Course Competency

HIM 2214C HEALTH STATISTICS

Course Description

This course will focus on the definitions for analysis, interpretation, and display of healthcare data. The student will learn the acceptable terminology and basic definitions for reporting health statistics. Emphasis is placed on the use of the formulas necessary for computing standard rates, percentages, and averages from patient data. Prerequisites: HIM 1110, HIM 1110L; Corequisite: HIM 2512C. (1 h r. lecture; 2 hr. lab)

Course Competency	Learning Outcomes
Competency 1: The student will demonstrate knowledge of computing statistics within daily operations of healthcare settings by:	1. Numbers / Data
1. Computing and analyzing daily inpatient census, inpatient service days and percentages 2. Creating histogram chart 3. Calculating and validating length of stay days	
Competency 2: The student will demonstrate accurate calculations of hospital morbidity, mortality, and miscellaneous rates by:	1. Information Literacy
1. Calculating morbidity and mortality rates for a given period 2. Interpreting data from Center of Disease Control for statistical data trending 3. Constructing line graph using data statistics	
Competency 3: The student will demonstrate basic knowledge and skills using databases to collect and analyze data for reporting by:	1. Computer / Technology Usage
1. Interpreting data from Center of Disease Control databases for statistical data trending	

2. Analyzing and interpreting productivity reports 3. Applying and analyzing health information to data analytics tools (Tableau and Pivot Tables)	

Updated: FALL TERM 2022