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The mission of McKendree University is to provide a high-quality educational experience to outstanding students.

~Responsible Citizenship ~Engagement ~Academic Excellence ~Lifelong Learning~

NSG 351 Health Assessment and Pathophysiology I (3)

The health assessment portion of the course facilitates the student's development of the health assessment techniques of interview, inspection, palpation, auscultation, and percussion. Students perform health assessments of the integumentary, hematologic, cardiovascular, and pulmonary systems and build a thorough case history on a client of their choosing. Pathophysiology introduces students to the causes and mechanisms of diseases of the hematologic, integumentary, cardiovascular, and pulmonary systems. Students will recognize the symptoms of diseases in relation to the underlying biochemical, genetic, and metabolic malfunctions. Students will be able to describe the pathogenesis of neoplasms, inflammatory disorders, and disorders of the immune system.

Student Learning Outcomes

Students will:

1. Apply the appropriate physical assessment techniques of inspection, palpation, auscultation and percussion in selected disease states.
2. Differentiate normal from abnormal findings of physical assessment.
3. Identify common genetic variations of and modes of transmission of genetic disorders.
4. Identify common alterations in health findings for the older adult.
5. Document assessment findings and common abnormalities using appropriate terminology.
6. Recognize the sequela of selected cellular malfunctions.
7. Predict physiologic responses to injury and immunologic challenge.
8. Categorize selected diseases of the hematologic, immunologic, integumentary, cardiovascular and pulmonary systems based on etiology and pathogenesis.
9. Describe physiologic responses to selected disease processes seen in the older adult.
10. Plan appropriate treatment modalities for clients with selected acute, chronic, and terminal diseases throughout the lifespan, based on findings of comprehensive assessment and clinical examination.
11. Evaluate the effectiveness of treatment modalities.
12. Discuss the use of palliative care for clients with irreversible disease processes.

Course Topics

1. Physical assessment techniques
2. Pathophysiology
3. Assessment of care
4. Integumentary system
5. Hematologic system
6. Cardiovascular system
7. Pulmonary systems
8. Quality and safety
9. Genetics
10. Immunity and immunology
11. Treatment modalities
12. Palliative care



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NSG 352 Health Assessment and Pathophysiology II (3)

The health assessment portion of the course facilitates the student's development of the health assessment techniques of interview, inspection, palpation, auscultation, and percussion. Students perform health assessments of renal, gastrointestinal, neurologic, and musculoskeletal systems and build a thorough case history on a client of their choosing. Pathophysiology introduces students to the causes and mechanisms of diseases of the renal, gastrointestinal, neurologic, and musculoskeletal systems. Pre/co-requisite: NSG 351.

Student Learning Outcomes

Students will:

1. Demonstrate and describe the physical assessment techniques of inspection, palpation, auscultation and percussion.
2. Perform techniques to elicit comprehensive information for each assessment using appropriate methods and equipment.
3. Differentiate normal from abnormal findings of physical assessment.
4. Identify common alterations in health findings for the older adult.
5. Document assessment findings and common abnormalities using appropriate terminology.
6. Develop appropriate nursing diagnoses and interventions based on evaluation of the assessment findings and knowledge of pathophysiology.
7. Recognize the sequela of selected cellular malfunctions.
8. Predict physiologic responses to injury and immunologic challenge.
9. Categorize selected diseases of the gastrointestinal, renal, neurological, and musculoskeletal systems based on etiology and pathogenesis.
10. Describe physiologic responses to selected disease processes seen in the older adult.
11. Plan appropriate treatment modalities for clients with selected acute and chronic diseases throughout the lifespan.
12. Evaluate the effectiveness of treatment modalities.
13. Discuss the use of palliative care for clients with irreversible disease processes.

