

Hagerstown Community College
OFFICIAL MASTER SYLLABUS DOCUMENT

COURSE: TRK 210: Transportation Management – 3 credits (Web based, Moodle delivery).

INSTRUCTOR: Mike Stevenson

SEMESTER/YEAR: Fall 2018

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

TERMINAL LEARNING OBJECTIVES:

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 140.5 hours for 3 credits.**

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE

	DIRECT Faculty Instruction In-class	Student Work Out of Classroom
	37.5 hours required	75 hours required
In-class "lecture" 7 Chapter Quizzes	37.5 hours	31.5 hours
Reading chapters		31 hours
7 Forums of Discussion Board Participation	Included in lecture time	7 hours prep
Warehouse Operation Tour	2.5 hours	1 hour
Warehouse Project term paper	Included in lecture time	12 hours prep
1 Mid-Term exam	Included in lecture time	3 hours exam prep
Cumulative final exam (Academic Testing Center)	Included in lecture time	15 hours exam prep
Total Hours	40 hours	100.5 hours

SERVICES FOR STUDENTS WITH DISABILITIES: Students may receive reasonable accommodations if they have a diagnosed disability and present appropriate documentation. Students seeking accommodations are required to contact the Disability Support Services (DSS) office as early as possible. Students may contact a DSS staff member for an appointment at dss@hagerstowncc.edu or at 240-500-2530.