

Course Number and Program	Course Objectives/Student Learning Outcomes	Sample Student Projects	Evaluation Criteria										
<p>Bachelor's Level Course NURS 405: Research and Evidence for Best Practice (3,0,3)</p>	<p>Upon completion of this course, the student should be able to:</p> <ul style="list-style-type: none"> • Describe the importance of nursing research and evidence-based practice and how they expand knowledge in nursing and health. • Define the variety of roles nurses may assume in the research process. • Describe the elements of ethical nursing research. • Examine the elements of the research process in studies relevant to nursing. • Demonstrate the use of technology and the library in accessing and retrieving research-based information. • Describe qualitative and quantitative approaches to scientific inquiry. • Differentiate research designs, methods, tools, and statistics that have utility in nursing research. 	<ul style="list-style-type: none"> • Feverish Illness in Children: Assessment and Initial Management in Children Younger than 5 Years Using the Traffic Light System and Antipyretics • Preventing Central Line-Associated Bloodstream Infections in the Pediatric Population • Nursing Education • Confidentiality in Adolescent Health Care • Vaginal Birth after Cesarean Delivery Availability to More Women • Planned Home Births • Sleep Promotion in Children with Mental Health Diagnoses • Prevention of Positional Plagiocephaly through Caregiver Education • Automated External Defibrillators in the School System • To Cut or Not to Cut: A Study on Elective Circumcision • Obstetric Blood Loss Quantification 	<p>Methods of Evaluation:</p> <table border="0"> <tr> <td>Exam I</td> <td style="text-align: right;">25%</td> </tr> <tr> <td>Exam II</td> <td style="text-align: right;">25%</td> </tr> <tr> <td>Final</td> <td style="text-align: right;">30%</td> </tr> <tr> <td>Literature Synthesis Project</td> <td style="text-align: right;">10%</td> </tr> <tr> <td>In-class activities, homework, computer based learning activities</td> <td style="text-align: right;">10%</td> </tr> </table>	Exam I	25%	Exam II	25%	Final	30%	Literature Synthesis Project	10%	In-class activities, homework, computer based learning activities	10%
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	<ul style="list-style-type: none"> • Critique quantitative and qualitative nursing research studies. • Appraise nursing research studies for their utility in nursing practice. • Participate in the process of dissemination of research findings. 	<ul style="list-style-type: none"> • Fetal Heart Monitoring • The Role of School Nursing in Telehealth 											
<p>Master’s Level Course NURS 502: Generating Evidence for Best Practice</p>	<p>Upon completion of the course the student will:</p> <ul style="list-style-type: none"> • Analyze the interrelationships among the research process, evidence based practice, and quality improvement. • Use ethical guidelines and federal regulations to protect human participants in the process of scholarly inquiry • Demonstrate use of evidence based processes to investigate a healthcare delivery issue. • Evaluate outcome data using current technologies, information systems, and statistical principles to develop strategies to reduce risks and improve health outcomes. 	<ul style="list-style-type: none"> • The effect of warfarin vs Xarelto on recurrent venous thromboembolism • The impact on the number of asthma exacerbations and ER visits when parents use smartphone applications compared to those who do not use smartphone applications • The effect of probiotic therapy compared to clindamycin in reducing the incidence of C. Difficile for patients under the age of 5 years 	<p>Methods of Evaluation:</p> <table> <tr> <td>Critical Appraisal</td> <td>20%</td> </tr> <tr> <td>Proposal/Prospectus</td> <td>50%</td> </tr> <tr> <td>Required Assignments</td> <td>20%</td> </tr> <tr> <td>Quality Improvement Paper</td> <td>10%</td> </tr> <tr> <td>Human Subject Protection Certificate</td> <td>S/U</td> </tr> </table>	Critical Appraisal	20%	Proposal/Prospectus	50%	Required Assignments	20%	Quality Improvement Paper	10%	Human Subject Protection Certificate	S/U
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<p>Doctoral Course NURS 804: Clinical Scholarship and Analytic Methods for Evidence Based Practice</p>	<p>Upon completion of the course the student will be able to:</p> <ul style="list-style-type: none"> Analyze the usefulness of various research designs to collect relevant and accurate data to generate evidence for nursing practice. Differentiate among various types of quantitative study designs. Discuss relationships among study design, data collection methods and data analysis. Compare the effectiveness of various designs for controlling extraneous variables in research and continuous quality improvement studies. Evaluate the relationship between data quality and instrumentation. Critique research study designs in the literature related to a specific advanced practice context. 	<ul style="list-style-type: none"> Implementation of a practice change supported by evidence-based interventions that can significantly increase patients' satisfaction with healthcare as measured by domains of the Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) The impact of implementation of the Endocrine Society's 2012 guidelines for screening of men at risk for bone loss on the use of DEXA scans and the diagnosis of low bone density in men. The effect of educational interventions on percentage of accurate PEWS scores over six months compared to percentage of accurate PEWS scores prior to educational interventions in patients age 10 to 16 years. 	<p>Methods of Evaluation:</p> <table> <tr> <td>Research Critique Assignments</td> <td>30%</td> </tr> <tr> <td>Significance Statement and PICOT</td> <td>20%</td> </tr> <tr> <td>Database Query Assignment</td> <td>10%</td> </tr> <tr> <td>Dissemination</td> <td>10%</td> </tr> <tr> <td>Human Subjects Protection</td> <td>5%</td> </tr> <tr> <td>Methods Paper</td> <td>50%</td> </tr> </table>	Research Critique Assignments	30%	Significance Statement and PICOT	20%	Database Query Assignment	10%	Dissemination	10%	Human Subjects Protection	5%	Methods Paper	50%
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