Course Topics

1. Health assessment techniques
2. Pathophysiology
3. Gastrointestinal system
4. Renal system
5. Neurological system
6. Musculoskeletal system
7. Quality and safety
8. Genetics
9. Immunity and immunology
10. Treatment modalities
11. Palliative care



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NSG 366 Concepts in Research (3)

The focus of this introductory research course is on the concepts of nursing research. Students are able to describe basic research concepts and techniques and appreciate the ethics of nursing research. Evaluative skills are developed by critiquing current nursing research. Using peer-reviewed research articles, students analyze and summarize nursing research on a selected topic.

Student Learning Outcomes

Students will:

1. Identify key elements of the research process and basic research designs/methods in quantitative, qualitative and outcomes studies.
2. Discuss ethical considerations and guidelines for conducting research and protection of human rights.
3. Develop skills required to critique nursing research.
4. Employ the concept of academic integrity and its applications for professional nursing students.
5. Discuss methods for dissemination of research findings.
6. Articulate the need for lifelong learning in nursing practice.
7. Develop a nursing research problem statement.

Course Topics

1. Nursing research concepts
2. Nursing research techniques
3. Ethics in nursing research
4. Critiques of nursing research



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NSG 367 Research Application in Practice (W) (4)

In this writing-intensive course, students will explore evidence-based approaches to frequently encountered clinical questions. Through an in-depth evaluation of current research literature, students investigate evidence-based nursing practice. Using peer-reviewed research articles, students analyze and summarize nursing research on a selected topic.

Student Learning Outcomes

Students will:

1. Perform a review of the research literature relevant to a selected topic utilizing information technology.
2. Investigate the clinical problem-solving process.
3. Employ the concept of academic integrity and its applications for professional nursing students.
4. Discuss the applications of current research in clinical practice.
5. Review current literature related to a selected topic.
6. Explore venues for the dissemination of information/research findings to promote evidence-based practice.
7. Analyze methods for dissemination of research findings.
8. Articulate the need for lifelong learning in nursing practice.

Course Topics

1. Evidenced-based approaches
2. Evaluation of evidence-based data and practice
3. Integration of evidence-based data into practice
4. Communication



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NSG 404 Diversity in Healthcare Delivery (4)

In this course, students develop cultural responsiveness by exploring and analyzing cultural beliefs, attitudes, and values of clients, families, and communities, as well as health care providers. Students will describe the impact of cultural beliefs on health and health care practices, as well as propose strategies to gain trust with the client/family to improve health outcomes. This course also serves to explore epidemiology with underserved and vulnerable populations applied to preserving, promoting, and maintaining the health of the global and diverse populations.

Student Learning Outcomes

Students will:

1. Explore theoretical models relevant to culture and diversity.
2. Demonstrate assessment strategies to identify areas of diversity and respond with a culturally responsive intervention.
3. Identify barriers to providing culturally appropriate client/family care including proposed solutions for addressing these barriers.
4. Reflect on how personal cultural beliefs and practices impact health of the individual and family throughout the lifespan and at the end of life.
5. Compare and contrast the various healthcare needs of underserved and vulnerable populations.
6. Explore the role of the nurse in meeting the healthcare needs of these particular populations.

Course Topics

1. Cultural responsiveness
2. Cultural beliefs, attitudes, and values
3. Impact of cultural beliefs on health and health care practices
4. Building trust to improve health outcomes
5. Epidemiology
6. Vulnerable population



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NSG 451 Concepts of Population Based Care (4)

In this course, students develop knowledge of health promotion and disease prevention concepts, as well as differentiate various levels of health care (primary, secondary and tertiary). Factors that influence the health status of groups and communities are examined. Students develop beginning-level skills in community assessment, epidemiological investigation, and community health education. Students complete an in-depth study of the health needs of selected vulnerable populations and groups within the community and develop evidence-based interventions. Students examine the role of the community and public health nurses in a variety of practice settings. Fall, annually.

