ALL INFORMATION IN THIS SYLLABUS IS SUBJECT TO THE WRITTEN POLICIES AND PROCEDURES OF THE SCHOOL OF NURSING, STEPHEN F. AUSTIN STATE UNIVERSITY, NACOGDOCHES, TEXAS.

IN THE CASE OF COMMISSION, OMISSION, AMBIGUITY, VAGUENESS, OR CONFLICT, THE POLICIES AND PROCEDURES OF THE SCHOOL OF NURSING SHALL CONTROL.

EACH STUDENT SHALL BE RESPONSIBLE FOR ACTUAL AND/OR CONSTRUCTIVE KNOWLEDGE OF THE POLICIES AND PROCEDURES OF THE SCHOOL OF NURSING AND FOR COMPLIANCE THEREWITH.

THE STUDENT IS RESPONSIBLE FOR ALL INFORMATION IN THIS SYLLABUS.

This syllabus is provided for information purposes only.
Faculty Contact Information:
Name: Alyson Young MSN, RN, CCRN-K
Department: Nursing
Email: Alyson.young@sfasu.edu
Phone: Cell phone available in Brightspace
Office Hours: Please email or call for an appointment.

Class meeting time and place
This is an online course. No face-to-face meetings will be required.

Required Textbooks and Materials

Technology Requirements
All students are required to have access to a laptop or desktop computer for academic and testing purposes. Please find the complete list of technology requirements here:
https://www.sfasu.edu/docs/nursing/technology-requirements.pdf

For questions regarding laptop hardware or software, please contact The SFA Help Desk at https://help.sfasu.edu/TDClient/2027/Portal/Home/ or 936-468-HELP.

Course Description
Nursing informatics is the foundation for the improvement of nursing practice and patient outcomes. The application of knowledge and understanding of the history and terminology of nursing informatics impact the promotion of nursing professionalism in patient care and safety.

Credit Hour Justification
(3 credits; fully online course) This online course typically meets an average of 3 hours per week in a 15-week period. The required reading and module content is designed to meet the course objectives and facilitate mastery of the nursing informatics. Students are expected to participate in frequent discussion board assignments, reflective journals, and an informatics project presentation.

Course Prerequisites
Permission of the DeWitt School of Nursing

End-of-Program Learning Outcomes
Graduates of the program will:
1. Apply knowledge of the physical, social, and behavioral sciences in the provision of nursing care based on theory and evidence-based practice.
2. Deliver nursing care within established legal and ethical parameters in collaboration with clients and members of the interdisciplinary health care team.
3. Provide holistic nursing care to clients while respecting individual and cultural diversity.
4. Demonstrate effective leadership that fosters independent thinking, use of informatics, and collaborative communication in the management of nursing care.
5. Assure responsibility and accountability for quality improvement and delivery of safe and effective nursing care.
6. Serve as an advocate for clients and for the profession of nursing.
7. Value continuing competence, growth, and development in the profession of nursing.

General Education Core Curriculum Objectives/Outcomes
None

Course Student Learning Outcomes
1. Relate concepts and principles of the arts, sciences, humanities, and nursing to the area of nursing informatics.
2. Demonstrate responsibility and accountability using consistent behavior patterns and professional communication.
3. Analyze the role and impact of nursing informatics regarding patient outcomes in the healthcare system.
4. Identify the importance of interdisciplinary collaboration in the utilization of nursing informatics.
5. Evaluate evidence-based research regarding nursing informatics.
6. Determine legal and ethical ramifications of nursing informatics.
7. Analyze the latest trends in the use of informatics in healthcare.
8. Analyze continuity planning in relation to disasters.

Differentiated Essential Competencies (DECs)
The Richard and Lucille DeWitt School of Nursing prepares graduates to demonstrate the Differentiated Essential Competencies of Graduates of Texas Nursing Programs Evidenced by Knowledge, Clinical Judgments, and Behaviors (DECs). The competencies are based upon the preparation in the program of study. In nursing education, the DECs serve as a guideline and tool for curriculum development and revision, a tool for benchmarking and evaluation of the program, and statewide standard to ensure graduates will enter practice as safe and competent nurses. The DECs are incorporated into every course in the SON to ensure uniformity and continuity of standards.

Please refer to the Texas BON website for additional information
https://www.bon.texas.gov/pdfs/differentiated_essential_competencies-2010.pdf

Unit Objectives
Module 1: Foundation of Informatics
1. Examine the development of health care informatics and its significance to nursing practice.
2. Describe the sources of medical errors.
3. Discuss the methods of communication and data flow within healthcare systems.
4. Examine key concepts surrounding how standardization of data and terminology in health information exchanges improves interoperability.

