

ALL COURSES

NURSING

NUR 1001: Orientation to Nursing

A one hour elective course for students interested in pursuing nursing as a professional career. The student is introduced to the history of nursing, issues and trends, basic nursing education, advanced education for nurses, and nursing career opportunities. Students interested in nursing or a career in science are encouraged to take this course during the fall semester of their freshman year.

\$5 course fee. \$25 per credit hour curriculum content fee.

NUR 2023: Introduction to Professional Nursing

Prerequisite: Admission to upper division nursing

A non-clinical, three hour course which introduces the student to selected basic concepts in professional nursing. Purpose of the course is to introduce nursing concepts to nursing majors. The course focuses on nursing as a caring profession, nurses' roles and functions, ethics, standards, legal aspects, holism, wellness, health care settings, communication, teaching/learning, critical thinking, and the nursing process. The Conceptual Framework and Philosophy of Tech's Department of Nursing will be explored.

\$150 testing fee. \$15 course fee. \$25 per credit hour curriculum content fee.

NUR 2303: Nutrition

Principles of normal nutrition at all stages of the life cycle are emphasized. Growth and development needs are incorporated into the maintenance, restoration of nutritional health, and in the prevention of nutritional deficit. Exploration is conducted of the social, religious, and cultural factors which affect the family's nutritional health.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3103: Nursing Skills I

Prerequisite: Admission into upper division nursing courses.

The course provides the student with theory and guided practice of basic psychomotor and math nursing skills in a multimedia simulated laboratory setting.

Lecture 2 hours, laboratory 3 hours equal to one credit hour. \$190 skills kit fee. \$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3204: Theories and Concepts in Nursing I

Prerequisites: NUR 2023 Introduction to Professional Nursing, 3103, 3303, 3803 and admission into upper level junior nursing courses.

Co-requisite: NUR 3404 Practicum in Nursing I - Nursing the Individual Client

This course is an introduction to the cognitive framework of the curriculum which emphasizes holistic man, environment, and nursing as an interacting system. The course focuses on bio psycho social and spiritual behaviors as indicators of health throughout the life cycle. The nursing process and the scientific method of problem solving are presented as systematic approaches to nursing care. Further emphasis is placed on assessment of health needs and health practices of individuals in structured episodic health care settings. Beginning concepts of professionalism and care of clients with self-limiting alterations to health are integral parts of this course.

Lecture four hours. \$150 testing fee. \$20 course fee. \$25 per credit hour curriculum content fee.

NUR 3213: Care of the Older Adult

Prerequisites: NUR 3103 Nursing Skills I, NUR 2023 Introduction to Professional Nursing, and PSY 3813 Lifespan Development

This course will include a study of communication with individuals, families and groups. It will also provide the foundational basis for the professional care of older adults and their families. Care of the older adult introduces trends, theories and multidimensional changes of aging and addresses issues related to wellness, health promotion, and disease prevention in older adults.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3303: Health Assessment

Prerequisite: Departmental permission or admission to upper division.

The student uses the nursing process to assess the client by the utilization of observation, palpation, percussion, and auscultation skills. The language of Health Assessment is taught and methods of proper documentation are emphasized. The course provides guidance in specific assessment techniques and enables the student to recognize normal findings throughout the life cycle. The student collaborates with members of the healthcare team in the sharing of health findings in order to make a specific nursing diagnosis.

Lecture 2 hours, laboratory 3 hour. \$25 course fee. \$25 per credit hour curriculum content fee.

NUR 3402: Pharmacology I

Prerequisites: NUR 2023 Introduction to Professional Nursing and 3103

This course focuses on the relationships between the action of drugs, their effects and the contraindications for their administration. The relationship between specific patient needs and the type of drugs that would be effective to meet those needs will be analyzed. The nursing care related to each type of drug and the rationales for care will be included.

Note: If a student withdraws from this course, he/she must withdraw from NUR 3404 Practicum in Nursing I - Nursing the Individual Client.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 3404: Practicum in Nursing I - Nursing the Individual Client

Prerequisites: NUR 2023 Introduction to Professional Nursing, NUR 3103 Nursing Skills I, and NUR 3303 Health Assessment

Co-requisite: NUR 3204 Theories and Concepts in Nursing I

Practicum facilitating the integration, synthesis, and application of theories, concepts, and psychomotor nursing skills taught in NUR 3103 Nursing Skills I, 3204, 3304 and 3513. The student uses maintenance nursing behaviors to assist individuals to reach functional adaptation.

