COURSE NUMBER: NUR 8001 (UT 7010)

COURSE TITLE: Scientific Basis of Nursing Practice

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: This course examines nursing science from a broad range of perspectives. The emphasis is on identification and analysis of nursing phenomena, use of nursing science to manage phenomena, and evaluation of outcomes.

CREDIT ALLOCATION: 3 Sem Hrs

COURSE OBJECTIVES:
1. Identify the philosophical and ethical foundations of nursing science.
2. Evaluate critical thinking demonstrated in current nursing literature.
3. Analyze the impact of health related phenomena on health care needs.
4. Analyze theoretical foundations of nursing care.
5. Identify ways to reduce or remove barriers to implementation of nursing care.
6. Identify evaluation strategies appropriate for population based nursing care.
7. Describe the DNP nursing role in the delivery and evaluation of health care and in relation to other levels of educational preparation for nurses.

TOPICAL OUTLINE
- Philosophical issues in the development of nursing science (origins of knowledge, philosophical schools of thought, history of nursing science, nursing as a discipline)
- Ethical issues in the development of nursing science (ethical perspectives; ethics, morality & nursing; ethical knowledge; process of ethical knowledge development in nursing; understanding self)
- Critical thinking in nursing science (perspective on critical thinking, inductive and deductive reasoning, evaluating arguments; critical thinking in quantitative & qualitative research)
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- Identification of phenomena (the empirical basis for health-related phenomena; concept identification, definition & description; literature review & synthesis)
- The impact of selected health related phenomena on population health & health care delivery systems
- Identification of hypothetical propositions (concept linking; proposition identification; critical analysis of evidence; articulation of a persuasive argument)
- Theoretical foundations (theory analysis, selection of a theoretical framework; middle-range theory and nursing practice)
- Application of theory to practice (theory based nursing interventions; political and organizational issues impacting nursing actions)
- The role of the DNP-prepared practitioner and educator
- Blending art & science (the aesthetics of nursing; creating coherent & meaningful transformations of phenomena; cultural and professional issues impacting nursing actions)
- Evaluation of nursing actions (the relationship between objectives and outcomes; methods of outcome evaluation; program evaluation; quality improvement)
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DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8004 (UT 7020)

COURSE TITLE: Organizational and Systems Leadership in Health Care

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: Examines application of organizational and leadership theories/strategies to assess process/outcomes in complex practice settings, health care organizations, and communities with a focus on the APN role in analyzing clinical patterns and issues.

CREDIT ALLOCATION: 3 Sem Hrs (includes 40 hours of clinical)

COURSE OBJECTIVES:
1. Evaluate the major organizational, management, and leadership theories that are useful in health care organizations.
2. Compare the strengths and limitations of current models of health and nursing care delivery.
3. Analyze the principles and characteristics of strategic planning in health care organizations.
4. Develop models and strategies that are used to facilitate effective organizational change.
5. Analyze the influences of finances on organization health care delivery.
6. Identify ethical and legal considerations that affect organizational goal setting and behavior.
7. Implement an organizational assessment of process and outcomes in a health care practice setting, organization, or community, with an action plan for improvement.
8. Establishes the DNP nurse’s role in systems leadership and effective use of communication in leading a health care team.
9. Analyze ethical, legal, economic, political, social, technological, and environmental issues during inter-professional collaboration.

TOPICAL OUTLINE
- Organizational theory
- Management theory, project management
- Leadership theory
DOCTOR OF NURSING PRACTICE PROGRAM

- Models and strategies of inter-professional collaboration
- Organizational structure, decision making & delegation
- Models of health and nursing care delivery
- Strategic planning and goal setting
- Organizational assessment
- Organizational performance and outcomes indicators
- Change theories (Systems, chaos, complexity)
- Budgeting and cost-effectiveness, cost-benefit, and cost utility analysis
- DNP role in organizational leadership and inter-professional collaboration
COURSE NUMBER: NUR 8007 (UT 7030)

COURSE TITLE: Quality Management and Performance Improvement in Health Care Organizations

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: Examines principles and practice of quality management in health care delivery, clinical performance outcomes, patient safety and improving quality of care focusing on the role of APNs working with a collaborative team.

