| **PROFESSOR:** |  |
| --- | --- |
| **OFFICE LOCATION:** |  |
| **OFFICE HOURS:** |  |
| **PHONE NUMBER:** |  |
| **E-MAIL:** |  |
| **SEMESTER:** |  |
| **DELIVERY METHOD:** |  |

# COURSE NUMBER AND TITLE, CATALOG DESCRIPTION, CREDITS:

## NUR 3870 Informatics for the Health Professional (3 Credits)

This course focuses on information technology and systems that support healthcare decision making and contemporary professional nursing practice. Information technology topics covered include nursing informatics competencies, web-based applications for healthcare, professional and consumer healthcare web resources, use of internet based research databases, evaluation of healthcare web sites, electronic health records, and protection of healthcare and personal data. Emphasis is placed on the integration of information technologies into professional practice based on research and evidence.

This course should be taken within the first nine (9) credits in the program.

## PREREQUISITES FOR THIS COURSE:

Acceptance into the RN to BSN Program. Current valid, unencumbered, and unrestricted RN license.

### CO-REQUISITES FOR THIS COURSE:

None

## GENERAL COURSE INFORMATION:

Topic Outline

Nursing Informatics – Role and Competencies

Ethical & legal issues in Informatics – Patient and Professional

Healthcare Informatics- clinical systems design, selection and implementation

Electronic Health Records, Electronic Medical Records & Clinical Decisions Systems

Use of Information Technology for Patient Safety and Privacy Protection

Information literacy as a professional and consumer of health information, Web site evaluation

Innovative Application of Healthcare Information technology – Consumer and professional health applications, telehealth, virtual hospital units

Research – finding data in the information age

## ALL COURSES AT FLORIDA SOUTHWESTERN STATE COLLEGE CONTRIBUTE TO THE GENERAL EDUCATION PROGRAM BY MEETING ONE OR MORE OF THE FOLLOWING GENERAL EDUCATION COMPETENCIES:

**C**ommunicate clearly in a variety of modes and media.

**R**esearch and examine academic and non-academic information, resources, and evidence.

**E**valuate and utilize mathematical principles, technology, scientific and quantitative data.

**A**nalyze and create individual and collaborative works of art, literature, and performance.

**T**hink critically about questions to yield meaning and value.

**I**nvestigate and engage in the transdisciplinary applications of research, learning, and knowledge.

**V**isualize and engage the world from different historical, social, religious, and cultural approaches.

**E**ngage meanings of active citizenship in one’s community, nation, and the world.

A. General Education Competencies and Course Outcomes

1. Listed here are the course outcomes/objectives assessed in this course which play an integral part in contributing to the student’s general education along with the general education competency it supports.

General Education Competency: Think

Course Outcomes or Objectives Supporting the General Education Competency Selected:

Evaluate data from relevant sources including technology to inform delivery of nursing care.

Assess and discuss the accuracy of healthcare consumer information and nursing knowledge available on the internet and its impact in today’s healthcare environment

Compare and Contrast varied information technology utilized in healthcare and their application in providing care to patients, families, and populations in a variety of settings.

General Education Competency: Investigate

Course Outcomes or Objectives Supporting the General Education Competency Selected:

Discuss how redesign of workflow and care processes need to precede implementation of technology to facilitate nursing practice.

Compare and contrast the role of the professional nurse in the development, selection, and utilization of electronic health records, electronic medical records, clinical decision support systems, computer physician order entry systems, and other information.B. Other Course Objectives/Standard

NUR 3870 INFORMATICS FOR HEALTHCARE PROFESSIONALS

END OF PROGRAM STUDENT LEARNING OUTCOMES COURSE OUTCOMES

1. Synthesize knowledge from nursing and the physical, behavioral, psychological and social sciences, and the humanities in the practice of professional nursing. Evaluate data from relevant sources including technology to inform the delivery of nursing care.

2. Integrate global health and health care, its relevant issues and policies as they relate to professional nursing practice. Evaluate data from relevant sources including technology to inform the delivery of nursing care.

Assess and discuss the accuracy of healthcare consumer information and nursing knowledge available on the internet and its impact in today’s healthcare environment.

