

APPROVED COURSE

This completely online, self-paced course is approved by the State of California Board of Registered Nursing for full CE credit; CE Provider No. CEP 14891. Most State & Country licencing Boards accept CE credit approved by other State Boards. It can be used for up to 50% of ANCC accreditation CE requirements

This course is personalized, self-paced and taken entirely online in the privacy of your own home or office.

CERTIFICATE

Upon completion, learners will receive a Board Approved Certificate of Completion for 5 CE credits in PDF format.

Nursing Informatics Learning Center

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NRPR 102: Human Factors in Informatics

 Credits: 5 CE hours

 Length: 2 modules

 Tuition: \$ 33 USD



Empowering Nurses for the 21st Century

OVERVIEW

This 2 module (5 CE credit) course introduces nurses to human factors essential to effective application of nursing informatics in practice.

Topics focus on the human factors of ergonomics, human-computer interaction, usability, learnability, memorability, likeability, readability, asepsis, and aesthetics .

OBJECTIVES - Learners will:

- Examine key principles of ergonomics relevant to the use of technology and computers in nursing practice.
- Analyze theory and research related to human-computer interfaces in the context of nursing.
- Recognize the importance of asepsis and client safety when using computers and other technologies at the point of care, especially at the client bedside.
- Recognize the importance of learnability, memorability, likeability, readability, and aesthetics in the design of human-computer interfaces.
- Examine key principles of usability relevant to the use of technology and computers in nursing practice.





More Details

All courses are done completely online in our learning management system, including all materials, activities, assessments, assignments and interactions. You will receive electronic copies of all course materials. When done your course, you will receive a digital certificate of completion.

This course can be done in an afternoon if you are motivated to learn. It consists of five pertinent readings, two journal assignments and a final exam.

ASSESSMENT

Learners are assessed for their work on a variety of content-driven assignments including:

- * Ergonomic s & Asepsis Journal
- * Usability Journal
- * Final Exam

NRPR 102 MODULES

Module 1:

Ergonomics and Asepsis .

Module 2

Human-computer interaction.

Ergonomics & Asepsis

Ergonomics, the effects of interfacing with technology, asepsis and residual effects on patient safety are all important components of nursing informatics.

To some extent, these topics are relevant to any regular computer or technology user, but nurses have a critical responsibility since vulnerable clients can be affected when computers/technology are used in the provision of nursing care.

It is critical that nurses who use technology in practice are cognizant of the potential impacts of technology and computers on both patients and themselves. .

Human-computer interaction

Human-computer interaction is an important concept to nurses for a variety of reasons. Essentially, this term relates to the design and creation of effective, usable, enjoyable experiences with

technology through interdisciplinary research in engineering, design, computer science, and the behavioral and social sciences, and understanding the impact of technology on individuals, groups, and organizations. In other words, it relates to the usability of a computer interface, be it a system used to record client care, or a web site on the internet. Basically, usability refers to how easy a computer interface is to use.



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