

# Logistics and Transportation

## Higher Education Center at Otay Mesa

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### General Description

Students who wish to transfer, may take Logistics and Transportation to continue studies in logistics, supply chain management, and related fields. In addition to the transfer courses listed, elective courses which introduce students to the field may also be selected. These include studies in logistics, transportation, export/import trade, planning operations and management, legal issues, inventory, and warehousing.

The certificate/A.S. degree program in Logistics and Transportation prepares students to work in industries affected by the distribution of goods, such as global, international, and cross border trade. The program provides students with a foundation of knowledge to enter the field of logistics and transportation and addresses the changing industry needs as a result of globalization. The program focuses on logistics, transportation and trade issues along the San Diego-Tijuana border region; however, the students for positions related to the field in a variety of organizations which are involved with the logistics industry at a local, national, and international/global level. A work experience component allows students to gain practical skills and to do work toward employment. Students are introduced to the concepts of supply chain management, transporting goods, planning operations, inventory, and warehousing.

### Career Option

The following list is a sample of the career options available for individuals who focus on logistics and transportation. Most of these career options require a certificate or an associate degree; some require a bachelor's degree: cargo and freight agent/forwarder, global transportation agent, industrial engineer, international logistics manager, logistician, operations research analyst, production, planning and expediting clerk, supply chain executive/supply chain and logistics manager, transportation, storage, and distribution manager, and warehousing and materials handler.

Degree/Certificate Options	Major Code
Associate in Science Degree: Career/Technical	
International Logistics and Transportation	A1141
Certificates of Achievement:	
Logistics and Transportation-Basic	A1143
Logistics and Transportation-Intermediate	A1144

## ASSOCIATE IN SCIENCE DEGREE

### International Logistics and Transportation

Career/Technical (Major Code: A1141)

To earn an associate degree, additional general education and graduation requirements must be completed along with the following classes:

ACCT 7	Basic Business Bookkeeping (3)	3-4
	<b>OR</b>	
ACCT 101	Principles of Accounting I (4)	
BUS 142	Business Ethics-Corporate & Personal	1
BUS 177	Principles of International Business	3
CIS 133	Advanced Microcomputer Spreadsheet Software	1
GEOG 145	Intro to Mapping & Geographic Information Science (GIS)	3
LEGL 256	International Law for Business	3
BUS 290-293	Work Experience in Business I-IV (2-4)	2-4
<i>Plus the courses required for the Logistics and Transportation-Basic Certificate</i>		22
<b>TOTAL UNITS</b>		<b>38-41</b>

### International Logistics & Transportation

#### Basic Certificate of Achievement

Career/Technical (Major Code: A1143)

BUS 122	Principles of Importing and Exporting	3
BUS 126	Introduction to Business Logistics Management	3
BUS 151	Principles of Operations Management	3
BUS 173	Transportation Management	3
BUS 183	Business Mathematics	3
CIS 101	Intro to Computers & Information Processing	4
BUS 211	Communication in Business & Industry	3
	<b>OR</b>	
BUS 212	Business Communication	
<b>TOTAL UNITS</b>		<b>22</b>

### International Logistics & Transportation

#### Intermediate Certificate of Achievement

Career/Technical (Major Code: A1144)

ACCT 7	Basic Business Bookkeeping (3)	3-4
	<b>OR</b>	
ACCT 101	Principles of Accounting I (4)	
BUS 142	Business Ethics-Corporate & Personal	1
BUS 177	Principles of International Business	3
CIS 133	Advanced Microcomputer Spreadsheet Software	1
GEOG 145	Intro to Mapping & Geographic Information Science (GIS)	3
LEGL 256	International Law for Business	3
BUS 290-293	Work Experience in Business I-IV (2-4)	2-4
<i>Plus the courses required for the Logistics and Transportation-Basic Certificate</i>		22
<b>TOTAL UNITS</b>		<b>38-41</b>