Module 2: Information Systems and Applications
1. Differentiate between an electronic health record and electronic medical record.
2. Summarize the benefits of EHR use related to cost, access, quality, and safety of care delivery.
3. Discuss challenges associated with EHR use in a technology enabled healthcare environment.
4. Analyze the impact of downtime and disaster recovery in health information systems.

Module 3: Decision-Making and the Digitally Engaged Patient

1. Identify potential contributions and challenges associated with social media in health care informatics.
2. Analyze the impact of telehealth on healthcare.
3. Outline how COVID-19 illuminated the need to increase inclusivity, equity, and diversity in digital health engagement.
4. Describe key components of digital health’s evolution over time.
5. Describe key components of personal health records (PHRs).

Module 4: Healthcare Informatics: Safety, Legal, and Regulatory Issues

1. Describe federal efforts to improve patient safety and quality.
2. Identify potential contributions and challenges associated with privacy and security in health care informatics.
3. Assess the associated legal issues for health informatics.
4. Explain the difference between laws, regulations, and sub-regulatory guidance.
5. Reflect on the contributions of Meaningful Use in health care while analyzing the advantages and barriers to successful implementation.

Module 5: Powerpoint Presentation

1. Analyze and present the impact of quality and safety initiatives for informatics specific to nursing and bar code medication administration.

Module 6: Health Policy and Health Informatics

1. Discuss the major regulations that affect health informatics policies.
2. Describe why health informatics governance is needed.

COURSE REQUIREMENTS

Grading Policy
EVALUATION and GRADING CRITERIA
It is necessary to obtain a weighted mean test score of 75 in the class exam grades to pass this course. A weighted mean test score below 75 or a class average below 75 constitutes failure and will result in a grade of “F” on the transcript.

Policy 1.7:
1. Rounding is confined to the final course grade. Grades on individual exams (including comprehensive or HESI), assignments, quizzes, and projects are recorded in the gradebook in their original form without rounding.

2. Final course grades are rounded to the closest whole number using the 0.5 math rule and using one decimal point to the right of the whole number. If the final course grade is not a whole number, the following rounding rules apply:
   a. If the decimal attached to a whole number is 0.5 or greater, then round up to the next whole number (equal to or greater than 85.50 = 86)
   b. If the decimal attached to a whole number is less than 0.5, then round down to the previous whole number (equal to or less than 85.49 = 85).

**BSN and RN-BSN GRADING SCALE:**
90-100 = A
80-89 = B
75-79 = C
Less than 75 = F

Evaluation is based on achievement of the course objectives and requirements. Evaluation strategies include appropriate and completed assignments as listed below.

<table>
<thead>
<tr>
<th>Assignment</th>
<th>% of Grade</th>
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<tbody>
<tr>
<td>Discussion Board Activities (2)</td>
<td>30%</td>
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<tr>
<td>Reflective Short Paper</td>
<td>25%</td>
</tr>
<tr>
<td>Infographic</td>
<td>20%</td>
</tr>
<tr>
<td>Final Project (Presentation)</td>
<td>25%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

Failure of this course counts as a nursing course failure and applies to the retention and progression policy of the DeWitt School of Nursing.

**Course Attendance**
This is an online course and all assignments are due according to the course calendar. Students are expected to communicate with faculty and keep faculty apprised of course progress, as well as if any difficulties are encountered with meeting course requirements. Late submission of assignments will result in ten percentage point deduction per day. Assignments will not be accepted after five days unless approved by instructor.

Students enrolled in this course are expected to be self-directed in their learning and to be prepared for learning activities using prior knowledge. Faculty will serve as a resource. Evaluation methods include faculty analysis of course work assignments.

**Course Assignments**
The final grade is comprised of success on several assignments as listed below. Assignments are due by the date and time listed on the course calendar.

**Discussion Posts**
Students will participate in discussion board posts and responses. For further instructions, see Brightspace and the Discussion Board Rubric.

**Reflective Short Paper**
Students will write a reflective short paper as assigned. See the grading rubric and instructions in Brightspace for details.

**Social Media Infographic**
Students will develop an infographic. See the grading rubric and instructions in Brightspace for details.

**Project- Presentation**
Students will develop a scholarly presentation related to barcode medication administration and nursing informatics. See the grading rubric and instructions in Brightspace for details.

**Acceptable Student Behavior**
This is an online class and behavior should not interfere with student’s abilities to complete assignments or learn from the instructional program. Students are expected to abide by the SFASU Student Code of Conduct ([https://www.sfasu.edu/docs/policies/10.4.pdf](https://www.sfasu.edu/docs/policies/10.4.pdf)). Please check Brightspace regularly for course updates. Students who do not check Brightspace regularly or who perform poorly on class projects/exams may be referred to the Early Alert Program. This program provides students with recommendations for resources or other assistance that is available to help SFA students succeed.

