

A Career in Logistics and Supply Chain Management

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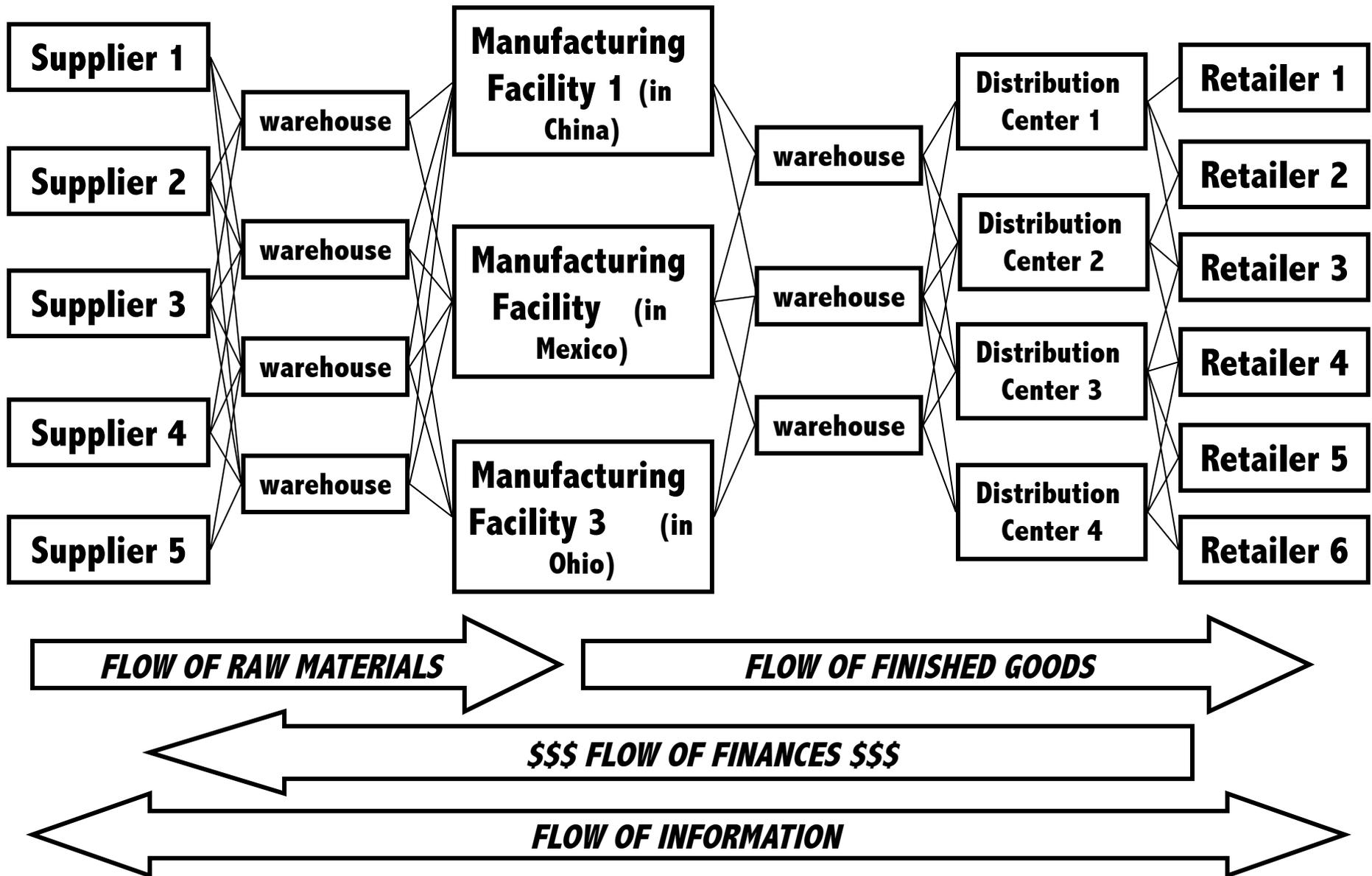
Look At Your Shoes !!!



