Catalog Course Description:

This course focuses on understanding how supply chains are structured and managed and the tools used to improve efficiency.

Entry Level Standards:

Basic college-level competencies in reading, English, mathematics and Microsoft Office applications, especially Word, Excel and PowerPoint.

Prerequisites:

MKT 2200, INFS 1010, and MGT 2000

Textbook(s) and Other Course Materials:


I. Week/Unit/Topic Basis:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
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<tbody>
<tr>
<td>1</td>
<td>Purchasing and Supply Management</td>
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<tr>
<td>2</td>
<td>Supply Strategy &amp; Responsibilities</td>
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<td>3</td>
<td>Supply Organization</td>
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<tr>
<td>4</td>
<td>Supply Process and Technology</td>
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<tr>
<td>5</td>
<td>Make or Buy, Insourcing and Outsourcing</td>
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<tr>
<td>6</td>
<td>Need Identification and Specification Methods</td>
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<tr>
<td>7</td>
<td>Quality and Inventory</td>
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<tr>
<td>8</td>
<td>Delivery and Transportation Modes</td>
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<tr>
<td>9</td>
<td>Pricing Methods and Sales Arithmetic</td>
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*Roman numerals after course objectives reference goals of the Marketing program.*
8. Outline the key issues that must be considered when determining how a service is delivered. D, E

9. Describe how lean (just-in-time) inventory strategies impact transportation choices. A, C, D, E, F

10. Assess elements of transportation optimization and describe strategies for implementing. C, D, G

11. Describe the role of a master production schedule and how demand leveling and production leveling intersect in the schedule. C, E, F

12. Use standard supply chain/logistics formulas and other methodologies such as SKU total cost analysis, supply scorecards, customer/product analysis, EOQ and service level formulas and statistics to solve business problems. A, B, C, D, E, F

13. Describe the role of intermediaries in the supply chain. A, B, E, F

14. Discuss how suppliers are evaluated. A, F

15. Define common supply chain terms such as FOB, SKU, EOQ, ABC analysis, JIT, LTL, MRP, DSDS. A, C, G

16. Describe the factors that have caused the increase in global trade. A

17. Compare and contrast major advantages and disadvantages of buying internationally. A, B, D

* Capital letters after Expected Student Learning Outcomes reference the course goals listed above.

IV. Evaluation:

A. Testing Procedures: 50% of grade

Exams may include objective and essay questions, problems and short cases.

B. Laboratory Expectations: 40% of grade

- Each student will complete assigned SAP training exercises.
- Each student will complete assigned case studies.

C. Field Work:

N/A

D. Other Evaluation Methods:

10% of grade will be based on classroom participation.

E. Grading Scale:

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>92 – 100</td>
<td>A</td>
</tr>
<tr>
<td>89 – 91</td>
<td>B+</td>
</tr>
<tr>
<td>82 – 88</td>
<td>B</td>
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</table>
V. Policies:

A. Attendance Policy:

Pellissippi State expects students to attend all scheduled instructional activities. As a minimum, students in all courses (excluding distance learning courses) must be present for at least 75 percent of their scheduled class and laboratory meetings in order to receive credit for the course. Individual departments/programs/disciplines, with the approval of the vice president of Academic Affairs, may have requirements that are more stringent. In very specific circumstances, an appeal of the policy may be addressed to the head of the department in which the course was taken. If further action is warranted, the appeal may be addressed to the vice president of Academic Affairs.

B. Academic Dishonesty:

Academic misconduct committed either directly or indirectly by an individual or group is subject to disciplinary action. Prohibited activities include but are not limited to the following practices:

• Cheating, including but not limited to unauthorized assistance from material, people, or devices when taking a test, quiz, or examination; writing papers or reports; solving problems; or completing academic assignments.
• Plagiarism, including but not limited to paraphrasing, summarizing, or directly quoting published or unpublished work of another person, including online or computerized services, without proper documentation of the original source.
• Purchasing or otherwise obtaining prewritten essays, research papers, or materials prepared by another person or agency that sells term papers or other academic materials to be presented as one’s own work.
• Taking an exam for another student.
• Providing others with information and/or answers regarding exams, quizzes, homework or other classroom assignments unless explicitly authorized by the instructor.
• Any of the above occurring within the Web or distance learning environment.

Please see the Pellissippi State Policies and Procedures Manual, Policy 04:02:00 Academic/Classroom Conduct and Disciplinary Sanctions for the complete policy.

C. Accommodations for disabilities:

Students who need accommodations because of a disability, have emergency medical information to share, or need special arrangements in case the building must be evacuated should inform the instructor immediately, privately after class or in her or his office. Students must present a current accommodation plan from a staff member in Services for Students with Disabilities (SSWD) in order to receive accommodations in this course. Services for Students with Disabilities may be contacted by going to Goins 127, 132, 134, 135, 131 or by phone: 539-7153 or TTY 694-6429. More information is available at http://www.pstcc.edu/sswd/.

D. Other Policies:

**Computer Usage Guidelines:**

College-owned or -operated computing resources are provided for use by students of Pellissippi State. All students are responsible for the usage of Pellissippi State's computing
resources in an effective, efficient, ethical and lawful manner.