

**NOVA COLLEGE-WIDE COURSE CONTENT SUMMARY
HIM 142 - FUNDAMENTALS OF HEALTH INFORMATION SYSTEMS II (3 CR.)**

Course Description

Focuses on health data collection, storage, retrieval and reporting systems, with emphasis on the role of the computer in accomplishing these functions. Lecture 3 hours per week.

General Course Purpose

This course is designed to introduce the student to microcomputer applications in the health record field. Emphasis is placed on practicing software packages for word processing and database management. Class time will be spent exploring the practical applications of data entry and report generation.

Course Prerequisites/Co-requisites

Prerequisite is ITE 115 or permission of instructor.

Course Objectives

The student will:

- Gain a basic understanding of computer terminology useful in data base management.
- Gain an understanding of the concept, data base management.
- Develop skills in using on-line data base.
- Gain practice using word processing and data base software.
- Gain an appreciation for the importance of an on-line health record data base in meeting the demands of the health care environment.
- Gain an appreciation of the role the medical record practitioner plays in a sound data base management system.
- Examine the word processing workplace.

Major Topics to be Included

- a. Health Information Management Systems.
- b. Managing Health Information Databases.
- c. Cancer Information Centers.
- d. The Computerized Patient Record - The Future.