Where were they made?

How did they get to you?

THROUGH A COMPLEX SUPPLY CHAIN



LOGISTICS CAREERS IN AN ORGANIZATION

INBOUND PROCESSES

INTERNAL PROCESSES

OUTBOUND PROCESSES

**MATERIALS
MANAGEMENT**

-MANUFACTURING
SUPPORT

**PHYSICAL
DISTRIBUTION
MANAGEMENT**

**PURCHASING &
SUPPLY
MANAGEMENT**

-BUYING
-MARKET RESEARCH

**INTERNAL
WAREHOUSE
MANAGEMENT**

-MATERIALS
HANDLING
-INVENTORY
MANAGEMENT

**FINISHED GOODS
WAREHOUSE
MANAGEMENT**

-PICKING
-PACKAGING
-ORDER
PROCESSING

TRANSPORTATION

**EXTERNAL
DISTRIBUTION
CENTER
MANAGEMENT**

SUPPLIERS

**RAW
MATERIALS &
INPUTS INTO
PRODUCTION**

**MANUFACTURING
PROCESS
SUPPORT**

**FINISHED
GOODS
ISSUANCE**

CUSTOMERS

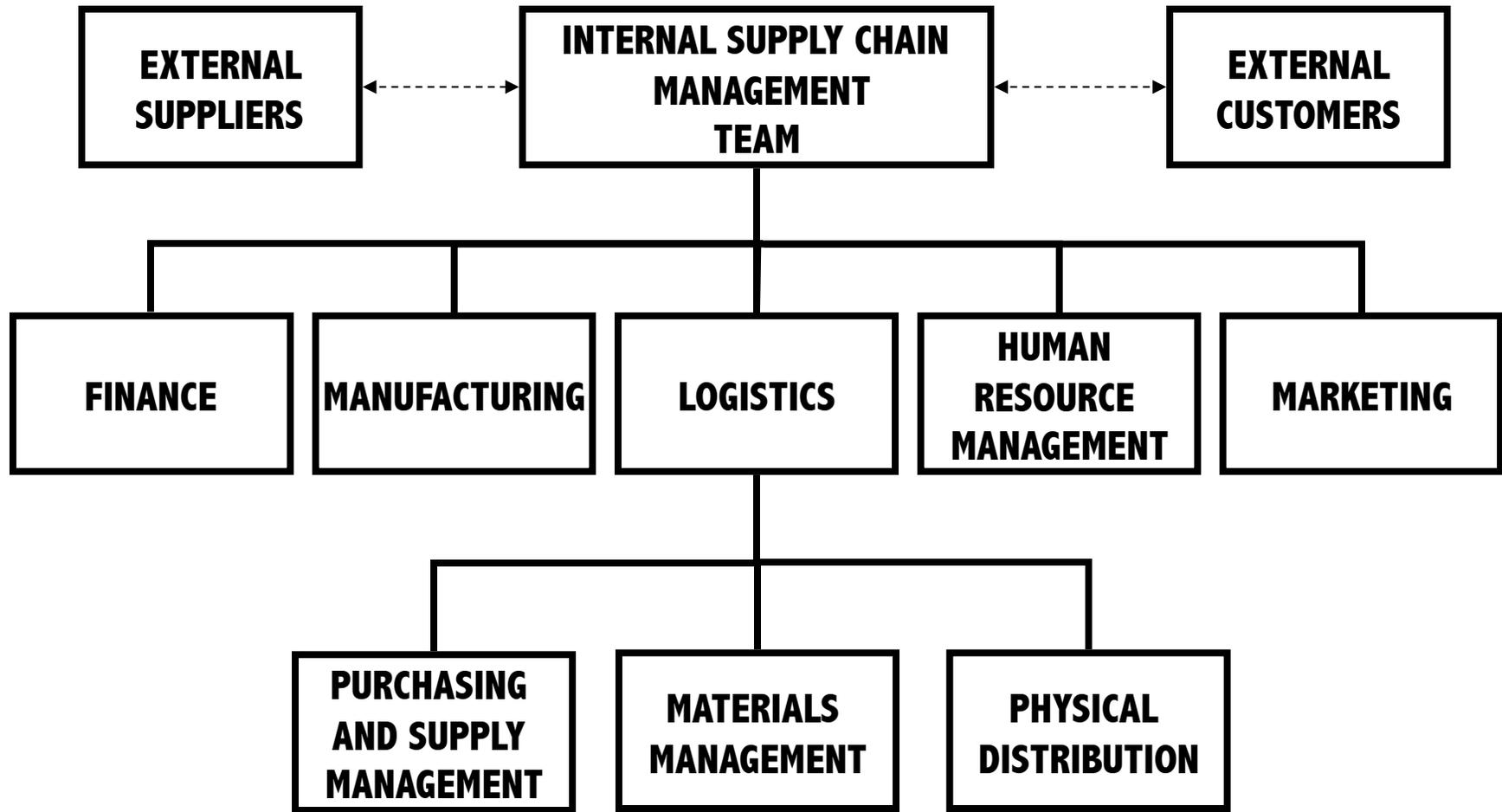
⇨ ⇨ ⇨ THE PHYSICAL FLOW OF GOODS ⇨ ⇨ ⇨ THE PHYSICAL FLOW OF GOODS ⇨ ⇨ ⇨ THE PHYSICAL FLOW OF GOODS ⇨ ⇨ ⇨

