Texas A&M University - Corpus Christi College of Nursing and Health Sciences  
NURS 5331 Nursing Informatics  
Syllabus: Spring 2020

FACULTY: Marge Benham-Hutchins, PhD, RN  
OFFICE: Island Hall, Office 340  
OFFICE HOURS: By Appointment (phone, in person, and online)  
TELEPHONE: 361-825-5939  
EMAIL: mbenhamhutchins@tamucc.edu  
PREFERRED METHOD OF COMMUNICATION: Email through Blackboard  
FAX: none  
CREDITS: semester hours (3:0)

COURSE DESCRIPTION: An introduction to the application of computers in nursing. Focuses on the concepts and terminology related to computer technology, information management and their use in nursing administration, nursing education, nursing practice, and nursing research. This course is designed for graduate students.

COURSE OBJECTIVES: Upon completing this course, students will be able to
1. Understand and articulate the relationship of nursing theories to nursing informatics.
2. Understand and analyze hospital information systems and patient information systems.
3. Evaluate the impact of nursing informatics upon nursing practice, education and research.
5. Understand and articulate the ethical and legal issues associated with health informatics.
6. Articulate the possible impact and future of nursing informatics

MODULE OBJECTIVES: Please see Blackboard for the module learning objectives that are mapped to the course learning objectives.

REQUIRED TEXTS AND RESOURCES:
• Additional readings, videos, and case studies will be used throughout the course.

Email communication should occur through Blackboard or the TAMU-Corpus Christi email system. Students should review email at least once every 24 hours. The instructor will respond to weekday emails within 24 hours. Weekend and holiday emails will be answered on the next business day.

Guidelines for Written Assignments
• APA Editorial Style: Unless otherwise instructed, you should use the APA Publication Manual, 6th or 7th edition as a reference for formatting and organizing written assignments. Assume all required papers are scholarly products and, as such, should adhere to APA scholarly report guidelines. NOTE: We are phrasing in the 7th edition – there are online resources available to help with the transition.
- **Grading Rubrics:** Discussions, presentations, papers, and other assignments will have instructions and grading rubrics available in Blackboard. Be sure to review these documents carefully when planning, formatting, writing, and submitting your assignments.

**Participation:** Students are responsible for active participation on the Blackboard site for the course. This will require students to log on to the site frequently, and to complete all assignments. Communication via TAMUCC e-mail and discussion boards. If you experience difficulties with Blackboard please contact the TAMUCC Help Desk.

**Late Work:** All assignments are due on the scheduled date. Students should review the course calendar throughout the semester to ensure that class assignments are completed correctly and by the due date. Please be proactive. Contact your professor ahead of time if you identify a potential problem with on-time assignment submission. Last minute illness or emergencies: it is better to submit your partial assignment and notify your instructor than to not submit at all. Work submitted late will be subject to a 5-point deduction per day; a grade of zero will be given on submissions after 1 week.

**Academic Integrity/Plagiarism:** University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, multiple submission, collusion, falsification, forgery, complicity or plagiarism. Plagiarism is the presentation of the work of another as one’s own work. Collusion is helping or attempting to help another to commit and act of academic dishonesty. In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in report a zero and report to the Academic Integrity Committee.

**Dropping a Class:** We hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with your academic advisor, the Financial Aid Office, and your course professors, before you decide to drop this course. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class.

**Online and Face to Face Classroom/Professional Behavior:** Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

**Statement of Civility:** Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high-quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified,
respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

Grading Criteria

The grading scale for the College of Nursing and Health Sciences is:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
</tr>
<tr>
<td>B</td>
<td>83-89</td>
</tr>
<tr>
<td>C</td>
<td>75-82</td>
</tr>
<tr>
<td>D</td>
<td>67-74</td>
</tr>
<tr>
<td>F</td>
<td>below 67</td>
</tr>
</tbody>
</table>

To pass this course and progress, the student must obtain a grade of at least 75% (C).

