

CTE Course Description and Standards Crosswalk

Course Information

Course Name	Logistics 1
Course Number	86670
Number of High School Credits	.5
Sequence or CTEPS (You must first have the Sequence or CTEPS entered into the EED-CTE system.)	Logistics
Date of district Course Revision	February 2014

Career & Technical Student Organization (CTSO)

CTSO embedded in this sequence	BPA
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Occupational Standards

Source of Occupational Standards	National Business Educators Association (NBEA)
Names/Numbers of Occupational Standards	Management (MGMT), Career Development (CD), Entrepreneurship (EN), Information Technology (IT)

Registration Information

Course Description (brief paragraph – as shown in your student handbook or course list)	The Logistics 1 course is designed as an introduction to the principles and practices of logistics and how they integrate into total supply chain management. The course will introduce the logic behind this integration and discuss how organizations have gained a sustainable competitive advantage by implementing programs of total supply chain logistics management into their operations. The course will also look at the critical role information technology plays in achieving this success. The customer service role of the logistics function will be examined from the perspective of both the organization and the consumer. Employment in logistics is available in all career pathways.
Instructional Topic Headings (please separate each heading by a semi-colon)	Supply Chain Management; Dimensions of Logistics; Customer Service; Procurement and Supply Management; Global Logistics; Managing Inventory; Warehousing; Transportation System and Management; Supply Chain Information Systems; Supply Chain Finance

Summative Assessments and Standards

Technical Skills Assessment (TSA)	None
Course addresses:	
New Alaska ELA and Math Standards	Yes
Alaska Cultural Standards	Yes
All Aspects of Industry (AAI)	Yes
Core Technical Standards	Yes
Employability Standards	Yes

Employability Standards

Source of Employability Standards	State of Alaska
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Tech Prep

Current Tech Prep Articulation Agreement? (Y/N)	Yes
Date of Current Agreement	May 2013
Postsecondary Institution Name	UAA
Postsecondary Course Name	Logistics
Postsecondary Course Number	LGOP A110
# of Postsecondary Credits	3

Source of Occupational Skills Standards

Source/Organization/ Agency	Acronym	Website or Location of Information	Section, Chapters referenced in Performance Standards etc.	Date of Edition or Version
National Business Education Standards	NBEA	www.nbea.org	Management, Information Technology, Career Development, Entrepreneurship	2013

Additional CTE Course Information

Author	
Course developed by	Revised by Theresa Whitehurst
Course adapted from	Logistics 1
Date of previous course revision	October 2006
Course Delivery Model	
Is the course brokered through another institution or agency? (Y/N)	No

Standards Alignment

Student Performance Standards (Learner Outcomes or Knowledge & Skill Statements)	Specific Occupational Skills Standard	Common Technical Core Standards	New Alaska ENG/LA Standards	New Alaska Math Standards	Alaska Cultural Standards	Employability/ Career Readiness Standards	All Aspects of Industry/ Systems	Assessment
Understand the development of supply chain management.	MGMT XI	TD-LOG1,2 MK-MER3	L.9-12.6	S-IC.6	B2,4	A2,5	Technical Skills Technology Planning	Common Assessment & Portfolio
Understand the importance and role of logistics and customer service in private and public organizations.	MGMT IX	TD-LOG1,2 MK-MER3 MK6	RST 9-12.2	S-IC.6	A7, B2,4	A2,5	Technical Skills Community Planning	Portfolio
Identify the key steps in the order-fulfillment process.	MGMT X & XI	TD-LOG1,2 TD-WAR1	RST9-12.2	N-Q.3 A-SSE.3	B2,4	A2,5	Technical Skills Planning	Common Assessment & Portfolio
Understand the role and nature of procurement.	MGMT XI	TD-LOG1,2 TD1,2,3	RST 9-12.3		B2,4	A2,5	Technical Skills Finance	Common Assessment & Portfolio
Describe factors affecting global logistics.	MGMT XII	TD-LOG1,2 MK-MER3 MK6 TD1	RST 9-12.9		A7, B2,4	A2,5	Technical Skills Community Planning	BPA - WSAP Portfolio
Understand the role and importance of inventory and inventory management.	MGMT XI	TD-LOG1,2 MK-MER3	RST 9-12.10	N-Q.1	B2,4	A2,5	Technical Skills	Common Assessment

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		MK6 TD1,3					Technology Planning	& Portfolio
Explain the nature and importance of warehousing.	MGMT XI	TD-LOG1,2 MK-MER3 TD-WAR 1-3 TD1	WHST 9-12.4	N-Q.3	B2,4	A2,5	Technical Skills Planning	Common Assessment & Portfolio
Explain the economic role transportation plays in the economy.	MGMT XI	TD-LOG1,2 MK-MER3 MK6 TD1	L 9-12.6		A7, B2,4	A2,5	Technical Skills Planning	Common Assessment
Understand the overall importance of information systems to logistics and supply chain management.	MGMT VIII	TD-LOG1,2 MK-MER3 MK6	L 9-12.6		B2,3,4	A2,5	Technical Skills Technology Planning	Common Assessment & Portfolio
Demonstrate the impact of supply chain strategies on the income statement, balance sheet, profitability, and return on assets.	MGMT X	TD-LOG1,2 TD1	RST 9-12.2, 4, 7, & 10	A-APR.7 S-10.9 S-IC.6	A7, B2,4	A2,5	Technical Skills Finance Management Planning	Common Assessment & Portfolio
Identify career opportunities in logistics.	IT-XVII EN-I CD-II	BM3,5,6	L.9-12.6 SL.9-12.6 WHST.9-12.6	S-MD.6 S-IC.6	B2,3,4	A1,2,3,4,5,6,7 B1,2,3,4,5	Technical Skills Planning Technology	AKcis Portfolio
Participate in CTSO classroom activities.	IT-XVII EN-I	BM3,5,6	L.9-12.6 SL.9-12.6 SL.9-12.1.a-d		B2,3,4 C4 D6 E7,8	A2,5	Technical Skills Technology Planning Labor Work Habits	Portfolio
Follow professional ethics including software licensing, copyright and intellectual property laws.	IT-I,II	BM2,5,6 IT 4	WHST.9-12.8 L.9-12.6		B2,3,4	A1,2,5,7	Technical Skills Technology Work	Statement of Authenticity

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							Habits	
Recognize entrepreneurship opportunities and the role of employer vs. employee.	IT-XVII EN-I CD-V	BM3,5,6	L.9-12.6 SL.9-12.6	S-MD.6 S-IC.6	B2,4	A2,5	Technical Skills Labor	BPA-Small Business Management Team Work Keys
Demonstrate safe use of tools and equipment, cyber safety and ergonomic safety in the workplace.	IT-I	BM5,6 IT4	L.9-12.6 WHST.9-12.8		B2,4	A1,6	Technical Skills Health/Safety	AK EED Safety Manual Business & Information Systems
Practice and promote ethics and ethical behavior in the workplace	IT-I	BM2,5,6 IT4	WHST.9-12.8	S-MD.6 S-IC.6	B2,3,4	A,1,2,5	Technical Skills Work Habits Management	CTSO Participation Work Keys

Instructional Resources

List the major instructional resources used for this course: (websites, textbooks, essential equipment, reference materials, supplies)
The Management of Business Logistics: A Supply Chain Perspective, Coyle, Bardi, Langley. South-Western Thomson Learning. Logistics Operations and Customer Service, Dr. Philip Price and Natalie Harrison, Eagle River, AK: Access Education. ISBN 978-1-934231-01-2. (To be published July 2007.)