to provide information about products and services, take or enter orders and handle complaints.
- Provide information to help companies determine their position in the marketplace.
- Plan and direct staffing, training, and performance evaluations to develop and control sales and service programs.
- Formulate, direct and coordinate marketing activities and policies to promote products and services, working with advertising and promotion managers.

Required Skills

- Persuasion — Persuading others to change their minds or behavior.
- Speaking — Talking to others to convey information effectively.
- Service Orientation — Actively looking for ways to help people.
- Writing — Communicating effectively in writing as appropriate for the needs of the audience.
- Management of Personnel Resources — Motivating, developing, and directing people as they work, identifying the best people for the job.

Sample Career Options		
Associate's Degree or Less	Bachelor's Degree	Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000	Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Reservation Agent • Customer Service Representative • Salesperson • Service Writer • Leasing Specialist • Title/Registration Administrator 	<ul style="list-style-type: none"> • General Manager • Market Analyst • Marketing Manager • Sales Manager • Contract Officer • Procurement Officer • Finance Specialist 	<ul style="list-style-type: none"> • Company Owner • CEO • Senior Sales Professionals • Consultant



WAREHOUSING & DISTRIBUTION CENTER OPERATIONS

As products and materials are transported from one place to another, many individuals are hard at work managing these goods that flow in and out of warehouses and distribution centers. This major represents all of the jobs that involve the management and operations duties that take place at these warehouses and distribution centers.

These workers are responsible for managing the inventories of products and materials at these facilities, as well as processing, sorting, assembling and packaging the goods. They also provide customer service to buyers of the products, manage warehouse and distribution center workers and ensure that safety compliance standards are met.

Education/Credentials

Most positions in warehouse and distribution centers require a minimum of a high school diploma or GED certificate. Educational requirements typically depend on the amount of responsibility the job carries. For non-management positions, such as shipping clerks, forklift operators and packagers, education beyond high school is not required. First-line manager and supervisor jobs may require a two-year associate's degree.

Jobs Outlook & Growth Potential

According to the BLS, job outlook in the warehouse and distribution center industry reflects the ups and downs of the U.S. economy. In the industry as a whole (which includes truck transportation jobs), a growth of 11 percent is expected through the year 2018. The demand is partially due to the increasing popularity of purchasing goods over the Internet. Workers with strong information technology skills will have the best chances of finding work.

The outlook is also good for industrial engineers – jobs are expected to grow at a faster than average rate of 14 percent through 2018. This positive outlook is due to an increasing need for greater efficiency.