⇨ ⇨ ⇨ The Associated Flow of Information ⇨ ⇨ ⇨ The Associated Flow of Information ⇨ ⇨ ⇨ The Associated Flow of Information ⇨ ⇨ ⇨

⇨ ⇨ ⇨ Flow of Finances ⇨ ⇨ ⇨

A MAP OF LOGISTICS MANAGEMENT CAREERS

AN ORGANIZATION'S SUPPLY CHAIN MANAGEMENT TEAM: **INTEGRATION OF ALL FUNCTIONS**



ALASKA ECONOMIC

TRENDS

January 2005



Transportation

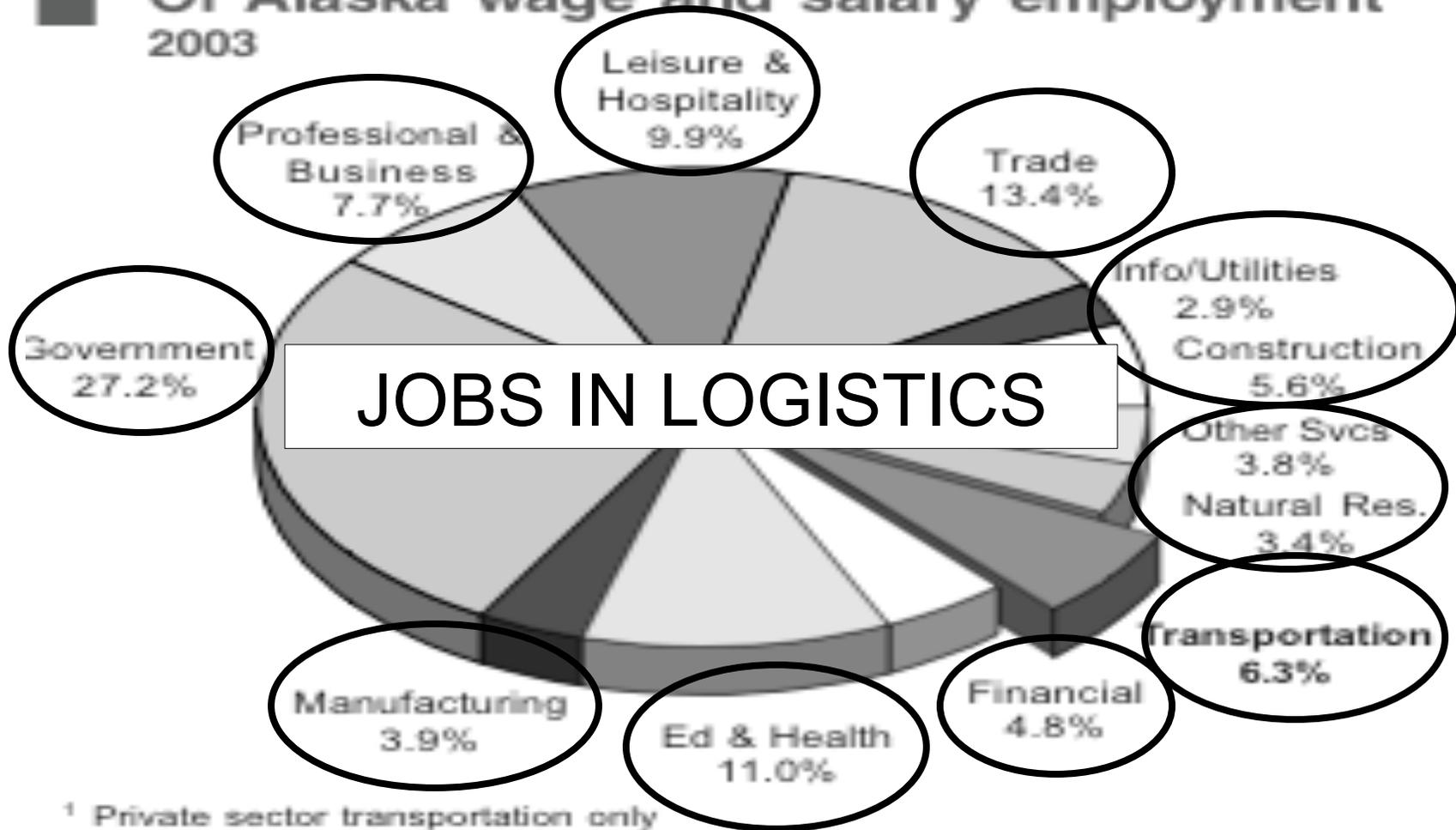


Alaska Department of Labor
and Workforce Development

Frank H. Murkowski
Governor of Alaska

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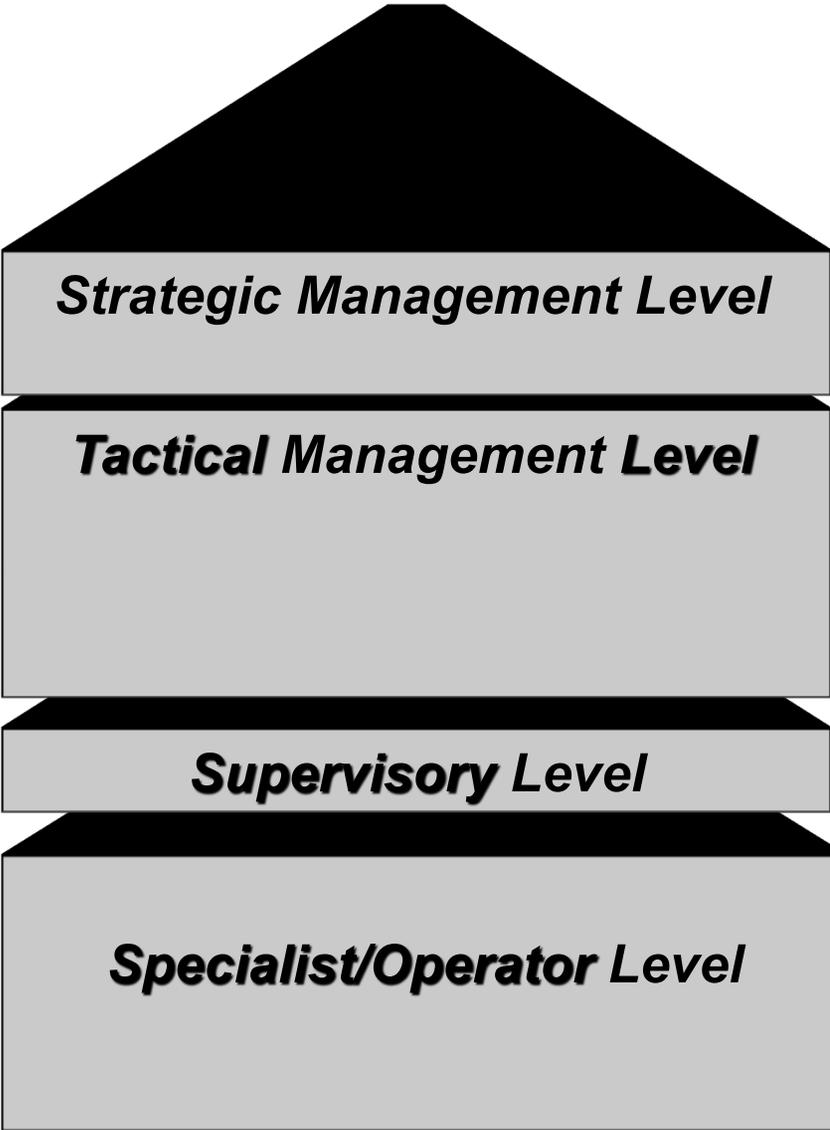
Transportation's¹ Share Of Alaska wage and salary employment 2003



