

# Using the Evidence to Develop a Course in Evidence-Based Practice

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# Overview of the project

Revision of an online undergraduate nursing research course:

- Incorporate evidence-based practice knowledge and skills
- Utilize current education research in online pedagogies and assessment approaches

# Evidence applied: adult learning

Learning-centered activities:

- Engagement/connection in community of learners
- Self-assessment
- Asynchronous discussions
- Peer critiques/peer teaching
- Authentic activities: learning & assessment

# Evidence-based practice content

- Basic research principles, including levels of evidence
- Formulation of searchable clinical questions
- Searching skills using databases: Medline, CINAHL, AHRQ, Cochrane
- Critical appraisal of single studies, evidence summaries, and clinical practice guidelines for potential application

# Outcomes

Students demonstrated ability to:

- Formulate PICO's
- Search databases with own clinical questions
- Critically appraise evidence for application to own practice settings

Student satisfaction—very positive about:

- Relevance of course content
- New skills acquired
- Quality of learning
- Format of asynchronous online course