

North Harris Montgomery Community College District, Cy-Fair College, Logistics Management Program

<http://www.cy-faircollege.com/Templates/content.aspx?pid=6256&keepheader=yes&keepId=1926#lmgmt>

Approximately 6,000 employees in Minnesota work as First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators. With a median salary of \$23 an hour they earn nearly 40% more than the average employee in the State. According to DEED, by 2014 the number of people working in Minnesota in this career is expected to grow 15% to approximately 8,200 employees. Two other related occupations are Transportation, Storage & Distribution Managers and Logisticians. Both of these occupations employ fewer people than the First-Line Supervisors. There are about 1,600 Transportation Managers employed in Minnesota with a median hourly wage of \$37.54. There are about 1,200 Logisticians employed in Minnesota with a median hourly wage of \$30.15. Both occupations are projected to grow somewhat slower than the First-Line Supervisor between 2004 and 2014—13.5% and 10.4% respectively. The Transportation Manager generally requires long experience in the field, while a bachelor's degree is a typical requirement to become a Logistician.

The Career and Technology Education program in the Aldine Independent School District near Houston, Texas offers courses in Business Education. The program at Aldine High School offers students a variety of business courses, which provide opportunities for entry-level positions in any business. Pre-employment labs as well as co-operative education courses are offered. Most courses have access to and require computer skills necessary to compete in the information processing part of the business world. The program includes accounting, management, information system, business law, and career preparation courses. Aldine High School has a certificate in Microsoft Office that could help students get a job with the certificate and the diploma.

Students may choose a coherent sequence so that they will best benefit from the skills taught in those courses. Dual credit, articulated credit, youth apprenticeship, career preparation, and internship opportunities are offered through the Career and Technology Education program.

In addition to credit and program certifications, students are offered opportunities to participate in leadership organizations, compete in area, state, and national conferences, and join in countless other activities offered through Aldine's Career and Technology Education program. Apprenticeships are available for juniors and seniors in conjunction with the schools business partners including; Baker Hughes, Exxon/Mobil and Kroger.

Logistics management is a business management program that prepares graduates for employment in the areas of logistics management, inventory control, materials management, and distribution. The field of logistics management includes occupations such as supervisors and/or managers of transportation, storage, and/or distribution; helpers, laborers, and/or hand material movers; and transportation/machine and vehicle material movers.

Persons employed in the storage and distribution arena plan, direct, and coordinate the storage and distribution operations within an organization. With the aid of industry-specific software, many managers are able to more efficiently prepare and review invoices, work orders, and consumption reports. Similarly, shipping and transportation managers utilize resource planning software systems to improve the speed and efficiency of shipping and receiving. These managers

supervise and coordinate the activities of transportation and material moving machines and vehicle operators.

The AAS degree in [logistics management](#) at Cy-Fair College is a four-semester program consisting of courses from the core academic area, business management and logistics management. A certificate called a First Line Logistics Leader Certificate is offered at Kingwood College and Cy-Fair College. Additional courses in logistics are included in the AAS degree. They are Principles of Traffic Management, Domestic and International Transportation, and Economics of Transportation and Distribution.

The certificate requires five courses taken in a semester. They are Warehouse & Distribution Center Management, Introduction to Business Logistics, Introduction to Materials Handling, Supervision, and Problem Solving & Decision Making.

A student combining the Aldine High School program and the AAS degree at Cy-Fair would have stop-out points with the Microsoft Office Certificate, a High School degree, the First Line Logistics Leader Certificate and the AAS.

In addition to the [articulation agreement](#) with Aldine ISD Cy-Fair has agreements with the other Texas high schools for the Logistics Management Program # 52.0203. The agreements are active with Conroe ISD, Houston ISD, Huntsville ISD, Montgomery ISD, and Spring Branch ISD.