



Students pursuing classes in the Transportation, Distribution and Logistics Career Cluster will learn about careers and businesses involved in the planning, management and movement of people, materials and products by road, air, rail and water.

Sample Occupations:

- ◆ Transportation manager
- ◆ Air traffic controller
- ◆ Airline pilot
- ◆ Logistician
- ◆ Shipping and receiving supervisor
- ◆ Storage and distribution managers
- ◆ Operations technician
- ◆ Industrial equipment mechanic
- ◆ Fleet manager
- ◆ Auto or auto body mechanic
- ◆ Railroad safety inspector
- ◆ Longshore worker
- ◆ Ship, tugboat or ferry pilot
- ◆ Cargo and freight agent

8 Career Pathways within the cluster:

1. Facility and mobile equipment maintenance
2. Health, safety and environmental management
3. Logistics planning and management services
4. Sales and services
5. Transportation operations
6. Transportation systems and infrastructure
7. Planning, management and regulation
8. Warehousing and distribution center operations

10 Fast-Growing Careers

Occupation	% Growth (2006-2016)	New Jobs (2006-2016)
Aircraft Cargo Handling Supervisors	38.0%	23
Industry Engineers	34.0%	704
Bus Driver, School	31.0%	1,491
Commercial Pilot	30.0%	137
Industrial Machinery Mechanics	30.0%	1,184
Tire Repairers and Changers	30.0%	466
Crane and Tower Operators	29.0%	204
Mobile Heavy Equipment Mechanics, except engines	28.0%	611
Airline Pilot, Copilot, and Flight Engineer	27.0%	439
Cargo and Freight Agent	26.0%	560

Source: Achieve Texas In Action Magazine (www.achievetexas.org)





Occupation	Average Wage	Entry Wage	Experienced Wage
Airline Pilot, Co-pilot, and Flight Engineer	\$65.51	\$26.25	\$80.00+
Marketing Manager	\$58.90	\$32.87	\$71.92
Sales Manager	\$55.03	\$28.43	\$68.34
Air Traffic Controllers	\$54.71	\$26.74	\$67.89
Captain, Mate, and Pilot of Water Vessels	\$41.10	\$23.79	\$49.76
Civil Engineers	\$40.41	\$24.54	\$48.34
Transportation, Storage, and Distribution Managers	\$40.00	\$24.13	\$47.94
Industrial Engineers	\$38.69	\$26.53	\$44.77
Health and Safety Engineers, except Mining Engineers and Inspectors	\$38.55	\$24.68	\$45.48
Operations Research Analyst	\$34.83	\$21.28	\$41.61

Source: Achieve Texas In Action Magazine (www.achievetexas.org)

Transportation, Distribution & Logistics—Q & A

1. What are some of the fastest growing careers in Transportation, Distribution & Logistics?
2. Can you receive on the job training in the Advanced Auto Tech class?

Transportation, Distribution & Logistics—Alief Courses

- ◆ Energy Power and Transportation
- ◆ Automotive Technology
- ◆ Advanced Automotive Technology

TRANSPORTATION, DISTRIBUTION & LOGISTICS



Required Knowledge and Skills

Students that want to pursue a career in a transportation field must be good in math and read well. Technical reading comprehension is very important.

Math, science, physics are also important courses.

“It’s also important to have good computer skills,” says Tony Molla, vice president for communications with the National Institute for Automotive Service Excellence (ASE) in Leesburg, Virginia. “In the automotive world, cars have become very complex. They’re basically rolling computers.”

Career electives give a student the chance to explore careers in Transportation, Distribution & Logistics.

In Alief, students have the opportunity to take several automotive courses as well as the possibility to work as an intern at a local automotive dealership during the senior year.

Source: Achieve Texas In Action Magazine (www.achievetexas.org)

For more information on courses in the Transportation, Distribution & Logistics cluster in Alief, go to the Achieve Texas Student Career Planner under Students on the Alief homepage (www.aliefisd.net).

Alief Transportation, Distribution & Logistics

