

ILLINOIS Pathways



**TRANSPORTATION
DISTRIBUTION
AND LOGISTICS** 

Science, Technology, Engineering, and Math (STEM) Learning Exchange

The Transportation, Distribution, and Logistics (TDL) Career Cluster includes: planning, management and movement of people, materials and goods across all transportation modes as well as maintaining and improving transportation technologies.

TDL often play an unnoticed role in our society. Companies in the transportation industry connect manufacturers with consumers, unite millions of Illinoisans with products, meetings, conventions and family, and make long distances seemingly irrelevant. The transportation industry includes planes, trains, trucks, busses and automobiles delivering passengers and cargo all across the country and internationally.

Career Pathways

- Transportation Systems, Infrastructure Planning, Management and Regulation
- Transportation Technology
- Automation
- Logistics and Transportation Operations



Highlights

- Nationally, more than 10 million persons are employed in transportation and related occupations.
- In Illinois, through 2018, the TDL industry will generate about 27,200 new jobs.
- Environmental issues and soaring fuel costs are creating new positions to plan, design, implement, monitor and control new approaches and equipment for the efficient movement of goods and people.
- As a result of e-commerce, the warehousing and storage segment of the industry is expected to grow rapidly, thereby increasing demand for services offered by warehousing centers and logistics firms.

September 9, 2016



STEM Learning Exchanges have been formed for selected career clusters to improve the coordination and delivery of resources, work-based learning opportunities, career guidance, and partnerships that support local STEM programs.

Illinois Pathways is supporting the launch of new and innovative public-private partnerships known as STEM Learning Exchanges. A separate Learning Exchange will be launched in each of the identified STEM areas and will have a lead entity that coordinates a statewide network of businesses, employer associations, education partners, and other stakeholders. These networks will be launched using Race to the Top funding, but will be supported by investments and commitments from public-private partners. The TDL STEM Learning Exchange will be provided with implementation funds for three years to build their network and further develop capacity for implementation.

TDL STEM Learning Exchange Implementation Lead Organization:



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* All applications for lead organizations are subject to change pending negotiations with the Illinois State Board of Education.



Illinois Department of Commerce and Economic Opportunity
 Illinois State Board of Education
 Illinois Community College Board
 Illinois Board of Higher Education
 Illinois Student Assistance Commission
 Illinois Department of Employment Security

