

**MONTANA STATE UNIVERSITY  
COLLEGE OF NURSING  
Master Resource Outline**

**NRSG 509 Design of Healthcare Delivery Systems Clinical Lab**

Credits: 1 clinical lab

Semesters offered: Spring

Pre-requisites: NRSG505 or consent of instructor

Co-requisite: NRSG506

**Course Description:** This clinical experience is designed to occur in conjunction with NRSG506 / EIND506. The clinical experience will allow Clinical Nurse Leader (CNL) and Industrial (or systems) Engineer (IE) students to gain experience in skills and attitudes necessary for the broad practice of working with interdisciplinary teams to analyze and improve systems of care through mentored clinical experiences and simulations. Strategies used to promote interdisciplinary problem-solving, enhance quality management and reduce risk of medical error in selected clinical settings will be examined.

**Course Objectives:**

The student will:

1. Explore the use of healthcare systems engineering concepts and tools to evaluate current structure, processes and outcomes, and plan improvements in selected healthcare settings.
2. Examine the influence of interdisciplinary communication, technology, and information systems on health outcomes in a selected healthcare setting.

Approved by GAAC: 9/11

Approved by Faculty: 10/11