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 Room: B211 Time: 18:00- 21:00 Day: Thursday Dates: 01/28/08 to 05/30/2008

**PART I  
 COURSE DESCRIPTION**

An overview of the structure and management of the physical distribution system; including logistics and supply chain management and technology management and order processing, packaging, packing and materials handling, transportation management, distribution center, warehouse and inventory control, procurement, international logistics and organizing and analyzing logistics systems and controls.. Option Credit/Non-Credit Transferable to CSU.

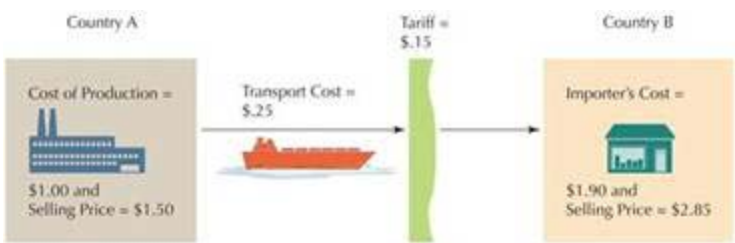
**ENTRY SKILLS:** None required

**COGNITIVE & SKILLS OBJECTIVES:** This course is competency based. Competency is demonstrated by mastery of the cognitive content and skills.

COGNITIVE OBJECTIVES	SKILLS OBJECTIVES	STUDENT LEARNING
Understanding of the types of business organizations.	Transportation & Logistics Terms & Practices	Appraise the differences between inbound logistics, materials management and physical distribution.
Understanding of functions of logistics management: planning, organizing, staffing, controlling and implementing	Logistics Terms, Techniques & Methodology	Understand the logistics and supply chain concepts in U.S. business, including organization, analysis and technologies.
Understanding of various concepts of inventory management	Inventory Terms, Techniques & Methodology	Know the factors that influence plant and distribution center location, and explain the importance of warehouse and inventory management
Understanding of the future trends in physical distribution.	Specific costs of the basic physical distribution elements	Classify various transportation options for domestic and international shipping
Understanding of how logistics relates to consumer consumption.	Develop a basic logistics plan	Describe the importance of demand management, order management and customer service as they relate to procurement, processing and delivery

**COURSE ORGANIZATION**

The course consists of fourteen learning modules and One (1) Extra Credit Project. One (1) module is completed each week. Each module consists of standard assignments.

<p><b>THE FOURTEEN LEARNING MODULES:</b></p> <ul style="list-style-type: none"> <li>Module I: (1) Logistics &amp; the Supply Chain</li> <li>Module II: (2) The Supply Chain Management Concept</li> <li>Module III: (9) Inventory Management</li> <li>Module IV: (12) International Logistics</li> <li>Module V: (5) Transportation</li> <li>Module VI: (6) Transportation Management</li> <li>Module VII: (7) Procurement</li> <li>Module VIII: (8) Distribution Center Location</li> <li>Module IX: (9) Warehouse Management</li> <li>Module X: (10) Material Handling</li> <li>Module XI: (4) Demand Management</li> <li>Module XII: (3) Information Technology</li> <li>Module XIII: (13) Logistics Systems</li> <li>Module XIV: (14) Organizing Logistics Systems</li> </ul> <p>(Chapter #)</p>	<p>The class project is to design a NEW logistics business. The new business should address an area currently missing in an emerging market creating better jobs for the community. Examples: (1) A harbor drayage operation creating jobs for the disadvantaged worker (2) A strategically located container storage facility, (3) A local less the container/trailer load trucking/consolidation enterprise, (4) A staffing service providing superior job satisfaction. Business development documents should include: strategic marketing analysis, grant opportunities, mission statement, management philosophy, cost and operational advantages and job creation.</p>  <p>The diagram illustrates the cost structure for an importer in Country B. It shows the flow from Country A to Country B. In Country A, the cost of production is \$1.00 and the selling price is \$1.50. The goods are transported to Country B, where a transport cost of \$0.25 is added. A tariff of \$0.15 is applied. The importer's cost in Country B is \$1.90, and the selling price is \$2.85.</p>
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