

LOGISTICS

SECTION H: LINKAGES/TRANSITIONS

This section of the Guide has been designed to provide an overview of linkages and transitions of CTS modules with a number of organizations. The charts and information presented in this section will assist CTS students and teachers in understanding the potential application of CTS modules as students move into the workplace.

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LINKAGES/TRANSITIONS

LINKAGES

With Other CTS Strands

In Logistics, students have the opportunity to develop knowledge, skills and attitudes in warehousing and distributing, transportation, purchasing and inventory control and

management. Students are encouraged to link the competencies they are developing in these areas to other CTS strands. Linkages exist with other strands where products and information are produced, moved to and finally reach the ultimate consumers. The following chart outlines potential linkages.

Strand	Themes and/or Modules
Agriculture	Modules in the technology and applications theme may be linked to the Logistics strand.
Career Transitions	Project modules can be used to provide students with extended time for developing skills in a variety of Logistics modules. Leadership and safety modules link with all Logistics modules.
Communication Technology	Presentation modules can enhance students' range of competencies in Logistics contexts.
Community Health	Personal Safety (Management) module is offered in both strands.
Construction Technologies	Project Management modules link to the Logistics strand.
Cosmetology Studies	No direct linkages. However, enhancement of personal grooming and image will enhance employability in the Logistics sector.
Design Studies	Modules in all themes that focus on visualization and the movement and organization of resources may be linked to Logistics.
Electro-Technologies	Modules in Computer Logic Systems and Robotic and Control Systems can enhance the employability of students enrolled in the Logistics strand.
Energy & Mines	Modules in the Technology and Applications theme that focus on supply and distribution networks and market trends can enhance range of knowledge in Logistics contexts.
Enterprise & Innovation	All themes in Enterprise and Innovation may have an application in the Logistics strand.
Fabrication Studies	Modules in the Materials and Structures theme and other modules that address the control movement and distribution of inventory may be related to Logistics.

Strand	Themes and/or Modules
Financial Management	Modules in all themes that address the inputting and manipulation of data can be related to selected Logistics modules.
Foods	No direct linkages. However, Logistics modules may be related to the control and storage of food stuffs in the hospitality industry.
Forestry	Selected modules in the Technology and Applications theme and the Management and Conservation theme may be related to the Logistics strand.
Information Processing	Most modules in the Information Processing strand have strong linkages with Logistics.
Legal Studies	Laws relating to business have strong linkages to all Logistics themes. Modules that have strong links include Labour Law, Consumer and Property Law, Laws Affecting Small Business.
Management and Marketing	Modules in all themes have close relationships to the Logistics strand.
Mechanics	Vehicle Service and Care and Vehicle Maintenance modules may be related to the Traffic and Transportation theme in Logistics.
Tourism	Selected modules in all themes may be related to the Logistics strand.

Charts outlining these linkages are provided in this section (see “Logistics: Connections with Other CTS Strands,” page H.3).

With Other Secondary Programs

Logistics reinforces learnings in other areas (see “Logistics: Connections Across the Curriculum” in this section).

TRANSITIONS

To the Workplace

Information from the National Occupational Classification (NOC) regarding occupations in related areas that can be accessed upon completion of high school is provided in this section (see “Logistics: Related Occupations”).

LINKAGES – Logistics: Connections with Other CTS Strands

Logistics Modules	Other CTS Strands																				
	Agriculture	Career Transitions	Communication Technology	Community Health	Construction Technologies	Cosmetology Studies	Design Studies	Energy and Mines	Electro Technologies	Enterprise and Innovation	Fashion Studies	Financial Management	Foods	Fabrication Studies	Forestry	Information Processing	Legal Studies	Management and Marketing	Mechanics	Tourism Studies	Wildlife
Theme: Introduction to Logistics																					
LOG1010: Logistics	■	■																			
Theme: Warehousing and Distribution																					
LOG1020: Warehouse & Distribute 1	■	■																			
LOG2010: Warehouse & Distribute 2	■	■																			
LOG3010: Warehouse & Distribute 3	■	■																			
Theme: Traffic and Transportation																					
LOG1030: Traffic & Transport 1	■	■																			
LOG2020: Traffic & Transport 2	■	■																			
LOG3030: Traffic & Transport 3	■	■																			
Theme: Purchasing																					
LOG1040: Purchasing 1	■	■																			
LOG2030: Purchasing 2	■	■																			
LOG3030: Purchasing 3	■	■																			
Theme: Inventory Management and Control																					
LOG2040: Inventory Management 1	■	■																			
LOG3040: Inventory Management 2	■	■																			

Provides many direct links with content in this strand. Students will reinforce, extend and apply a substantial number of knowledge and/or skill components in practical situations.



