HIM 140 : HEALTHCARE STATISTICS

Transcript title

Healthcare Statistics

Credits

4

Grading mode

Standard letter grades

Total contact hours

60

Lecture hours

20

Other hours

40

Prerequisites

MTH 015 or higher or minimum placement Math Level 7.

Course Description

Provides a study of statistical terminology and health care data collection. Focuses on specific statistical analysis of common health care data, percentile use, research, and descriptive data presentations.

Course learning outcomes

1. Review primary and secondary sources and uses of health care data.
2. Perform statistical calculations.
3. Analyze health care statistics.
4. Examine basic research principles and presentation of data.
5. Assess frequency distribution for qualitative and quantitative data.
6. Contrast descriptive and inferential statistics.

Content outline

1. Statistical Terminology and Health Care Data
2. Frequency Distributions and Tables
3. Mathematical Review and Health Information Management Computational Applications
4. Health Care Facilities and Providers and Patient Data Collection
5. Census
6. Percentage of Occupancy
7. Length of Stay
8. Hospital Mortality Rates
9. Obstetrical-Related Rates
10. Autopsy Rates
11. Morbidity Rates
12. Vital Statistics
13. Research and Graphic Representation Principles
14. Descriptive and Inferential Statistics

Required materials

Required textbook, computer and reliable internet access, portable storage device (i.e., USB drive), calculator

General education/Related instruction lists

- Computation