

**Hagerstown Community College**  
**OFFICIAL MASTER SYLLABUS DOCUMENT**

**COURSE:** TRK 210: Transportation Management – 3 credits

**INSTRUCTOR:**                      **SEMESTER/YEAR:** Fall/2016

**COURSE DESCRIPTION:**

This course will examine the role of transportation in managing the flow of the supply chain. Topics covered will include modes of transportation, transportation planning and strategy, transportation execution and control, transportation metrics and technology, federal regulation of the transportation industry and the basis of transportation rates. Additional topics will include distribution and managing fulfillment operations, supply chain design, sourcing and managing reverse flows in the supply chain and strategic challenges for supply chains. Factors that influence efficient delivery of goods and services such as vehicle-routing issues, shipment size and mix, warehouse location, customer services, and market structure will also be covered. Semester offered: Periodically.

**TEXTBOOK:** *Supply Chain Management Ninth Edition, John J. Coyle, C. John Langley Jr., Robert A. Novack, Brian J. Gibson, ISBN-13: 978-0-538-47918-9, ISBN-10: 0-538-47918-3, South-Western CENGAGE Learning*

**STUDENT LEARNING OUTCOMES:**

Upon completion of this course, the student will be able to:

- Understand the importance of the domestic and international transportation systems to the supply chain.
- Acquire the basic knowledge of warehousing, order processing, inventory control, and materials handling.
- Understand the importance of decisions within operations management, product design, quality, process, location, layout, human resources, supply-chain management, procurement, inventory, forecasting, scheduling and maintenance.
- Define the benefits and process or system improvement gained from a hands-on warehouse project similar in nature to a total quality management approach to problem solving.

**Total Hours of Coursework:**

To earn one academic credit at HCC, students are required to complete a minimum of 37.5 clock hours (45 fifty-minute “academic” hours) of coursework per semester. Those hours of coursework may be completed through a combination of hours within the classroom and hours outside the classroom. Certain courses may require more than the 37.5 minimum hours of coursework per credit.

For most classes, students should expect to do at least 2 hours of coursework outside of class for each hour of in-class coursework. **Total Hours of Coursework for TRK 210 is 114 hours for 3 credits.**

<b>Assignment/Assessment</b>	<b>Clock Hours</b>
Warehouse Operation Tour	4 hours
7 Chapter Quizzes	28 hours
1 Mid-Term Exam	3 hours
Warehouse Project	32 hours
Assigned Readings	26 hours
7 Forums of Discussion Board Participation	17.5 hours
Final Exam	3.5 hours
	<b>Total hours=114 hours</b>