Introduction Healthcare informatics can be broken down into two main categories of clinical and administrative systems. Within the subset of clinical systems is the nursing information system, which deals with the specific needs of nursing care documentation. The nursing field plays an important role in the documentation of the patient’s condition, and with proper training computer-based entry has been shown to improve this documentation (Mahler, Elske, Wagner, Tautz, Torsten, Hoppe & Eichstaedter, 2007). Creating a software product that can be successfully implemented in broad scope requires NURS490 Nursing Research. [Minimum Semester Hours: 3 sh; Maximum Semester Hours: 3sh ]. Focuses on the theoretical basis of research methodology with emphasis on analyzing, critiquing, and interpreting nursing research. Development of a research proposal, based on an identified nursing problem, will aid in understanding use of research findings in evidence-based nursing practice. Prerequisite: ( MATH107 ). Examples include but are not limited to contemporary issues in healthcare, a comparative analysis of healthcare systems in different countries, health issues related to population, economics, social and other factors, healthcare issues of special populations, the healthcare crisis in the United States, and emerging healthcare technologies and fields.