3. Evaluate research in the exploration of the spectrum of health within the framework of evidence-based practice. Evaluate data from relevant sources including technology to inform the delivery of nursing care.

Assess and discuss the accuracy of healthcare consumer information and nursing knowledge available on the internet and its impact in today’s healthcare environment.

Compare and contrast the role of the professional nurse in the development, selection and utilization of electronic health records, electronic medical records, clinical decision support systems, computer physician order entry systems, and other information

4. Synthesize standards of professional practice and care. Appraise both ethical and legal standards related to data security, regulatory requirements, confidentiality and client’s right to privacy.

Discuss the role of information technology in improving patient care outcomes and creating a safe environment

5. Articulate the role of the professional nurse within inter-professional teams. Discuss the role of information technology in improving patient care outcomes and creating a safe environment.

Compare and contrast varied information technology utilized in healthcare and their application in providing care to patients, families, and populations in a variety of settings.

Discuss how redesign of workflow and care processes need to precede implementation of technology to facilitate nursing practice.

Compare and contrast the role of the professional nurse in the development, selection and utilization of electronic health records, electronic medical records, clinical decision support systems, computer physician order entry systems, and other information

6. Analyze current and changing health care information technologies and systems Evaluate data from relevant sources including technology to inform the delivery of nursing care.

Compare and contrast varied information technology utilized in healthcare and their application in providing care to patients, families, and populations in a variety of settings.

Compare and contrast the role of the professional nurse in the development, selection and utilization of electronic health records, electronic medical records, clinical decision support systems, computer physician order entry systems, and other information

7. Summarize the components of leadership and followership in professional nursing practice. Discuss how redesign of workflow and care processes need to precede implementation of technology to facilitate nursing practice.

8. Interpret the social responsibility of the nursing profession in the development and implementation of health care policy. Appraise both ethical and legal standards related to data security, regulatory requirements, confidentiality and client’s right to privacy.

Discuss the role of information technology in improving patient care outcomes and creating a safe environment

## DISTRICT-WIDE POLICIES:

### PROGRAMS FOR STUDENTS WITH DISABILITIES

Florida SouthWestern 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 that their academic performance is affected by a disability should contact the Office of Adaptive Services at the nearest campus. The office locations and telephone numbers for the Office of Adaptive Services at each campus can be found at <https://www.fsw.edu/adaptiveservices>.

### REPORTING TITLE IX VIOLATIONS

Florida SouthWestern State College, in accordance with Title IX and the Violence Against Women Act, has established a set of procedures for reporting and investigating Title IX violations including sexual misconduct. Students who need to report an incident or need to receive support regarding an incident should contact the Equity Officer at [equity@fsw.edu](mailto:equity@fsw.edu). Incoming students are encouraged to participate in the Sexual Violence Prevention training offered online. Additional information and resources can be found on the College’s website at <https://www.fsw.edu/sexualassault>.

## REQUIREMENTS FOR THE STUDENTS:

List specific course assessments such as class participation, tests, homework assignments, make-up procedures, etc.

## ATTENDANCE POLICY:

The professor’s specific policy concerning absence. (The College policy on attendance is in the Catalog and defers to the professor.)

## GRADING POLICY:

Include numerical ranges for letter grades; the following is a range commonly used by many faculty:

| **Grade Percent** | **Letter Grade** |
| --- | --- |
| 90 - 100 | A |
| 80 - 89 | B |
| 70 - 79 | C |
| 60 - 69 | D |
| Below 60 | F |

(Note: The “incomplete” grade [“I”] should be given only when unusual circumstances warrant. An “incomplete” is not a substitute for a “D,” “F,” or “W.” Refer to the policy on “incomplete grades.)

## REQUIRED COURSE MATERIALS:

(In correct bibliographic format.)

## RESERVED MATERIALS FOR THE COURSE:

Other special learning resources.

## CLASS SCHEDULE:

This section includes assignments for each class meeting or unit, along with scheduled Library activities and other scheduled support, including scheduled tests.

## ANY OTHER INFORMATION OR CLASS PROCEDURES OR POLICIES:

(Which would be useful to the students in the class.)