

Minnesota State University Moorhead

MBA 671: Healthcare Delivery Science

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will provide a comprehensive understanding of health care ecosystem, focusing on developing a broader and deeper knowledge about clinical practices, delivery options and the engineering of health care system structure. Various topics covered will include understanding of health care processes, evidence based practice, macro and micro systems approaches, health care incentive systems, value in health care, etc.

B. COURSE EFFECTIVE DATES: 03/04/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Understanding care as a system
2. Patient safety, complexity and costs
3. Engineering healthcare systems, information and knowledge flow
4. Service, process and systems approaches to designing and engineering healthcare systems
5. Barriers and challenges in improving healthcare systems

D. LEARNING OUTCOMES (General)

1. To develop analytical skills in decision making and problem solving by using quantitative and non-quantitative analytical tools and rational models within the healthcare industry.
2. To develop proficiency in selecting and applying various quantitative techniques which may be useful in administration of various healthcare services providers.
3. To identify the concept of decision making from operational to strategic levels in various healthcare organization settings.
4. To review and critique the strengths and weaknesses of the above techniques in relation to their applications in the healthcare industry.
5. To identify healthcare services problems or problem types amenable to various quantitative techniques.
6. To identify the role of OR/MS techniques in organizational decision-making, planning and control.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted