

Table 1: Transportation Operations Pathway

Occupation Title	Occupation Description	Occupation-Specific Knowledge & Skills	Education/ Training Requirements
Transportation Manager	Plan, direct, and coordinate the transportation operations and services within an organization	<ul style="list-style-type: none"> • Knowledge of principles and methods for moving goods • Knowledge of methods and processes for performing cost/benefit analyses of transportation operations • Knowledge of best practices for customer service and quality • Knowledge and application experience with leadership, human resource management, resource allocation, and strategic planning • Knowledge of corporate policies regarding administrative functions • Knowledge of local, state, and national driving, safety, and security laws and regulations • Knowledge of ERP, logistics planning, supply chain, and navigational software • Knowledge of transportation industry organizations and other benchmarking organizations <p>Key enhanced skills include organization, communication, delegating, strategic planning, budgeting, decision making, problem solving, and leadership</p>	On-the-job training; vocational school training required for most; or associate's degree (some require bachelor's degree)
First-Line Supervisor, Driver Manager	Directly supervise and coordinate work assignments of drivers (tractor-trailer, delivery/ short haul, yard jockeys)	<ul style="list-style-type: none"> • Knowledge of principles and methods for moving goods • Knowledge of best practices for customer service and quality • Knowledge of policies & procedures to promote local, state, and/or national safety & security operations • Knowledge of human resources practices, including recruitment, training, compensation & benefits, and personnel information systems • Knowledge of selecting training & education programs appropriate for each driver group <p>Key skills include communication, delegating, time management, problem solving, negotiation, motivation, instruction, and leadership</p>	On-the-job training; vocational school training required for most; or associate's degree (some require bachelor's degree)

(Table 1, continued)

Occupation Title	Occupation Description	Occupation-Specific Knowledge & Skills	Education/ Training Requirements
Tractor-Trailer Driver	Drive a tractor-trailer truck to transport products, livestock, food, or materials to specified locations, generally over a long distance	<ul style="list-style-type: none">• Knowledge of principles and methods for moving goods• Knowledge of geography and map reading• Knowledge of local, state, and /or national driving laws, governmental policies, and regulations• Knowledge of truck operation and general maintenance• Knowledge of policies and procedures regarding safety and security• Knowledge of proper reporting and logging procedures• Ability to use and monitor equipment controls <p>Key skills include safe vehicle operation, attention to detail, truck maintenance, equipment controls operation</p>	Vocational or technical school training to obtain a Commercial Driver’s License (CDL); 2 years experience with CDL and clean driving record required for most
Truck Driver	Drive a on local routes, between company locations, or on short-haul trips	<ul style="list-style-type: none">• Knowledge of principles and methods for moving goods• Knowledge of geography and map reading• Knowledge of local, state, and /or national driving laws, governmental policies, and regulations• Knowledge of truck operation and general maintenance <p>Key skills include safe vehicle operation, truck maintenance, equipment controls operation attention to detail</p>	Vocational or technical school training to obtain a Commercial Driver’s License
Dispatcher	Schedule and dispatch workers and trucks to convey goods, usually over a long distance	<ul style="list-style-type: none">• Knowledge of principles and methods for moving goods• Knowledge of local, state, and national safety, security and driving laws and regulations• Knowledge of geography, map reading, and associated navigational systems• Knowledge of best practices for customer service• Knowledge of scheduling, routing, and developing transportation plans• Knowledge of appropriate corporate and insurance company reporting procedures <p>Key skills include communication, time management, stress management, active listening, problem-solving and decision making</p>	On the job experience; some may require vocational training or related coursework