



Logistics and Inventory Control

Career Goal (O*NET Code): Dispatcher (43-5032), Traffic Manager (11-3071), Material Mover (43-5010), Logistician (13-1081).

Cluster Overview: Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

SUGGESTED COURSEWORK

EXTENDED LEARNING EXPERIENCES

High School	9th	Core Courses:	English I Algebra I Biology	World Geography Languages other than English I Health/PE or Equivalent	Curricular Experiences: TSA Future Business Leaders of America Business Professional of America Career Learning Experiences: Career Preparation (Paid/Unpaid) Job Shadowing Internship Apprenticeship	Extracurricular Experiences: Destination ImagiNation Service Learning Experiences Boy Scouts of America Girl Scouts of the USA Community Service Volunteer
		Career-Related Electives:	Technology Systems (Modular Lab Based)** or Energy, Power, and Transportation			
	10th	Core Courses:	English II Geometry Principles of Technology I	World History Languages other than English II Technology Applications		
		Career-Related Electives:	Business Computer Information Systems** or Electricity/Electronics Technology			
	11th	Core Courses:	English III Mathematical Models with Applications Physics	United States History Communication Applications PE or Equivalent		
		Career-Related Electives:	Communication Systems or Communication Graphics or Administrative Procedures			
	12th	Core Courses:	English IV Algebra II Engineering	Government/Economics Fine Arts		
		Career-Related Electives:	Research Design and Development or Problems and Solutions in Technology or Manufacturing Technology			
Postsecondary	On-the-Job Training	Warehouse Assistant	Inventory Controller	Assistant Industrial Sales Clerk	Career Options: Machine Operator Career Options: Millwright Production Associate Career Options: Automation Technician Manager Supervisor Career Options: Production Manager Labor Relation Manager Purchasing Agent	Professional Associations: American Machine Tool Distributors Association Association for Manufacturing Excellence Minerals, Metals and Materials Society National Association of Manufacturers National Coalition for Advanced Manufacturing Society for Maintenance and Reliability Professionals Society of Plastics Engineers
	Certificates	OSHA CareerSafe NOTE: These experiences may be completed as part of the high school experience.				
	Associate's Degree	Industrial Production	Materials Handler	Precision Metal Worker		
	Bachelor's Degree	Industry and Technology	Technology Management	Engineering Technology		
	Graduate Degree	Management of Technology	Engineering Technology	Industrial Safety		

* May substitute for the required credit for Physical Education
 ** Satisfies the required credit for Technology Applications
 *** May substitute for the required credit for Health Education

Students should take Advanced Placement (AP), International Baccalaureate (IB), dual credit, Advanced Technical Credit (ATC), or locally articulated courses, if possible.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path and is based on the most recent information as of 2007. All plans should meet high school graduation requirements as well as college entrance requirements. Students may select other elective courses for personal enrichment purposes.