Provides some links with competencies developed in this strand, usually through the application of related technologies and/or processes.



LINKAGES – Logistics: Connections Across the Curriculum

Logistics Modules	Across the Curriculum																	
	Junior High							Senior High										
	Language Arts	Social Studies	Mathematics	Science	Health & PLS	Physical Education	Fine Arts	English	Social Studies	Mathematics	Science (General)	Biology	Chemistry	Physics	CALM	Physical Education	Fine Arts	Social Sciences
Theme: Introduction to Logistics																		
LOG1010: Logistics																		
Theme: Warehousing and Distribution																		
LOG1020: Warehouse & Distribute 1																		
LOG2010: Warehouse & Distribute 2																		
LOG3010: Warehouse & Distribute 3																		
Theme: Traffic & Transportation																		
LOG1030: Traffic & Transport 1																		
LOG2020: Traffic & Transport 2																		
LOG3030: Traffic & Transport 3																		
Theme: Purchasing																		
LOG1040: Purchasing 1																		
LOG2030: Purchasing 2																		
LOG3030: Purchasing 3																		
Theme: Inventory Management and Control																		
LOG2040: Inventory Management 1																		
LOG3040: Inventory Management 2																		

Provides many direct links with course content. Students will reinforce, extend and apply a substantial number of knowledge and/or skill components in practical contexts.



Provides some links with course content, usually through the application of related technologies and/or processes.



TRANSITIONS – Logistics: Related Occupations

Information for this chart was obtained from the National Occupational Classification (NOC) descriptions.

Educational Requirements:

D: High School Education
C: Apprenticeship

B: College or Vocational Education
A: University

Occupation Profile	NOC#	D	C	B	A
Aerospace Engineer	2146				✓
Aircraft Assemblers and Assembly Inspectors	9226			✓	
Aircraft Instrument, Electrical and Avionics Mechanics, Technicians and Inspectors	2244		T/✓	✓	
Aircraft Mechanic and Aircraft Inspectors	7315			✓	
Airline Sales and Service Agents	6433	✓			
Airline Pilots, Flight Engineers and Flying Instructors	2271	✓		✓	✓
Air Traffic Control Occupations	2272	✓			
Air Transport Ramp Attendant	7437	✓			
Boat Assemblers and Inspectors	9491	✓			
Bus Drivers, Subway Operators and Other Transit Operators	7412	✓			
Couriers and Messengers	1463	✓			
Deck Officers, Water Transport	2273	✓			
Delivery Driver	7414	✓			
Engine Room Crew, Water Transport	7434	✓			
Engineering Inspectors and Regulatory Officers	2262			✓	✓
Engineering Officers, Water Transport	2274	✓			
Facility Operations Manager	0721			✓	✓
Letter Carrier	1462	✓			
Lock and Cable Ferry Operators and Related Occupations	7435	✓			
Longshore Worker	7451	✓			
Mail, Postal and Related Clerks	1461	✓			
Materials Handler	7452	✓			
Other Service Manager	0621			✓	
Postal and Courier Services Managers	0132			✓	✓
Pursers and Flight Attendants	6432	✓			
Railway and Marine Traffic Controllers	2275	✓			
Railway and Motor Transport Labourers	7622	✓			
Railway and Yard Locomotive Engineers	7361	✓			
Railway Carmen/Women	7314	✓			
Railway Conductors and Brakemen/Women	7362	✓			
Railway Track Maintenance Workers	7432	✓			
Railway Yard Worker	7431	✓			
Retail Trade Manager	0621			✓	✓

TRANSITIONS – Logistics: Related Occupations (continued)

Occupation Profile	NOC#	D	C	B	A
Sales Representatives, Wholesale Trade (non-technical)	6411				✓
Shippers and Receivers	1471	✓			
Supervisors, Motor Transport and Other Ground Transit Operators	7222	✓			
Supervisors, Recording, Distributing and Scheduling Occupations	1215	✓			
Taxi and Limousine Drivers and Chauffeurs	7413	✓			
Technical Inspector	2232	✓			
Ticket and Cargo Agents and Related Clerks (except Airline)	6434	✓			
Transportation Manager	0713				✓
Transportation Route and Crew Schedulers	1476	✓			
Truck Driver	7411	✓			