

SYLLABUS PART I
EDISON STATE COMMUNITY COLLEGE
NUR 430S INFORMATICS
3 CREDIT HOURS

COURSE DESCRIPTION

Focuses on the knowledge, skills, and attitudes needed to practice evidence-based, client-centered nursing. Competency areas include demonstrating knowledge related to quality improvement, safety, and informatics. Prerequisite: Department acceptance into the RN-BSN program is required.

COURSE GOALS

The student will:

Bloom's Level		Program Outcomes
3	1. Demonstrate an understanding of informatics and how the components relate to professional nursing.	1, 5
4	2. Analyze the benefits of nursing informatics as it pertains to client-centered care.	2, 3, 4
4	3. Examine barriers to the use of informatics and determine strategies to resolve them.	2
3	4. Explain the use of informatics as it pertains to current evidence-based practices within the nursing profession.	1, 3, 5
2	5. Discuss effective communication and collaboration skills as it pertains to the world of telehealth and informatics in today's healthcare system.	4
2	6. Discuss the role of informatics in promoting evidence-based practice in nursing.	5

CORE VALUES

The Core Values are a set of principles that guide in creating educational programs and environments at Edison State. They include communication, ethics, critical thinking, human diversity, inquiry/respect for learning, and interpersonal skills/teamwork. The goals, objectives, and activities in this course will introduce/reinforce these Core Values whenever appropriate.

TOPIC OUTLINE

1. Introduction to informatics
2. Health information management
3. Essential computer and software concepts
4. Basic computer network concepts
5. Social and professional networking
6. Spreadsheet software
7. PowerPoint presentations
8. Scholarly articles
9. Quality outcome assessment
10. Databases
11. Information literacy
12. Evidence-based research
13. Consumer informatics benefits
14. Nursing documentation in the electronic health records system
15. Design considerations

16. Quality measures with informatics
17. Telehealth evolving trends
18. Nursing education and informatics
19. Informatics in management and quality improvement
20. Legal and ethical issues related to technology and informatics