CREDIT ALLOCATION: 3 Sem Hrs (includes 40 hours of clinical)

COURSE OBJECTIVES:
1. Compare models of performance improvement used in health care organizations.
2. Examine major external regulatory and quality standards applied to a variety of health care delivery systems.
3. Identify major strategies for organizational risk assessment and management.
4. Demonstrate how clinical indicators, financial indicators, and benchmarking are used to improve health care delivery.
5. Implement a quality improvement or patient safety initiative in a health care setting.
6. Explore the role, scope and practice models of different health professionals
7. Collaborate with other health professionals in analysis of complex clinical situations and practice systems to ensure safe, timely, effective, efficient equitable and patient centered care that is based on evidence and meets the current standard of practice.

TOPICAL OUTLINE
- Performance improvement models
- Regulatory & quality standards in health care
- Benchmarking
- Risk identification and financial management strategies
DOCTOR OF NURSING PRACTICE PROGRAM

- Clinical performance indicator systems (nurse sensitive, consumer reported, inter-professional benchmarks)
- Quality improvement tools (measurement issues, Pareto, control charts, survey, statistical analysis)
- Program evaluation
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER:  NUR 8003 (UT 7040)

COURSE TITLE:  Applied Nursing Research

PLACEMENT IN CURRICULUM:  DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES:  Admission to the DNP program or permission of instructor; graduate level multivariate statistics

CATALOG DESCRIPTION:  This course builds on knowledge of research and clinical practice with emphasis on evidence-based practice. Students learn to critically examine and apply nursing research within the practice setting.

CREDIT ALLOCATION:  3 Sem Hrs

COURSE OBJECTIVES:

1. Appraise the role of the DNP prepared nurse relative to the participation and translation of research into clinical practice.
2. Apply knowledge of electronic bibliographic databases to support an evidence-based project.
3. Appraise existing evidences (internal, external, and patient preferences) to support recommendations for practice change.
4. Synthesize existing external and internal evidence to support recommendations for practice change.
5. Apply models applicable to the evidence based practice change process.
6. Examine the contributions of ethical, legal, economic, and diversity factors on the translation of evidence into practice.
7. Explore strategies to disseminate findings from evidence based practice and research to improve health care outcomes.

TOPICAL OUTLINE

- Evidence-based practice (role of the DNP in advancing clinical research utilization; collaborative research efforts; ethical basis for research)
- Review of qualitative methods of research
- Appraising the evidence (criteria for determining best-practices; synthesis of the literature; selection of evidence-based solutions)
- Evidence-based change (designing a proposal; problem identification; supportive data regarding extent and impact of problem; objectives for change; designing the change team; institutional and public policy; resource agencies; facilitators and barriers)
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- Methods of change (selection of site and subjects; intervention design and strategies; designing the practice guidelines)
- Evaluation in research (review of statistical methods for evaluation of data)
- Outcomes evaluation (designing systematic, on-going evaluation practice; using a data base to enhance care practice)
- Dissemination of data (podium and poster presentations; writing for publication)
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8008 (UT 7050)

COURSE TITLE: Information and Technology in Nursing and Health Care Systems

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: Systematic assessment of clinical and administrative information needs of health care systems. Examines the technology and strategies needed to support patients, nurses, and health care delivery in dynamic environmental systems.

CREDIT ALLOCATION: 3 Sem Hrs

COURSE OBJECTIVES:
1. Synthesize nursing, informatics, management, and health care concepts and theories related to health care informational needs.
2. Use information systems and patient care technology in the development and implementation of programs to evaluate outcomes of care, care systems and quality improvement.
3. Analyze critical elements necessary to the selection and evaluation of patient care technology and health care information systems.
4. Utilize data from databases using principles of informatics.
5. Develop an evaluation plan involving data extraction from clinical information systems and databases.
6. Identify future information needs of nursing and health care systems considering legal, ethical, political and social implications.
7. Evaluate consumer health information sources for accuracy, timeliness and appropriateness.