Grade Breakdown for this class

<table>
<thead>
<tr>
<th>Learning Activity</th>
<th>#</th>
<th>% of final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussions</td>
<td>Four</td>
<td>30%</td>
</tr>
<tr>
<td>Module Quizzes</td>
<td>Four</td>
<td>25%</td>
</tr>
<tr>
<td>Assignments</td>
<td>Two</td>
<td>20%</td>
</tr>
<tr>
<td>Presentation to Group</td>
<td>One</td>
<td>20%</td>
</tr>
<tr>
<td>Participation</td>
<td>Multiple</td>
<td>5%</td>
</tr>
</tbody>
</table>

Course Topics by Module

<table>
<thead>
<tr>
<th>Module</th>
<th>Weeks</th>
<th>Topics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1-2</td>
<td>• Foundational Information in Health Informatics</td>
</tr>
<tr>
<td>2</td>
<td>3-6</td>
<td>• Information Systems and Applications for the Delivery of Healthcare</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Managing the Life Cycle of a Health Information System</td>
</tr>
<tr>
<td>3</td>
<td>7-10</td>
<td>• Participatory Healthcare Informatics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• User Experience, Standards, Safety, and Analytics in Health Informatics</td>
</tr>
<tr>
<td>4</td>
<td>11-14</td>
<td>• Governance structures, Legal, and Regulatory Issues in Health Informatics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Historical Implications, and Future Directions in Health Informatics</td>
</tr>
</tbody>
</table>

Course Policies

a. Grade Appeals: As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at
b. Computer Skills and Digital Information Literacy Skills: The program is delivered primarily through computer technology. Various teaching/learning practices designed for the adult learner have been adapted through instructional technology principles for delivery through an Internet based process. Clinical laboratories provide students with experiences that help the professional nurse make the transition to the advanced practice role. Students are required to have computers and access to the Internet in order to communicate with faculty and each other. All students must have email accounts. A toll-free number is available for phone contacts with instructors. In clinical courses, full-time faculty members are paired with clinical faculty and share clinical supervision responsibilities. Students may be required to come to campus to attend group activities or to work with faculty members to complete course requirements. Required campus activities will be announced to students in a timely manner so their work schedules can be accommodated.

c. Expectations of Prerequisite Knowledge: In order to progress, students must meet prerequisites for individual courses. Course prerequisites are based on sequencing of course content. Students who do not meet these requirements risk not successfully completing a course or slowing the course progression. Prerequisites are periodically reviewed by the faculty and modified based on academic integrity. Safe practice is a basic component of many policies and is integral to practice.

d. Disabilities Accommodation: The Americans with Disabilities Act (ADA) is a federal ant_discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

e. Active Military Duty: Active duty military personnel, military spouses, and veterans with special circumstances (e.g.: deployment, drill requirements, disabilities) are welcome and encouraged to communicate these, in advance if possible, to the course and clinical instructor.

f. Support Services: Students are encouraged to seek faculty assistance in accessing University Services, including tutoring, health services, personal counseling, degree counseling, financial aid, learning resources, job/work placement, career guidance, and computer/technical support/instruction. If a student is interested in other support services provided by the University, the student is encouraged by the College of Nursing and Health Sciences and the University to seek these services.

g. Statement of Academic Continuity: In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue using Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e.,
emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus.

NETIQUETTE

- **Student-to-Student Etiquette:** Academic Discourse encompasses the process of using open dialogue to facilitate a high level of communication in the academic setting. It is a tool to convey thoughts and opinions and influences the formation of your professional views in the field of nursing. It is an expectation of the course that students will adhere to the following values when conducting written correspondence online whether through email, course mail, bulletin board postings, assignments, or any other collaborative written work.
  - **Respect:** Each student’s viewpoint is valued as an opinion. If a response is perceived as offensive, seek clarification first. Ask yourself if you would be comfortable saying in person what you have written online.
  - **Confidentiality:** Use appropriate discretion when discussing topics online. Think twice before using the names of children, teachers, and/or colleagues. Do not use names of people or names of facilities when sharing your experiences.

- **Student-to-Instructor Etiquette:** Papers should be submitted in a timely manner. If a problem arises that precludes timely submission, the instructor must be notified in writing preferably at least 24 hours prior to the deadline or as soon as possible. Concerns about a course assignment should be discussed directly with faculty in a prompt and professional manner.

- **Instructor-to-Student Etiquette:** Emails will be answered within a 48-hour timeframe, excluding weekends and holidays. Appointments may be set for phone or video conversations with 24 hours prior notice. Assignments will be graded and returned within 14 days of submission. Emails and phone messages will not be returned on weekends or holidays, unless in emergent circumstances.