

EDISON STATE COLLEGE

Division of Health Professions

COMMON COURSE SYLLABUS

PROFESSOR:

OFFICE LOCATION:

E-MAIL:

PHONE NUMBER:

OFFICE HOURS: MONDAYS

SEMESTER:

TUESDAYS

WEDNESDAYS

THURSDAYS

FRIDAYS

I. HIM2214 Healthcare Statistics – AS – 3 Credits

Presentation of basic healthcare statistics to provide the student with an understanding of the terms, definitions, formulas and software used in computing and presenting health care statistics.

- II. PREREQUISITES FOR THE COURSE:** HIM1000 Introduction to HIM
MAC1105 College Algebra
CGS1100 Microcomputer Skills

CO-REQUISITES: None

III. GENERAL COURSE INFORMATION: Topic Outline

- Unit I: Introduction
 - Statistical Terminology and Health Care Data
 - Health Care Overview and Patient Data Collection
 - Mathematical Review
- Unit II Hospital Statistics
 - Census
 - Percent of Occupancy
 - Length of Stay/Discharge Days
 - Mortality Rates
 - Obstetrical-Related Rates
 - Autopsy Rates
 - Miscellaneous Rates
- Unit III Other Data
 - Vital Statistics Data/Rates
 - Frequency Distribution
 - Measures of Central Tendency
 - Data Presentation

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IV.

LEARNING OUTCOMES AND ASSESSMENT:

GENERAL EDUCATION COMPETENCIES:

General education courses must meet at least four out of the five following outcomes. All other courses will meet one or more of these outcomes.

- *Communication (COM):* To communicate effectively using standard English (written or oral).
- *Critical Thinking (CT):* To demonstrate skills necessary for analysis, synthesis, and evaluation.
- *Technology/Information Management (TIM):* To demonstrate the skills and use the technology necessary to collect, verify, document, and organize information from a variety of sources.
- *Global Socio-cultural Responsibility (GSR):* To identify, describe, and apply responsibilities, core civic beliefs, and values present in a diverse society.
- *Scientific and Quantitative Reasoning (QR):* To identify and apply mathematical and scientific principles and methods.

ADDITIONAL COURSE COMPETENCIES:

At the conclusion of this course, students will be able to demonstrate the following additional competencies:

LEARNING OUTCOMES	ASSESSMENTS	GENERAL EDUCATION COMPETENCY
Define terms used in healthcare formulae	Practice exercises, quizzes, and exams.	CT, COM
Compute common health care statistics.	Practice exercises, quizzes, and exams.	CT, QR
Interpret statistical data in reports.	Practice exercises, quizzes, and exams.	CT, QR
Utilize computer software packages to graphically display data.	Practice exercises, quizzes, and exams.	CT, QR, TIM

V.

DISTRICT-WIDE POLICIES

PROGRAMS FOR STUDENTS WITH DISABILITIES

Edison State College, in accordance with the Americans with Disabilities Act and the college's guiding principles, offers students with documented disabilities programs to equalize access to the educational process. Students needing to request an accommodation in this class due to a disability, or who suspect

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that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus.

Lee Campus	Taeni Hall S-116A	(239) 489-9427
Charlotte Campus	Student Services SS-101	(941) 637-5626
Collier Campus	Admin. Bldg. A-116	(239) 732-3918
Hendry/Glades Ctr.	LaBelle H.S.	(863) 674-0408

- VI. **REQUIREMENTS FOR THE STUDENTS:**
- VII. **ATTENDANCE POLICY:**
- VIII. **GRADING POLICY:**
- IX. **REQUIRED COURSE MATERIALS:**
- X. **RESERVED MATERIALS FOR THE COURSE:**
- XI. **CLAST COMPETENCIES INVOLVED IN THIS COURSE.**
- XII. **CLASS SCHEDULE:**
- XIII. **OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:**