TOPICAL OUTLINE
- Informatics theory, systems theory
- Computer hardware and software
- Networking systems for planning and evaluating
- Data classification, classification theory, data management
- Evaluation plans for data extraction and data mining
- Clinical and system benchmarks
- Databases and statistical analyses
DOCTOR OF NURSING PRACTICE PROGRAM

- Systems analysis, evaluation and implementation
- Patient care technology and work flow
- Development and evaluation of consumer health information
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER:  NUR 8002 (UT 7050)

COURSE TITLE:  Population Health

PLACEMENT IN CURRICULUM:  DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES:  Admission to the DNP program or permission of instructor; graduate level biostatistics

CATALOG DESCRIPTION:  This course uses epidemiologic models to analyze and construct interventions for health care delivery systems. The focus is on safe, quality, culturally-appropriate advanced nursing practice activities to meet emerging world needs.

CREDIT ALLOCATION:  3 Sem Hrs.

COURSE OBJECTIVES:

1. Analyze the use of epidemiologic, biostatistical, environmental, and other appropriate scientific data in the development, implementation, and evaluation of interventions for populations of patients.
2. Utilize data from databases using principles of informatics.
3. Evaluate the ethical issues and technology involved in the use of health care information systems.
4. Explore professional and multidisciplinary perspectives as well as environmental, occupational, global and cultural influences on health care delivery.
5. Construct effective health care delivery models and/or strategies (including public health models) to affect disparities in health care outcomes.
6. Integrate quality improvement, safety, & risk reduction models in evaluating patient variances and patient/provider safety within systems of care.
7. Evaluate emergency preparedness programs and other responses to emerging health problems.
COURSE NUMBER: NUR 8006 (UT 7070)

COURSE TITLE: Marketing and Entrepreneurial Activities in Complex Health Care

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: This course examines marketing and entrepreneurial strategies for advanced nursing practice in complex health care systems. The focus is on creating and evaluating marketing plans and entrepreneurial activities.

CREDIT ALLOCATION: 3 Sem Hrs

COURSE OBJECTIVES:

1. Identify the role of the DNP prepared nurse in marketing and entrepreneurial activities.
2. Utilize intra- and inter-professional collaboration for managing marketing and entrepreneurial strategies.
3. Critically appraise the existing evidence for best practices in marketing and entrepreneurial activities in nursing and health care.
4. Design marketing strategies to optimize current practice, system effectiveness, clinical populations, cultural sensitivity, and consumer needs.
5. Design and evaluate entrepreneurial strategies for nursing and health care business practices.
6. Use nursing, health, and business information technology to assist in data collection, management, and analysis in order to examine and predict marketing and business outcomes.

TOPICAL OUTLINE

- Role of DNP in marketing and entrepreneurial activities (describe opportunities for nurse entrepreneurs)
- Marketing concepts (consumer needs; market segmentation; customer behavior; market measurement; market share; market research; determinant attributes; advertising strategies)
DOCTOR OF NURSING PRACTICE PROGRAM

- Elements of marketing plans and evaluation of outcomes
- Legal issues facing nurse entrepreneurs
- Profit versus nonprofit in health care
- Financial issues facing nurse entrepreneurs
- Financial plans for entrepreneurs
- Sensitivity analysis in financial plans
- Pro Forma Financial Statement and Summaries
- Future directions for nurses, marketing & entrepreneurial activities
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8101 (UT 7080)

COURSE TITLE: Evidence Based Nursing Practice in Direct Care

PLACEMENT IN CURRICULUM: DNP Direct Care

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Admission to the DNP program or permission of instructor

CATALOG DESCRIPTION: This seminar course focuses on the nursing management of complex patients, diagnostic reasoning, translation of evidence into practice, and building intra and interprofessional interactive models to meet patient needs.