12 Clinical hours equal to 4 credit hours. \$20 course fee. \$100 simulation fee. \$15 PPE fee. \$25 per credit hour curriculum content fee.

NUR 3503: End-of-Life Care

This course is designed to offer basic skills and knowledge needed to recognize and intervene with a client at the end of life. Emphasis is to implement the nursing process with clients at the end of life. Students will apply concepts, theories, principals and techniques gained from their general education and previous nursing courses.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3513: Nursing Skills II

Prerequisite: NUR 3103 Nursing Skills I

A continuation of NUR 3103 Nursing Skills I. A guided practice of intermediate level theory and skills in a multimedia simulation laboratory.

Lecture 2 hour, laboratory 3 hours equal to one credit hour. \$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3606: Theories and Concepts in Nursing II

Prerequisites: NUR 3204 Theories and Concepts in Nursing I, 3402, 3404, 3513

Co-requisite: NUR 3805 Practicum in Nursing II - Nursing the Family

This course, utilizing the nursing process, builds upon NUR 3204 Theories and Concepts in Nursing I and includes the bio psycho social and spiritual needs of the family. The course emphasizes family development, care of the surgical patient, the childbearing experience, and the child's unique response to the internal and external environment.

Lecture six hours. \$150 testing fee. \$30 course fee. \$25 per credit hour curriculum content fee.

NUR 3792: Theoretical Competency I

Prerequisite: Departmental permission

This course is a theory course designed to enable a student to prove theoretical competence. Students who have failed a junior level practicum course but have passed the accompanying theories and concepts course must prove theoretical competence in order to progress to the next level. For the student who has failed, NUR 3792 Theoretical Competency I would be taken the same semester the student is repeating the accompanying practicum course. Students who have been absent from the upper division of the nursing curriculum must prove theoretical competence at the level of the corresponding theory class.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 3802: Pharmacology II

Prerequisites: NUR 3204 Theories and Concepts in Nursing I, NUR 3402 Pharmacology I, NUR 3404 Practicum in Nursing I - Nursing the Individual Client

This course is a continuation of Pharmacology I and focuses on the relationships between the action of drugs, their effects and the contraindications for their administration. the relationship between specific patient needs and the type of drugs that would be effective to meet those needs will be analyzed. The nursing care related to each type of drug and the rationales for the care will be included.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 3803: Applied Pathophysiology

Cross-listed: BIOL 3803 Applied Pathophysiology

Prerequisites: BIOL 2014 Human Anatomy or BIOL 2404 Human Anatomy and Physiology I and BIOL 2414 Human Anatomy and Physiology II or BIOL 3074 Human Physiology

This course focuses on the mechanisms and concepts of selected pathological disturbances in the human body. Emphasis is placed on how the specific pathological condition effects the functioning of the system involved, as well as its impact on all other body systems.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 3805: Practicum in Nursing II - Nursing the Family

Prerequisites: NUR 3204 Theories and Concepts in Nursing I, 3402, 3404, 3513

Co-requisites: NUR 3606 Theories and Concepts in Nursing II

A practicum course which facilitates the integration, synthesis, and application of the theories, concepts, and skills taught in NUR 3103 Nursing Skills I, NUR 3513 Nursing Skills II, NUR 3606 Theories and Concepts in Nursing II and NUR 3703.

15 clinical hours equal to 5 credit hours. \$25 course fee. \$100 simulation fee. \$15 PPE fee. \$25 per credit hour curriculum content fee.

NUR 3892: Clinical Competency I

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 3892 Clinical Competency I would be taken the same semester the student is repeating an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they can re-enter upper division.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 4206: Theories and Concepts in Nursing III

Prerequisites: NUR 3606 Theories and Concepts in Nursing II, 3802, 3805

The course focuses on the prevention of illness, maintenance of health and the restoration of wellness in the care of clients and families experiencing major dysfunctions in adaptation. The nursing process is the methodology used to assist clients and families toward achieving optimal health. Principles of growth and development throughout the life cycle, utilization of research findings, principles of communication in crisis, and the role of the nurse in crises situations are included in the course. Psycho social theories and concepts relevant to the care of the emotionally disturbed client and family are explored in depth.

