Hagerstown Community College OFFICIAL MASTER SYLLABUS DOCUMENT

SEMESTER/YEAR: Spring 2018

COURSE: TRK 130: Production and Operations Management - 3 credits

INSTRUCTOR:

CONTACT INFORMATION: (301) 491-9808 / (240) 500-2626 / (717) 595-0029

COURSE DESCRIPTION:

Production and Operations Management examines the infrastructure required to bring goods and services to the marketplace and includes the functional areas of supply chain management and its interface with other business and logistics activities. Topics include many aspects of the line and staff functions of production management such as operations in a global environment, project management, forecasting, capacity planning, inventory management, aggregate planning, and outsourcing as a supply chain strategy. Semester offered: Periodically.

TEXTBOOK: <u>Operations Management Ninth Edition</u>, Jay Heizer and Barry Render, ISBN-13: 978-0-13-602567-2, ISBN-10: 0-13-602567-6, Pearson Prentice Hall and <u>Operations</u> <u>Management Cases</u>, William V. Gehrlein, ISBN-0-07-291866-7, McGraw-Hill Irwin

STUDENT LEARNING OUTCOMES:

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

- Define operations management
- Explain the distinction between goods and services
- Understand the differences between production and productivity
- Compute multifactor productivity
- Identify the critical variables in enhancing productivity
- Complete critical path analysis
- Develop operational strategies to succeed in a global environment
- Analyze a case study and make a recommendation for alternate approaches

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 required for TRK 130 equals 159 hours for 3 credits.**

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE		
	DIRECT Faculty Instruction	Student Work Out of
	In-class	Classroom
	37.5 hours required	75 hours required
In-class "lecture" 9 Chapter	37.5 hours	31.5 hours
Quizzes		
Reading chapters		31 hours
9 Forums of Discussion Board	Included in lecture time	9 hours prep
Participation		
3 Case Study Centered	Included in lecture time	30 hours
Research Papers		
1 Mid-Term Exam	Included in lecture time	3 hours exam prep
Cumulative final exam	Included in lecture time	17 hours exam prep
(Academic Testing Center)		
Total Hours	37.5 hours	121.5 hours

MINIMUM CLOCK HOURS REQUIRED FOR THIS COURSE

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 <u>dss@hagerstowncc.edu</u> or at 240-500-2530