Student Learning Outcomes

Students will:

1. Assess political, social, cultural, economic, and environmental factors that influence the health status of aggregates and communities.
2. Identify ethical issues encountered in community/public health nursing practice.
3. Employ basic epidemiologic principles to analyze community data.
4. Apply theories to drive practice including systems theory, and behavior change theories.
5. Differentiate organizing frameworks and educational theories as they relate to effective health education in the community.
6. Discuss the role of the nurse in emergency preparedness.
7. Examine roles of the nurse working in the community.
8. Assess a local community to determine health needs and available resources throughout the lifespan and at the end of life.

Course Topics

1. Health promotion and disease prevention
2. Levels of care - primary, secondary, and tertiary levels
3. Groups and communities' health status
4. Community assessment
5. Epidemiological investigation
6. Community health education
7. Roles of community and public health nurses



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NSG 452 Practicum in Population Based Care (3)

This practicum course is designed to apply principles of community/public health nursing, in caring for individuals, families, aggregates, and populations. Students will engage in interprofessional collaboration with members of a healthcare team in community agencies for the provision of care to individuals, families, and/or aggregates. Pre/corequisite: NSG 451. Fall, annually.

Student Learning Outcomes

Students will:

1. Participate in the delivery of population health-based nursing care in various community settings, under the guidance of a professional nurse. (Note: Professional nurse = BSN)
2. Engage in inter-professional collaboration with members of the health care team in community agencies for the provision of care to individuals, groups, and populations.
3. Apply population/public health nursing principles of assessment, program planning, and evaluation to complete an evidence-based intervention with a selected aggregate population in the community.
4. Utilize information and communication technologies in preventive care.
5. Demonstrate leadership and political awareness to foster advocacy, health promotion, and effective health care delivery in the community.

Course Topics

1. Population health nursing
2. Care individuals, families, aggregates, and populations
3. Interprofessional collaboration
4. Community agencies



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NSG 471 Concepts of Leadership and Management (W) (4)

This course provides a foundation for students to investigate theories of leadership and management. Students develop strategies in delegation, supervision, management, and leadership. Critical thinking and decision making skills inherent to the professional nurse will be emphasized. Pre/corequisite: NSG 367, 452. Spring, annually.

Student Learning Outcomes

Students will:

1. Analyze nursing leadership and management principles and skills in the current health care environment.
2. Apply various theoretical perspectives to nursing practice.
3. Analyze legal issues involved in nursing management.
4. Examine the public policy process.
5. Discuss fiscal responsibilities in the leader/manager role.
6. Explore applications of technology in the health care environment.
7. Analyze the role of nurse leaders in quality improvement/patient safety initiatives.
8. Explore the interprofessional communication/collaboration skills necessary for professional nursing practice.

Course Topics

1. Leadership theories
2. Management theories
3. Delegation
4. Supervision
5. Critical thinking and decision-making skills



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NSG 472 Practicum in Leadership and Management (Cumulative Practicum Experience) (3)

This cumulative practicum course experience provides a foundation for students to apply theories of leadership and management in a preceptor setting. Students implement strategies in delegation, supervision, management, and leadership. Critical thinking and decision making skills inherent to the professional nurse will be synthesized.

Pre/co-requisite: All other courses must be completed or in process. Each semester.

Student Learning Outcomes

Students will:

1. Compare and contrast the function and purposes of leadership and management in a variety of nursing roles.
2. Develop a comprehensive written analysis of a selected leadership/management nursing role.
3. Participate in quality improvement and patient safety initiatives in the selected community agency from the perspective of the nurse leader.
4. Engage in interprofessional collaboration with members of the health care team within the health care setting for the provision of care to individual clients and groups.
5. Apply the principles of scientific inquiry and research in developing a written plan for facilitating achievement of healthcare outcomes based on Institute of Medicine report on the Future of Nursing, QSEN initiatives, and other measures as identified.
6. Demonstrate leadership behaviors during the leadership practicum experience.

Course Topics

1. Leadership theories
2. Management theories
3. Delegation
4. Supervision
5. Critical thinking and decision-making skills