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 39 CE credits in PDF format.

Nursing Informatics Learning Center

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NRRS 105: Quantitative Research and Technology

👤 Credits: 39 CE hours

📅 Length: 13 modules

📃 Tuition: $199 USD

Empowering Nurses for the 21st Century

OVERVIEW

This 13 module (39 CE credit) course introduces nurses, scholars, leaders, and students to the theory and process of applying technology to quantitative nursing research: including software, virtual databases, proposal writing, online data collection and computer-assisted data analysis and dissemination.

Practice includes learning how to apply computer technology to every step of the quantitative research project from planning to analysis.

OBJECTIVES - Learners will:

- Apply theory related to technology in quantitative research planning, data collection & analysis, literature reviews, database formation, visuals, findings presentation and dissemination

- Explore the dynamics of planning quantitative research utilizing technology.

- Apply principles of confidentiality, privacy, probability, description, exploration, selection, design, reliability, validity, non-bias, randomness, and robustness to the quantitative research process.

- Explore the process of selecting various quantitative research designs

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- Explore the use of online environments for quantitative data collection.

- Practice utilizing software to analyze quantitative nursing research data.

- Plan a quantitative nursing research project proposal.

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.

ASSESSMENT

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

✳ Forums
✳ Worksheets
✳ Journals

✳ Quizzes
✳ Visual Displays
✳ Proposal Development

✳ Databases
✳ Project Planning
✳ Data Analysis

NRRS 105 MODULES

Module 1:
Use of Technology in Quantitative Research

Module 2
Overview of the Quantitative Research Process

Module 3:
Non-experimental research design

Module 4:
Quasi-experimental research design

Module 5:
Experimental research design

Module 6:
Ethics, Research Planning & computers

Module 7:
Data collections and databases

Module 8:
Quantitative research proposal development and planning

Module 9:
Web-based Survey development

Module 10:
Web-based data analysis

Module 11:
Data analysis software

Module 12:
Graphics, charts, tables in data collection and analysis

Module 13:
Polishing your proposal, funding options, budgets, collaboration

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