**Evaluations**
At the end of the semester, please complete the Student Evaluation of Course, Course Instructors, and SFA Clinical Instructors. You should also complete evaluations of clinical sites and/or preceptors after you finish those experiences. Please follow instructions from emails received regarding evaluations. Your feedback is very valuable to us and for quality improvement.

**Brightspace**
Students must have the required computer access and programs to support the on-line course through SFASU Brightspace.

Logging in: To access Brightspace, visit the following URL, and log in using your mySFA username and password

http://d2l.sfasu.edu

**What are the technical requirements to use the system?**
You can use any web browser you wish, but Google Chrome or Mozilla Firefox are recommended. Internet Explorer will no longer be supported.
How do I get technical help?
Help for students is available online through http://www.sfasu.edu/sfaonline/ just look for the tab called “Tech Support & Resources.” Students can also get help by phone by calling 468-1919 or by emailing d2l@sfasu.edu

Academic Integrity
Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/4.1-student-academic-dishonesty.pdf

Self-Plagiarism
As a student, self-plagiarism is the presentation of your own previously completed work as an original and is considered unethical (APA,2021). In specific circumstances, students may wish to duplicate their written work; however, appropriate notation of previous work is required. Normally, if one is repeating a course in the nursing program and the student previously successfully completed the assignment, but is required to complete the assignment again as part of the course work, the vast majority of the assignment should constitute new work of the student. If the student needs to add a small segment of the work into any assignment, it should be noted in the new document. For example, "As discussed in the Spring 2021 assignment XYZ, COVID-19 vaccinations are essential for promoting public health (Name, 2021)." This clearly identifies the student's intent to point the reader to the previous document.

Reference:

Withheld Grades University Policy (5.5)
At the discretion of the instructor of record and with the approval of the academic unit head, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the
end of the semester in which they receive a WH, or the grade automatically becomes an F, except as allowed through policy [i.e., Active Military Service (6.14)]. If students register for the same course in future semesters, the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

The circumstances precipitating the request must have occurred after the last day in which a student could withdraw from a course. Students requesting a WH must be passing the course with a minimum projected grade of C.

**Students with Disabilities**
To obtain disability related accommodations, alternate formats, and/or auxiliary aids, students with disabilities must contact Disability Services, Human Services Building, Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, Disability Services will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to [http://www.sfasu.edu/disabilityservices/](http://www.sfasu.edu/disabilityservices/).

**DeWitt School of Nursing Policies**
To access the SON’s student policies, follow this link: [http://www.sfasu.edu/academics/colleges/sciences-math/nursing/student-resources/student-policies](http://www.sfasu.edu/academics/colleges/sciences-math/nursing/student-resources/student-policies)

**Mental Health Statement**
SFASU values students' mental health and the role it plays in academic and overall student success. SF A provides a variety of resources to support student's mental health and wellness. Many of these resources are free, and all of them are confidential.

On-campus Resources:
SF ASU Counseling Services
www.sfasu.edu/counselingservices
Health and Wellness Hub (corner of E. College and Raguet)
936-468-2401

SFASU Human Services Counseling Clinic
www.sfasu.edu/humanservices/139.asp
Human Services Room 202
936-468-1041

Crisis Resources:
Burke 24-hour crisis line 1(800) 392-8343
Suicide Prevention Lifeline 1(800) 273-TALK (8255)
Crisis Text Line: Text HELLO to 741-741
<table>
<thead>
<tr>
<th>WEEK</th>
<th>CONTENT/ MODULE</th>
<th>ASSIGNMENTS and DUE DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1 (May 30-June 4)</td>
<td>Getting Started Module 1: Foundation of Informatics Module 2: Information Systems and Applications</td>
<td>• Module 1/2 Discussion due 6/4 @ 2359</td>
</tr>
<tr>
<td>Week 2 (June 5-11)</td>
<td>Module 3: Decision Making and the Digitally Engaged Patient</td>
<td>• Infographic due 6/11 @ 2359</td>
</tr>
<tr>
<td>Week 3 (June 12-18)</td>
<td>Module 4: Safety, Legal, and Regulatory Issues</td>
<td>• Module 4 Discussion due 6/18 @ 2359</td>
</tr>
<tr>
<td>Week 4 (June 19-25)</td>
<td>Module 5: BCMA Powerpoint Presentation</td>
<td>• Powerpoint Project due 6/25 @ 2359</td>
</tr>
<tr>
<td>Week 5 (June 26-30)</td>
<td>Module 6: Health Policy and Health Informatics</td>
<td>• Reflection Short Paper due 6/29 @ 2359</td>
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