¹ Private sector transportation only

Source: Alaska Department of Labor and Workforce Development,
Research and Analysis Section

Career Path in Logistics at the University of Alaska Anchorage



Career Pathway: From 9th Grade to Masters Program

Career Cluster	Transportation, Distribution and Logistics	District Name	Matanuska-Susitna Borough School
Pathway	Industrial/Engineering	Developed by	Jane Bulovsky, Ellen Long, Natalie Price
Major	Logistics	Date	Revised January 2007

Career Cluster Description: Transportation, Distribution and Logistics

Major Options

- Customer Service
- Procurement and Supply Management
- Inventory Manager
- Warehouse Manager
- Supply Chain Finance
- Supply Chain Info. Systems
- Logistics Manager
- Operations Manager

RECOMMENDED SECONDARY CAREER DEVELOPMENT SCHEDULE *Scheduling of classes may vary according to each school's course offerings and student needs.*

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
English 1	English 1	English 2	English 2	English 3	English 3	English 4(Technical Writing 1)	English 4(Technical Writing 2)
Physical Science	Physical Science	Science 2 (Biology)	Science 2 (Biology)	Science 3 (Chemistry)	Science 3 (Chemistry)	Government	Alaska Studies
Intro to Pathways	Customer Service	World History	World History	U.S. History	U.S. History	World Language	World Language
Algebra 1	Algebra 1	Geometry	Geometry	Accounting 3	Accounting 4	Bus Skills Lab 1	Bus Skills Lab 2
Physical Education	Physical Education	Accounting 1 or	Accounting 2	Economics	Elective	Co-op Work Experience	Co-op Work Experience
Technology Applications 1	Technology Applications 2	Intro to Business	Health	Personal Finance	Business Law	Logistics 1 <i>110</i>	Logistics 2 <i>120</i>
Work-Based Learning Opportunities				Career-Technical Student Organizations (CTSO)		Certifications	
<ul style="list-style-type: none"> • Apprenticeship • Cooperative Education • Job Shadowing 		<ul style="list-style-type: none"> • Paid/Unpaid Internship • School-Based Enterprise • Service Learning 		<ul style="list-style-type: none"> • Business Professionals of America 			

POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Training Certificates, License On The Job Training, etc.
<ul style="list-style-type: none"> • Logistics Operations 	<p>Opportunities can be researched at www.jobs.state.ak.us/apprentice/ or can be established at 271-5035</p>	<ul style="list-style-type: none"> • Global Logistics Management 		<ul style="list-style-type: none"> • Logistics

Questions?

Thank you.