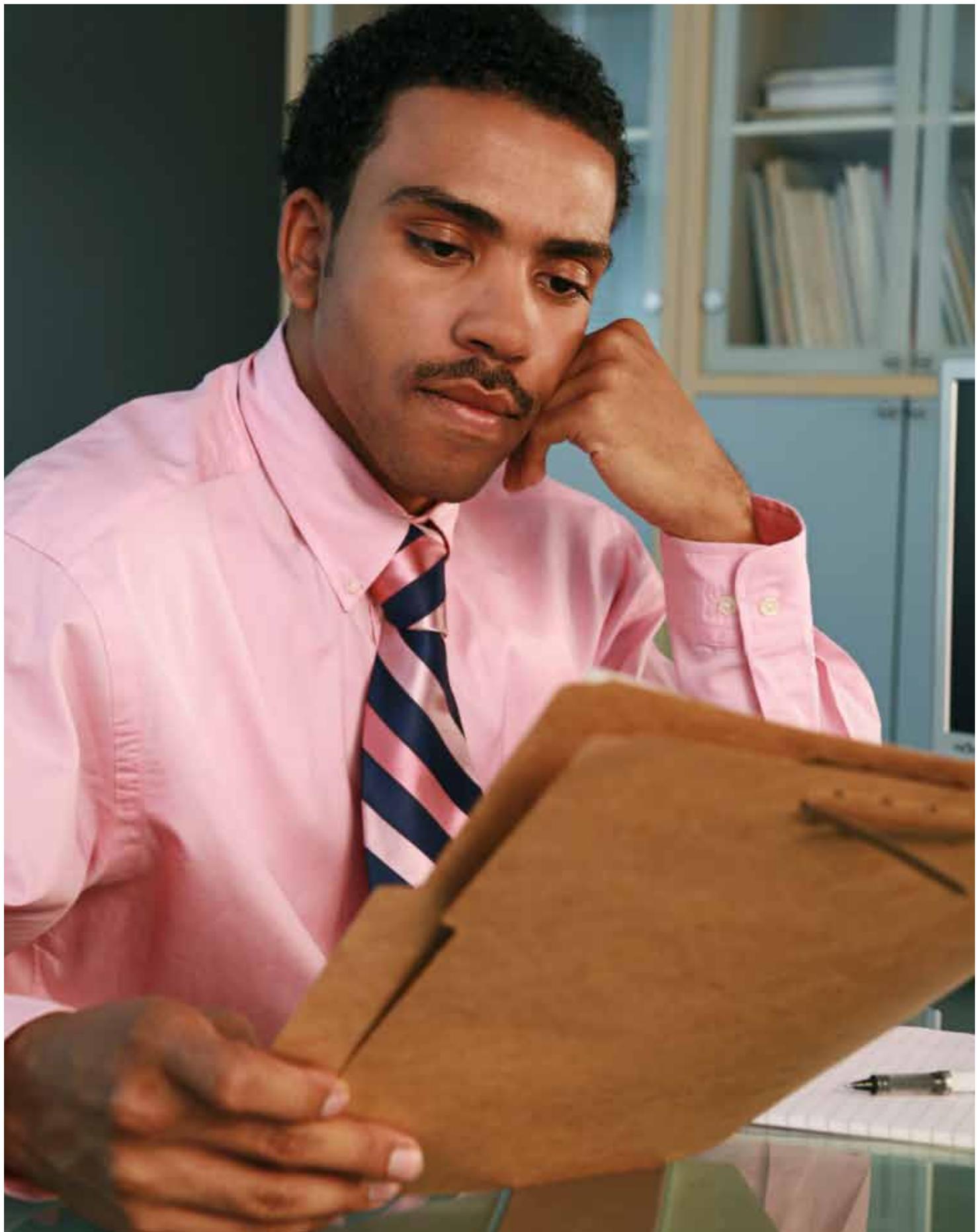
Sample Tasks & Responsibilities

- Develop manufacturing methods, labor utilization standards, and cost analysis systems to promote efficient staff and facility utilization.
- Coordinate quality control objectives and activities to resolve production problems, maximize product reliability, and minimize cost.
- Check specifications of materials loaded or unloaded against information contained in work orders.
- Move freight, stock, and other materials to and from storage and production areas, loading docks, delivery vehicles, ships, and containers, by hand or using trucks, tractors, and other equipment.
- Assemble, line, and pad cartons, crates, and containers, using hand tools.

Required Skills

- Coordination — Adjusting actions in relation to others' actions.
- Management of Personnel Resources — Motivating, developing, and directing people as they work, identifying the best people for the job.
- Service Orientation — Actively looking for ways to help people.
- Mathematics — Using mathematics to solve problems.
- Complex Problem Solving — Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.

Sample Career Options		
Associate's Degree or Less	Bachelor's Degree	Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000	Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • Forklift Operator • Warehouse Supervisor • Parts Manager • Hazardous Materials Specialist • Database Specialist • Inventory Specialist • Stationary Engineer • Shipping Specialist • Receiving Specialist • Distribution Manager 	<ul style="list-style-type: none"> • Industrial Engineer • Distribution Center Manager • Inventory Manager • Quality Control Manager • Import/Export Manager • Logistics Engineer • Industrial Engineering Technician 	<ul style="list-style-type: none"> • Company Owner • CEO



LOGISTICS PLANNING & MANAGEMENT SERVICES

Transporting people and goods around the world is a highly complex process. The jobs that fall under this major, logistics planning and management services, encompass professionals in charge of managing and analyzing the many procedures that move people and goods from one place to another.

Jobs in this major include route planners, demographers, transportation planners, traffic technicians, traffic engineers, logistics analysts and logistics engineers.

Education/Credentials

Most jobs in this major require a bachelor's degree, but some can be entered with less formal education. Work as a computer-aided drafting technician, route planner or traffic technician can be found with a two-year associate's degree. Other jobs that require specific knowledge and a higher degree of responsibility, such as logistics analysts and transportation planners, must be preceded by a four-year bachelor's degree.

For engineering positions in this major (traffic and logistics engineers, industrial engineers, computer-aided drafting engineers), a bachelor's degree in engineering is needed. Engineers also must be licensed to offer their services to the public.

Jobs Outlook & Growth Potential

According to the Occupational Information Network (O*NET), jobs for transportation planners, logistics analysts and logistics engineers are expected to grow at a faster than average rate through 2018 — at about 20 percent for all three occupations. Jobs for traffic technicians are predicted to grow at an average rate of between 7 and 13 percent through 2018. Traffic technicians with solid on-the-job training under their

belts have the best chances of landing a job. For industrial engineers, jobs are expected to grow at a faster than average rate of 14 percent through 2018.

Sample Tasks & Responsibilities

- Analyze information related to transportation, such as land-use policies, environmental impact of projects, or long-range planning needs.
- Analyze logistics data, using methods such as data mining and modeling and cost or benefit analysis.
- Provide facility and capacity planning analyses.
- Interact with the public to answer traffic-related questions, respond to complaints and requests, or discuss traffic control ordinances, plans, policies, and procedures.
- Direct inbound and outbound logistics operations, such as transportation or warehouse activities, safety performance, and logistics quality management.

