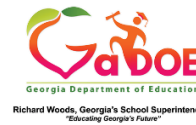


Program of Study: Distribution and Logistics



This Program of Study may serve as a graduation guide for the next four plus years, along with other career planning and educational materials. Courses listed in this model may include recommended coursework and should be individualized to students' educational and career goals. Each graduation plan needs to meet minimum high school graduation requirements. Dual Enrollment courses can be high school academic and/or career technical education courses.

Secondary: Distribution and Logistics					Postsecondary			
Course/Grade	Ninth	Tenth	Eleventh	Twelfth	TCC	Diploma or AAS	Bachelor of Science	
English	9 th grade Lit/Composition	10 th grade Lit/Composition	American Lit/Composition	World Lit/Composition / British Literature	Entrance or Exit Point	LS21 TCC Logistics Specialist TCC - LOGI 1000 Business Logistics - LOGI 1015 Purchasing and Materials Management - LOGI 1030 Product Lifecycle Management	Entrance or Exit Point	The University System of Georgia offers students' higher education options at 30 institutions throughout the state, providing a wide range of academic programming including certificates and associate, baccalaureate, masters, doctoral and professional degrees. https://apps.usg.edu/ords/f?p=118:1:0:::
Mathematics	Coordinate Algebra/Algebra I	Analytic Geometry/Geometry	Advanced Algebra/Algebra II	Pre-calculus				
Science	Physical Science	Biology	Chemistry	Physics				
Social Studies	Psychology	World History	US History	Government (½ unit) Economics (½ unit)				
Pathway Completer	Logistics Fundamentals	Logistics Operations	Materials Management	Work-Based Learning, Youth Apprenticeship, or Capstone Project				
Industry Recognized Credential (Pathway Completer)		Visit the End of Pathway Assessment Page (see note below)						
Required/ Selective Electives	Health & Personal Fitness (<i>can be taken in grades 9-12</i>)	Spanish I	Introduction to Business and Technology	Business and Technology				
	Modern Language/Latin 2 units required for admissions to Georgia University System Colleges/Universities For a listing of Modern Language/Latin courses offered at your high school, please contact your advisor, counselor, or curriculum handbook.		Other Electives For a listing of other elective courses offered at your high school, please check with your advisor, counselor, or curriculum handbook.					

NOTE: Students have many options to **ENTER** and **EXIT** from their academic studies into the workforce. When a student graduates from high school, they are eligible to choose one of many **ENTRANCE POINT** options: **1.** Enroll in either a 2 or 4 year post-secondary program; **2.** Enroll in an apprenticeship program or the military; or **3.** Enter the workforce using technical skills learned in high school. When a student finishes a 2- or 4-year degree program, they may choose to **EXIT** and **1.** Enroll in an apprenticeship program or the military; **2.** Enroll in a professional university degree program; or **3.** Enter the workforce using technical skills learned.

Distribution and Logistics Career Pathway Completers - Industry Credentialing for High School Students

Upon completion of sequenced courses in the Distribution and Logistics Career Pathway, students are eligible to complete the Industry-Recognized student credential for fulfillment of the End of Pathway Assessment. Secondary students completing the Distribution and Logistics pathway will be able to sit for the National Industry Credentialed assessment offered on-line from MSSC-CLA and MSSC-CLT. Once mastery is reached, students will receive recognition for completion and use this credential in conjunction with their job or continuing training. For specific assessment information, refer to: <http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/tsai-tdl.aspx>

Sample High Demand Careers in Georgia

Occupation Specialties	Level of Education Needed	Georgia Average Salary	Annual Average Openings in Georgia	2014 – 2024 Employment Outlook
Logistics Managers	Bachelor's Degree	\$68,900	130	High Demand, High Skill
Storage & Distribution Managers	Bachelor's Degree	\$77,900	179	High Demand, High Skill
Materials Movers	Diploma, Industry Credential	\$23,400	3,520	High Demand, High Skill

GDOL Labor Market Explorer

Go to GAfutures at www.gafutures.org for more information about your education and career planning, including valuable financial information (grants and scholarships including HOPE Program, grants and loans, FAFSA, and CSS forms).

Career Enhancement Opportunities	Career-Related Education Activities	Postsecondary Options:	Earning Postsecondary Credits While in High School
	<input type="checkbox"/> Career Awareness <input type="checkbox"/> Career Exploration <input type="checkbox"/> Instructional Related <input type="checkbox"/> Connecting <input type="checkbox"/> Work-Based Learning <ul style="list-style-type: none"> • Employability Skill Dev. • Cooperative Education • Internship • Youth Apprenticeship • Clinicals 	<ul style="list-style-type: none"> • 4-Year Universities/ Colleges • 2-Year Colleges • Technical Colleges • State Registered Apprenticeships • Special Purpose Schools • On-the-Job Training • Military 	<p>A vital way to get ahead and realize you can pass college courses is by earning postsecondary credits as a high school student. Georgia offers a dual credit program titled Dual Enrollment. You need to talk with your parents, school counselor, or advisor about the proper courses to take each year in high school and dual credit.</p> <p>Students completing the course work in this Plan, will have earned/completed an Industry Credential, Technical Certificate of Credit (TCC), Associates of Applied Science Degree, and/or Bachelor's Degree.</p>

Postsecondary Transition

- Students who will continue their education in a Program of Study at one of the University System of Georgia institutions should prepare to take the ACT or SAT for admissions. Tests for admissions may vary from institution to institution. Contact the selected institution for specific testing information. Additional admissions information can be found at Staying On Course. (www.usg.edu/assets/student_affairs/documents/Staying_on_Course.pdf)
- Students who will continue their education in a Program of Study at one of the Technical College System of Georgia institutions should prepare to complete a placement exam.
- Students who will continue their education and training in the US Military should take the ASVAB assessment.
- Students should utilize electronic college and career databases to select the most appropriate postsecondary opportunities to match their selected career field, including registered apprenticeships.
- Georgia's dual-credit programs have been combined into one program entitled Dual Enrollment, in which high school students may earn their high school course credits while taking college courses.

Related Pathway Occupations	Other Related Occupations
<ul style="list-style-type: none"> • Logisticians • Logistics Analysts • Logistics Managers • Storage and Distribution Managers • Laborers and Freight, Stock and Materials Movers • Packers and Packagers • Power Distributors & Dispatchers 	<ul style="list-style-type: none"> • Logistics Engineers • Transportation Managers • Supply Chain Managers • Production, Planning & Expediting • Clerks <p style="text-align: right;">*ONET Online</p>

Distribution & Logistics Pathway Description

Transportation plays a major role in this pathway. The movement of goods and raw materials (distribution) to specific locations, on time and in the most efficient and effective process is critical in most industries.

More specifically, this includes the shipment of raw materials to the manufacturer and movement of finished products to customers. In addition, transportation consists of the movement of parts to assembly areas as they are assembled.

The term "logistics" encompasses the movement of goods and services. The question businesses face on an ongoing basis, especially in a highly competitive marketplace, is how to move their products efficiently and cost effectively throughout the supply chain, which represents all the members of the distribution chain. The logistics process includes the management of freight, warehousing of materials, inventory management and the packaging of products for storage and shipment.

Individuals can choose different employment options in transportation, distribution or logistics. Career choices range from working at airports, ocean ports, and rail yards, transporting materials between warehouses, or calculating material costs as a cargo services supervisor. Some transportation, distribution or logistics careers provide on-the-job training, while other careers require a formal education, including an undergraduate degree.

Employment competition will be strong at the management levels, while those with less education and training will find employment growing faster than normal.