



Purpose: It is the intention of this Administrative-Master Syllabus to provide a general description of the course, outline the required elements of the course and to lay the foundation for course assessment for the improvement of student learning, as specified by the faculty of Wharton County Junior College, regardless of who teaches the course, the timeframe by which it is instructed, or the instructional method by which the course is delivered. It is not intended to restrict the manner by which an individual faculty member teaches the course but to be an administrative tool to aid in the improvement of instruction.

Course Title - Computers in Health Care
Course Prefix and Number – HITT 1311
Department – Health Information Technology
Course Type: (check one)

Division – Allied Health

- Academic General Education Course (from ACGM – but not in WCJC Core)
- Academic WCJC Core Course
- WECM course (This course is a Special Topics or Unique Needs Course: Y or N)

Semester Credit Hours # : Lecture hours# : Lab/other hours # 3:3:0

Equated Pay hours for course - 3

Course Catalog Description – Concepts of computer technology related to health care data.

Prerequisites/Co requisites –HITT 1301 and COSC 1300 (may be taken concurrently).

Approvals – the contents of this document have been reviewed and are found to be accurate.

List Lab/ Other Hours
Lab Hours
Clinical Hours
Practicum Hours
Other (list)

Prepared by Mary Jo Spanhiel, RHIA, CCEP	Signature 	Date 27 Sept 2010
Department Head Debbie Lutringer, RHIA, CTR	Signature 	Date 9-27-10
Division Chair Carol Derkowski, RDH, MAIE	Signature 	Date 9-27-10
Vice President of Instruction or Dean of Vocational Instruction Leigh Ann Collins, RDII, MAIE	Signature 	Date 1-14-11



I. Topical Outline – Each offering of this course must include the following topics (be sure to include information regarding lab, practicum, clinical or other non-lecture instruction):

1. Introduction
2. Software Applications
3. Data Quality
4. Databases
5. System Selection and Implementation
6. Data Storage and Retrieval
7. Computers in HIM
8. Administrative Information Systems
9. Clinical Information Systems
10. Electron Health Record
11. Speech Recognition
12. Privacy and Security
13. Role of HIM professional in Information Systems
14. Future of Computers in Healthcare

II. Course Learning Outcomes

Course Learning Outcome	Method of Assessment
Describe the purpose and value of computer functions.	Written exams; request for proposal project
Utilize the tools and techniques for collecting, storing, securing, retrieving, and reporting health care data.	Request for proposal project; assignment.

III. Required Text(s), Optional Text(s) and/or Materials to be Supplied by Student.

Sayles, Nanette B & Trawick, Kathy C., Introduction to Computer Systems for Health Information Technology, Chicago, IL. AHIMA Press, 2010.

Abdelhak, Mervat. Health Information: Management of a Strategic Resource, Philadelphia, PA. W.B. Saunders Company, 2001.

Harman, Laurinda B. Ethical Challenges in the Management of Health Information, 2nd Edition, Sudbury, MA, Jones & Bartlett Publishers, 2006.

Texas Health Information Management Association. Health Information Manual, Austin, TX. 2002

Regular access to appropriate technology for www.courses.

IV. Suggested Course Maximum - 20

V. List any specific spatial or physical requirements beyond a typical classroom required to teach the course.

Regular conventional classroom or computer lab. Instructor must have training in, and access to all appropriate technology for www.courses

VI. Course Requirements/Grading System – Describe any course specific requirements such as research papers or reading assignments and the generalized grading format for the course The final exam evaluation will be on the following scale:

93—100%	A
85—92%	B
78—84%	C
70—77%	D
69—0%	F

Final evaluation will be based on grades achieved during the semester and the final exam:

Daily Grade Average	20%
Request for Proposal Project	10%
Test Average	60%
Final Exam	10%

VII. Curriculum Checklist

- **Academic General Education Course** (from ACGM – but not in WCJC Core)
No additional documentation needed
- **Academic WCJC Core Course**
Attach the Core Curriculum Checklist, including the following:
 - Basic Intellectual Competencies
 - Perspectives
 - Exemplary Educational Objectives
- **WECM Courses**
If needed, revise the Program SCANS Matrix & Competencies Checklist.