Lecture six hours. \$150 testing fee. \$30 course fee. \$25 per credit hour curriculum content fee.

NUR 4303: Nursing Research

Prerequisites: Admission to upper division nursing, senior standing or consent of instructor.

This introductory research course focuses on the validity and applicability of research findings for the improvement of nursing practice. Emphasis is on scientific inquiry and the role of the nurse as an intelligent consumer of research.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 4405: Practicum in Nursing III -- Nursing Clients in Crisis

Prerequisites: NUR 3606 Theories and Concepts in Nursing II, 3802 and 3805

Co-requisites: NUR 4206 Theories and Concepts in Nursing III

This is a clinical nursing course which provides the opportunity for the integration of theories and concepts in the application of the nursing process in the care of the emotionally and/or physically dysfunctional client, family or group who are undergoing adaptation difficulties due to major deviations from wellness. The health care is delivered according to scientific principles, research findings, and accepted standards of care. Nursing behaviors and nursing roles are emphasized which are appropriate to the level of the students. Learning experiences are gained through caring for clients.

15 clinical hours equal to 5 credit hours. \$25 course fee. \$100 simulation fee. \$15 PPE fee. \$25 per credit hour curriculum content fee.

NUR 4502: Principles of ACLS

Prerequisite: Departmental permission or consent of the instructor.

This course is designed to offer the student the knowledge and skills necessary to provide appropriate early treatment for cardiopulmonary arrest in the adult patient utilizing current ACLS protocols as guidelines for emergency care.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 4606: Theories and Concepts in Nursing IV

Prerequisites: NUR 4206 Theories and Concepts in Nursing III, 4303, and 4405

The course focuses on the prevention of illness, maintenance of health, and the restoration of wellness of individuals, families, and communities. Concepts of epidemiology, prevention, decision making, and collaboration are utilized to organize and deliver distributive nursing care in complex situations. Theories and techniques of management are studied which relate to self, team members, and care of groups of clients. The emerging role of the professional nurse is explored.

Lecture six hours. \$150 testing fee. \$30 course fee. \$25 per credit hour curriculum content fee.

NUR 4792: Theoretical Competency II

Prerequisite: Departmental permission

This course is a theory course designed to enable a student to prove theoretical competence. Students who have failed a senior level practicum course but have passed the accompanying theories and concepts course must prove theoretical competence in order to progress to the next level. For the student who has failed, NUR 4792 Theoretical Competency II would be taken the same semester the student is repeating the accompanying practicum course. Students who have been absent from the upper division of the nursing curriculum must prove theoretical competence at the level of the corresponding theory class.

\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 4804: Practicum in Nursing IV - Nursing in the Community

Prerequisites: NUR 4206 Theories and Concepts in Nursing III and 4405

Co-requisites: NUR 4606 Theories and Concepts in Nursing IV and 4903

A clinical course which integrates theories and concepts from all nursing courses and provisions for practice in predominantly distributive healthcare settings. Emphasis is on the utilization of the nursing process, the prevention of illness, maintenance of health, and the restoration of wellness of individuals, families, and communities, experiencing adaptation to complex health problems. Management skills and techniques are utilized in the delivery of holistic nursing care. Activities are provided which facilitate the role transition from student to professional nurse. Clinical experiences occur in a variety of distributive healthcare settings.

12 clinical hours. \$20 course fee. \$100 simulation fee. \$15 PPE fee. \$25 per credit hour curriculum content fee.

NUR 4892: Clinical Competency II

This course is required to demonstrate competence for practicum/laboratory courses as described in the progression policy of the Department of Nursing. For students requiring demonstration of competence, NUR 4892 Clinical Competency II would be taken the same semester the student is repeating

an accompanying theoretical course. Students who have been absent from the upper division of the nursing curriculum must prove clinical/laboratory competence at the level of the last practicum/laboratory course they successfully completed before they re-enter upper division.
\$10 course fee. \$25 per credit hour curriculum content fee.

