

STANDARD COURSE OUTLINE

HIM 2523 Healthcare Statistics

COURSE DESCRIPTION:

Compilation and usage of various types of administrative and health care statistics including vital records. Introduction to the health information research process and institutional review board functions. Use of computers for computation and data display.

CREDIT HOURS 3 credit hour

The student will need to obtain transfer information from the institution he/she is transferring to in order to determine transferability.

COURSE LEARNING OUTCOMES:

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

1. Define and apply basic statistical terms and principles.
2. Abstract and report data for facility-wide quality management and performance improvement programs.
3. Analyze clinical data to identify trends that demonstrate quality, safety, and effectiveness of healthcare.
4. Collect, organize, and present data for quality management, utilization management, risk management and other related studies.
5. Identify vital statistics and various types of healthcare rates to include: census, bed occupancy, bed turnover, length of stay, death rates, autopsy rates, infection rates and service days.
6. Apply Institutional Review Board (IRB) processes and policies.
7. Understand the various data interpretation issues and the importance of verification of data.
8. Apply ethical guidelines in the use of statistics.