OMIS 505 – PRINCIPLES OF OPERATIONS MANAGEMENT
Northern Illinois University – College of Business
Exemption Exam Content Review Guide

Phase One course work is designed to compensate for deficiencies in undergraduate course work or experiences considered to be prerequisites for Phase Two graduate course work. Deficiencies in the Phase One requirements must be resolved by either satisfactory completion of the course or by passing the appropriate exemption examination.

DESCRIPTION OF COURSE: Analysis of the conceptual and analytical approaches to the solution of significant operations problems. Emphasis will be placed on problem analyses and quantitative solutions within a global competitive environment.

EXEMPTION EXAMINATION: The examination consists of 100 multiple choice items which are a combination of problems and conceptual questions. Two hours of testing are allowed.

The minimum passing score is 75 points out of a possible 100 points. Upon successful completion of this examination the OMIS 505 Phase One deficiency will be met.

NOTE: A student may attempt an exemption examination only once for a given Phase One course. The score for a second attempt of the same Phase One course will be automatically nullified.

REGISTRATION: To attempt the OMIS 505 examination a student must register in advance with NIU Testing Services, Adams Hall 128. Office hours are Monday through Friday, 8 a.m. until noon and 1 to 4:30 p.m. This examination is administered at Testing Services during regularly scheduled office hours.
Phone (815) 753-1203.

There is no fee for this exam.

EXAMINATION RESULTS: Results will be mailed to you from the Office of Graduate Studies in Business.
Phone (815) 753-1245.


Other Operations Management texts may be used, but the subtle wording for some exam questions is based upon the 11th edition. You should be able to attain a copy rather inexpensively online since this is an older edition. The 13th edition is the most recent version of this text published in 2010.

OMIS 505 COURSE OBJECTIVES:
• To provide an introduction to the field of operations management and an understanding of its impact on business performance for both manufacturing and service firms.
• To understand the principles/concepts of a production system and the systematic methodologies used to measure and improve performance.
• To be able to recognize real-world business applications of the concepts and techniques covered.
• To be aware of current challenges facing operations management professionals
• To develop critical thinking and problem solving skills.

CONTENT OUTLINE:
(5-10 questions per chapter)
• Chapter 1: Introduction to the Field
• Chapter 2: Operations Strategy & Competitiveness
• Chapter 3: Project Management
• Chapter 4: Product Design
• Chapter 5: Process Analysis
• Chapter 6: Manufacturing Process Selection and Design
• Chapter 7: Service Process Selection and Design
• Chapter 8: Quality Management: Focus on Six Sigma
• Chapter 8 Technical Note: Process Capability & Statistical Quality Control
• Chapter 10: Supply-Chain Strategy
WHAT TO BRING TO THE EXAMINATION:

Students should report at their assigned testing time to Adams Hall 128 with the following:

1. Appropriate photo ID (driver’s license, school ID or passport, etc.)
2. Programmable or non-programmable calculator.

Parking is available in the Visitor Parking Lot, located off of Lincoln Highway on Carroll Avenue.