CREDIT ALLOCATION: 3 Sem Hrs (includes 80 clinical hours)

COURSE OBJECTIVES:

1. Apply physiology, pathophysiology, chemistry and epidemiology principles to the nursing management of complex health situations.
2. Analyze complex health care situations from an evidence-based prospective.
3. Discuss evidenced based principles for selection of appropriate diagnostic testing methods.
4. Identify evidence to justify selection of treatment modalities appropriate to the client situation.
5. Demonstrate an advanced level of critical thinking skills in the assessment, diagnosis, intervention, and evaluation of complex health care situations.
6. Demonstrate an awareness of fiscal responsibility in care management.

TOPICAL OUTLINE

Heuristics and applicative methods, interpretation and application of evidence-based guidelines, diagnostic processes related to aggregates, formulating and testing hypotheses and identifying diagnostic probabilities, managing complex clinical issues in specialty practice
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8201 (UT 7180)

COURSE TITLE: Evidence-based Leadership in Complex Health Systems

PLACEMENT IN CURRICULUM: DNP Indirect Care

PREREQUISITES: Admission to the DNP program or permission of instructor and NUR 8002 Population Health

COURSE LOCATION & CLASS TIMES:

FACULTY:

CATALOG DESCRIPTION: This course examines evidence based leadership practices in complex health care settings focusing on creating and evaluating innovative practices including model application for financial and clinical outcomes.

CREDIT ALLOCATION: 3S (80 hours- clinical)

COURSE OBJECTIVES:
1. Evaluate evidence-based processes for patient-centered delivery systems and policy level delivery models.
2. Design evidence-based leadership practices for complex health systems to identify and address health or systems needs.
3. Collaborate with diverse groups and stakeholders for inter- or intra-organizational achievement of health-related goals.
4. Design patient safety initiatives using ethical, legal and financial models as the basis for action.
5. Use evidence-based practices for extracting and analyzing relevant data for decision-making regarding aggregate health or system needs.
6. Use current and relevant health care and financial models to assess clinical initiatives.

TOPICAL OUTLINE
- Process of designing and evaluating evidence-based practices in nursing administration
- Evidence-based cultural diversity administration practices
- Patient safety initiatives
- Ethical and legal models for evaluating quality of care
- Evidence-based databases and analysis of data
- Cost effectiveness, cost utility and cost benefit models
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8005 (UT 7090)

COURSE TITLE: Project Seminar

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES/Corequisites: Acceptance into the DNP program, Applied Nursing Research (NUR 8003), and permission of the course faculty and/or capstone advisor.

CATALOG DESCRIPTION: This course provides a forum to articulate and explore advanced nursing practice roles and responsibilities. The focus will be on leading nursing practice in patient advocacy, teaching, collaboration, and the design and provision of care.

CREDIT ALLOCATION: 3 Sem Hrs total hours required. Offered as variable credit of 1-3 Sem Hrs. This variable credit course may be offered over more than one term. The number of credit hours allocated per term will be decided by the course faculty and/or capstone advisor.

COURSE OBJECTIVES:
1. Explore the development, implementation, and evaluation of evidence-based practice studies.
2. Describe issues related to approval and funding of research.
3. Develop a grant proposal
4. Use analytical methods to critically appraise existing literature and other evidence related to practice.
5. Identify a practice topic for study.
6. Apply relevant findings to the development of a proposal for the DNP evidence-based practice project.
7. Identify a theoretical framework, define an evidence-based intervention, and confirm a study site for the DNP project.
8. Complete a human subjects' protection curriculum online and describe the process of obtaining Institutional Review Board approval.
DOCTOR OF NURSING PRACTICE PROGRAM

COURSE NUMBER: NUR 8099 (UT 7100)

COURSE TITLE: Doctoral Project

PLACEMENT IN CURRICULUM: DNP Core

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES/COREQUISITES: Acceptance into the DNP program, Applied Nursing Research (NUR 8003), and permission of the capstone advisor.

CATALOG DESCRIPTION: This course is a guided, independent project utilizing research to improve patient outcomes, health care delivery, or nursing practice.

