

## **Transportation, Distribution, and Logistics Career Cluster**

### *What High School Courses Should I take?*

Course selection always involves the student, school counselor and parent. Newtown High School courses listed below include specific skills for this pathway. This is not a mandatory listing, nor does it indicate any level of the course. It is provided to raise awareness of the wide variety of options available to NHS students.

### *Suggested Courses:*

English: 4 years

Math: 4 years (If you plan on enrolling in a four year college)

Science: 4 years

Social Studies: 4 years

World Language: 4 years (If you plan on enrolling in a four year college)

### Electives:

- Power Technology 1 and 2
- Automotive Mechanics 1 and 2
- Cooperative Work Experience
- Computer Applications

Junior/Senior Project: In this course, students work with a community professional to develop and present a project. Besides allowing students to determine their course content, it is an opportunity for students to learn time management skills prior to college. Sample projects include “3D Modeling of Electric Automobile” and “Custom Dashboard”.

### *NHS Programs/Activities:*

Career Center Programs utilize community volunteers to provide career information to students. Programs include:

- Career Speakers: open to all students with permission of their teacher(s).
- Career Tours: open to sophomores, juniors, and seniors.
- Career Shadowing: This program allows sophomores, juniors, and seniors one excused day per semester to spend time in a career field of their interest with a community volunteer.
- Internships: Junior and senior students spend 30 hours at a workplace to gain knowledge about a career. Internships occur outside of the school day and may be either paid or unpaid.

Current Community Volunteers include: Image Aviation, LLC, Berkshire Motors, Tally Ho Aviation, and Miller Motors.

*Sample Scholarship Opportunities related to the Transportation,  
Distribution and Logistics Career Pathway:*

Weller- Vincent Voccia Vocational Award

*Sample Careers*

Airplane Pilot/Co-Pilot  
Air Traffic Controller  
Avionics Technician  
Cargo and Freight Agent  
Customs Inspector  
Environmental Manager  
Facility Engineer  
Industrial Equipment Mechanic  
International Logistics Specialist  
Locomotive Engineer  
Marine Captain  
Port Manager  
Safety Analyst  
Storage and Distribution Manager  
Transportation Manager  
Truck Driver  
Urban and Regional Planner  
Warehouse Manager

*Sample of Existing Credentials*

Associate, Bachelor and Graduate Degrees in Business, Logistics, Engineering, or  
Transportation

Industry and Professional Certifications: National Private Truck Council, The American  
Society of Transportation and Logistics

State Licensing Agencies: Commercial Drivers License

Federal Aviation Administration: Commercial Pilot License and Aircraft, Airline,  
Airmen, Airport Certification.

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