NUR 4903: Synthesis of Clinical and Theoretical Nursing

Synthesis of clinical and theoretical nursing knowledge occurs throughout the course. Students will be required to use all previously learned clinical and theoretical knowledge in the management of a diverse client population for which they are planning and providing a full-range of needed health care. Theory and clinical application of nursing knowledge must be integrated in order to prioritize, delegate, and ensure the delivery of comprehensive health care to clients in a variety of institutional and community-based settings. Students work closely with designate professional nurse preceptors and faculty in carrying out these learning activities.

\$145 testing fee. \$15 course fee. \$25 per credit hour curriculum content fee.

NUR 4951: Undergraduate Research in Nursing

Offered: On demand

Prerequisite: Departmental approval

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

\$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4952: Undergraduate Research in Nursing

Offered: On demand

Prerequisite: Departmental approval

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

\$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4953: Undergraduate Research in Nursing

Offered: On demand

Prerequisite: Departmental approval

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

\$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4954: Undergraduate Research in Nursing

Offered: On demand

Prerequisite: Departmental approval

Advanced students carry out independent research activity relating to a significant problem in a major field of study. Supervised by faculty member. Formal report and presentation required. One to four credits depending on problem selected and effort made.

\$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4971: Pharmacology Review

Prerequisite: NUR 3402 Pharmacology I and 3802

One hour credit course that reviews basic pharmacology, drug calculations utilizing dimensional analysis, drug classifications with emphasis on NCLEX style questions, nursing considerations and safe medication administration. There will be an emphasis on Black Box warnings, QSEN, patient assessment and patient education related to medication administration. This course is designed as a review of information for the nursing major who has already completed NUR 3402 Pharmacology I Pharmacology I and NUR 3802 Pharmacology II Pharmacology II.

\$5 course fee. \$25 per credit hour curriculum content fee.

NUR 4981: Introduction to Oncology

Prerequisite: Admission to upper division nursing

This course is an overview of the different aspects of treatment of patients with cancer. It will include a short synopsis on the cellular changes that occur with cancer, the different preventives and diagnostics that are done, the modalities of treatment and management of side effects, as well as the emotional and psychological impact of cancer on the patient and their significant others. This course builds upon and expands core knowledge of human anatomy, physiology, and psychology.

\$5 course fee. \$25 per credit hour curriculum content fee.

NUR 4983: Nursing Perspectives on Aging

Prerequisite: Admission to upper division nursing

As the "baby boom" generation turns 65 the percentage of older Americans will increase to over 30% of the population by 2030. This course will prepare nurses to meet the needs of this increasing population in Arkansas and the U.S. Content will focus on preserving health and promoting wellness in aging individuals. The course will also build a knowledge base for nurses' participation in managing health care problems and developing strategies for promoting well ness in aging individuals.

\$15 course fee. \$25 per credit hour curriculum content fee.

NUR 4990: Independent Study

Prerequisites: Departmental permission or NUR 4303 Nursing Research

Faculty and student collaborate on the selection, development, and evaluation of an individual project or topic in an area of nursing or health.

NUR 4991: Independent Study

Prerequisites: Departmental permission or NUR 4303 Nursing Research

Faculty and student collaborate on the selection, development, and evaluation of an individual project or topic in an area of nursing or health.

15 clock hours per credit hour. \$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4992: Independent Study

Prerequisites: Departmental permission or NUR 4303 Nursing Research

Faculty and student collaborate on the selection, development, and evaluation of an individual project or topic in an area of nursing or health.

15 clock hours per credit hour. \$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4993: Independent Study

Prerequisites: Departmental permission or NUR 4303 Nursing Research

Faculty and student collaborate on the selection, development, and evaluation of an individual project or topic in an area of nursing or health.

15 clock hours per credit hour. \$5 course fee per credit hour. \$25 per credit hour curriculum content fee.

NUR 4994: Independent Study

Prerequisites: Departmental permission or NUR 4303 Nursing Research

Faculty and student collaborate on the selection, development, and evaluation of an individual project or topic in an area of nursing or health.

15 clock hours per credit hour. \$5 course fee per credit hour. \$25 per credit hour curriculum content fee.