Required Skills

- Active Listening — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate.
- Critical Thinking — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- Judgment and Decision Making — Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- Monitoring — Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
- Service Orientation — Actively looking for ways to help people.

Sample Career Options

Associate's Degree or Less	Bachelor's Degree	Bachelor's Degree Plus Graduate Degrees and/or Certifications
Annual Salary Range \$30,000-\$50,000	Annual Salary Range \$50,000-\$100,000	Annual Salary Range \$100,000 +
<ul style="list-style-type: none"> • CAD Technician • Route Planner • Traffic Technician 	<ul style="list-style-type: none"> • Logistics Analyst • Traffic Engineer • Industrial Engineer • Demographer • Transportation Manager • CAD Engineer • Logistics Engineer 	<ul style="list-style-type: none"> • Company CEO

BY THE NUMBERS

Transportation, Distribution & Logistics

Jobs in the transportation and warehousing industry are in high demand and are expected to grow by 20 percent overall through 2020, according to the U.S. Bureau of Labor Statistics (BLS).

Here is a look at employment specifics from the BLS:

Occupation	Annual Median Salary (2010)	Hourly Pay (2010)	2010 Employment	2020 Projected Employment	Employment Change	Percentage Change
Air Traffic Controllers	\$108,040	\$51.94	27,000	26,200	-800	-3
Airline Pilots	\$92,060	\$44.26	103,500	115,000	11,500	11
Industrial Engineers	\$76,100	\$36.59	203,900	217,000	13,100	6
Industrial Designers	\$58,230	\$27.99	40,800	45,100	4,300	10
Railroad Conductors	\$49,770	\$23.93	40,800	42,700	1,900	5
Truck Drivers, Heavy and Tractor-Trailer	\$37,700	\$18.16	1,604,800	1,934,900	330,100	21
Automobile Mechanics	\$35,790	\$17.21	723,400	848,200	124,800	17
Travel Agents	\$31,870	\$1.32	82,800	91,100	8,300	10
Customer Service Representatives	\$30,460	\$14.64	2,187,300	2,525,700	338,400	15
Security Guards	\$24,380	\$11.72	1,090,600	1,290,800	200,200	18



RESOURCES



- Air Line Pilots Association: www.clearedtodream.org
- American Institute of Aeronautics and Astronautics: www.aiaa.org
- American Public Transportation Association: www.apta.com
- American Society of Mechanical Engineers: www.asme.org
- American Society of Transportation and Logistics: www.astl.org
- American Society of Travel Agents: www.asta.org
- American Trucking Associations: www.truckline.com
- Association of Flight Attendants: www.afanet.org
- Automotive Service Association: www.asashop.org
- Brotherhood of Locomotive Engineers and Trainmen: www.ble.org
- Career Technical Education (CTE): www.careertech.org
- Carolina Aeronautical: www.carolina-aero.com
- Clemson University: www.clemson.edu
- Greenville Technical College: www.gvltec.edu
- International Society of Logistics: www.sole.org
- Material Handling Industry of America: www.mhia.org
- Midlands Education and Business Alliance: www.mebasc.com
- Midlands Regional Education Center: <http://recs.sc.gov>
- Midlands Technical College: www.midlandstech.edu
- National Air Traffic Controllers Association: www.natca.org
- O*NET Online: www.onetcenter.org
- Society of Collision Repair Specialists: www.scrs.com
- South Carolina Career Information System: sccis.intocareers.org
- Taxicab, Limousine and Paratransit Association: www.tlpa.org
- The Intermodal Association of North America: www.intermodal.org
- Trident Technical College: www.tridenttech.edu
- U.S. Bureau of Labor Statistics: www.bls.gov
- United Transportation Union: www.utu.org
- University of South Carolina: www.sc.edu
- Warehousing Education and Research Council: www.werc.org

TRANSPORTATION, DISTRIBUTION & LOGISTICS RELATED RESOURCES IN THE MIDLANDS

Ms. Thyra Austin

US FoodService
PO Box 869
Lexington SC 29071
803-951-4271
thyra.austin@usfood.com

Ms. Chappelle Broome

Columbia Metropolitan Airport
PO Box 280037
Columbia SC 29228
803-822-5012
c.broome@columbiaairport.com

Mr. Carson Conner

Midlands Technical College
PO Box 2408
Columbia SC 29202
803-738-7632
connerc@midlandstech.edu

Ms. Tiffany Harrison

Fairfield County Economic
Development
PO Box 60
Winnsboro SC 29180
803-712-1923
tharrison@fairfieldsc.com

Ms. Tamie Head

Columbia Metropolitan Airport
PO Box 280037
Columbia SC 29228
803-822-7833
t.head@columbiaairport.com

Ms. Nekita Joyner

UPS
3400 Edmund Highway
West Columbia, SC 29170
803-822-6290
njoyner@ups.com

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