CREDIT ALLOCATION: 3 Sem Hrs total hours required. Offered as variable credit of 1-3 Sem Hrs. This variable credit course may be offered over more than one term. The number of credit hours allocated per term will be determined in collaboration with the capstone chair.

COURSE OBJECTIVES:

1. Implement an evidence-based practice study to improve nursing practice and/or health care delivery.
   a. Apply analytical methods to evaluate current practice or evaluate the introduction of a new evidence-based strategy/protocol.
   b. Integrate evidence or bench-marking from national data bases in the development and/or evaluation of this evidence-based practice study.

2. Defend the development, implementation and evaluation of this evidence-based practice study.
COURSE NUMBER: NUR 8102 (UT 7970)

COURSE TITLE: Final Practicum (Direct Care)

PLACEMENT IN CURRICULUM: DNP Direct Care

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Acceptance into the DNP program, Scientific Foundations of Nursing (NUR 8001 / NURS 701), and permission of the course faculty and/or capstone advisor.

CATALOG DESCRIPTION: Individually precepted practicum that requires advanced nursing practice with individuals and groups. Includes seminar that facilitates synthesis and application of all prior learning for evidence-based practice.

CREDIT ALLOCATION: 6 Sem Hrs total hours required. Offered as variable credit 1-6 SemHrs. This variable credit course may be offered over more than one semester. The number of credit hours allocated per semester will be decided by the course faculty and/or capstone advisor. The total number of clinical hours taken as variable credit prior to the final term NUR 8102 cannot exceed 3 Sem Hrs.

COURSE OBJECTIVES:
1. Conduct comprehensive and systematic assessments of health and illness in complex situations incorporating diverse and culturally sensitive approaches.
2. Demonstrate synthesis of advanced knowledge from nursing and related sciences in designing, implementing and evaluating therapeutic interventions for individuals and groups.
3. Establish therapeutic relationships with patients, families, and colleagues to facilitate high quality patient care.
4. Demonstrate advanced clinical judgment, systems thinking and accountability in designing and delivering evidence-based care and monitoring patient and health system outcomes.
5. Demonstrate leadership in educating and guiding individuals and groups experiencing complex health and situational transitions.
COURSE NUMBER: NUR 8202 (UT 7980)

COURSE TITLE: Final Practicum (Indirect Care)

PLACEMENT IN CURRICULUM: DNP Indirect Care

COURSE LOCATION & CLASS TIMES:

FACULTY:

PREREQUISITES: Acceptance into the DNP program, Scientific Foundations of Nursing (NUR 8001 / NURS 701), and permission of the course faculty and/or capstone advisor.

CATALOG DESCRIPTION: Individually precepted practicum that requires leadership and practice at the aggregate/systems/organizational level of health care. Includes required seminar that facilitates application, synthesis, and evaluation of prior learning in applied practice.

CREDIT ALLOCATION: 6 Sem Hrs total hours required. Offered as variable credit 1-6 Sem Hrs. This variable credit course may be offered over more than one semester. The number of credit hours allocated per semester will be decided by the course faculty and/or capstone advisor. The total number of clinical hours taken as variable credit prior to the final term NUR 8202 cannot exceed 3 Sem Hrs.

COURSE OBJECTIVES:
1. Define actual and emerging health problems needing aggregate level health interventions.
2. Demonstrate competencies in advanced organizational, systems or community assessment techniques at an aggregate level.
3. Collaborate with diverse stakeholders for inter- or intra-organizational achievement of health-related organizational or policy goals
4. Design patient-centered care-delivery systems or policy level delivery models.
5. Synthesize concepts and/or theories from organizational, management, nursing sciences, and other arts and sciences for the provision of health care services.
6. Influence health care delivery, health policy, and the advancement of the nursing profession based on analysis of issues from a global perspective.
7. Integrate knowledge of ethical, legal, economic, political, social, technological, environmental, social and health care systems from a global perspective to influence quality of health care.
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DOCTOR OF NURSING PRACTICE PROGRAM

8. Integrate evidenced-based practice, critical thinking, and research into nursing aggregate practice.