Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

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<th>Pathways</th>
<th>Transportation Operations</th>
<th>Logistics Planning and Management Services</th>
<th>Warehousing and Distribution Center Operations</th>
<th>Facility and Mobile Equipment Maintenance</th>
<th>Transportation Systems/Infrastructure Planning, Management, and Regulation</th>
<th>Health, Safety and Environmental Management</th>
<th>Sales and Service</th>
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Sample of Career Specialties / Occupations

**Air/Space Transportation:**
- Airline pilots/copilots
- Commercial pilots
- Flight engineers
- Flight attendants
- Dispatchers-air
- Traffic managers
- Air traffic controllers
- Aircraft cargo handling supervisors
- Airfield operations specialists
- Other airlines operations and support jobs

**Rail Transportation:**
- Transportation managers—rail
- Dispatchers-rail
- Traffic managers
- Locomotive engineers
- Locomotive firemen
- Railway conductors and yardmasters
- Railroad brake, signal and switch operators (including train crew members and yard workers)
- Railyard engineers, dinkey operators, and hustlers
- Other railyard and terminal operations and support jobs

**Water Transportation:**
- Transportation managers—water
- Dispatchers—water
- Traffic managers
- Captains
- Mate
- Pilots of water vessels
- Sailors and marine oilers
- Able seamen
- Ordinary seamen
- Ship and boat captains
- Ship engineers
- Motorboat operators
- Bridge and lock tenders
- Other port/harbor/wwaterway/ma/ina operations and support jobs

**Road Transportation**
- Transportation managers—road
- Dispatchers—truck/bus/taxi, traffic managers
- Truck drivers-heavy
- Truck drivers-truck-trailer
- Truck drivers—light or delivery services
- Bus drivers-transit and intercity
- Bus drivers-school
- Taxi drivers and chauffeurs
- Truck/bus/taxi terminal operations and support jobs

**Transit Systems:**
- Transportation managers—mass transit
- Dispatchers-bus
- Traffic managers
- Dispatchers-rail
- Traffic managers
- Bus drivers—transit and intercity
- Subway and streetcar operators
- Other terminal operations and support jobs

**Tourism and Travel:**
- Tourism managers
- Tour guides
- Travel agents
- Hotel desk clerks
- Accounting clerks
- Receptionists
- Travel service representatives
- Customer service representatives
- Other travel and transportation jobs

**Health, Safety and Environment:**
- Environmental compliance inspectors
- Safety analysts
- Health and safety managers
- Environmental health and safety engineers
- Environmental scientists and specialists
- Environmental science and protection technicians
- Environmental management and engineers
- Environmental compliance inspectors
- Safety analysts

**Marketing:**
- Marketing managers
- Sales managers
- Sales representatives—transportation/logistics services
- Customer service representatives
- Customer service representatives
- Other business and sales jobs

**Cluster knowledge and skills**
- Academic Foundations
- Communications
- Problem Solving and Critical Thinking
- Information Technology Applications
- Systems
- Safety, Health and Environmental
- Leadership and Teamwork
- Ethics and Legal Responsibilities
- Employability and Career Development
- Technical Skills

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