### COURSE OUTLINE

**Kim Alexander**  
**Date:** September, 2010

<table>
<thead>
<tr>
<th><strong>DEPARTMENT:</strong></th>
<th>Workforce Education/Professional Technical</th>
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<tbody>
<tr>
<td><strong>CURRICULUM:</strong></td>
<td>Logistics, Transportation, and Supply Chain Management Program</td>
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<tr>
<td><strong>COURSE TITLE:</strong></td>
<td>Fundamentals of Logistics, Transportation, and Supply Chain Management.</td>
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<tr>
<td><strong>COURSE NUMBER:</strong></td>
<td>LOG 235</td>
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<td><strong>TYPE OF COURSE:</strong></td>
<td>Short Term Training</td>
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<tr>
<td><strong>COURSE LENGTH:</strong></td>
<td>11 weeks</td>
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<tr>
<td><strong>CREDIT HOURS:</strong></td>
<td>33</td>
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<td><strong>LECTURE HOURS:</strong></td>
<td>33</td>
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<tr>
<td><strong>LAB HOURS:</strong></td>
<td>0</td>
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<td><strong>CLASS SIZE:</strong></td>
<td>25</td>
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<td><strong>PREREQUISITES:</strong></td>
<td>On COMPASS placement test: Writing – 68; Reading – 81; Math – 50; and, for ESL students Listening - 75</td>
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**COURSE DESCRIPTION:** This introductory course combines in-class and online content to provide an overview of the fundamentals of commercial transportation, logistics, and supply chain management. The class will give an overview of the various operations and processes involved in efficient movement of cargo and impacts to the financial performance of business, providing students with practical industry knowledge. Topics will include major transportation modes, the legal and regulatory environment, costing and pricing, security issues, managing transportation partnerships, and the use of information and technology in the logistics sector.

**STUDENT LEARNING OUTCOMES ADDRESSED:**

1. Communication  
2. Computation  
3. n/a  
4. Critical Thinking and Problem Solving  
5. Technology  
6. Personal Responsibility  
7. Information Literacy
GENERAL COURSE OBJECTIVES:

At the end of the course the student will:

1. Describe and understand the various functions of the transportation/logistics industry.
2. Understand the strategic impact of the transportation function on individual businesses, industry, and the economy.

TOPICAL OUTLINE:  

I. Introduction  
II. Domestic Transportation  
III. Supply Chain Management  
IV. Import  
V. Export  
VI. Warehousing/Inventory Management  
VII. Logistics: Technology  
VIII. The Local Picture  
IX. Current Issues  
X. Employment Opportunities  
XI. A Look Ahead  

TOTAL HOURS  

Kim Alexander, Dean  
September, 2010