

# Nursing (NUR)

## (Nursing Department)

### **NUR 010—Support Module for Nursing 1**

1 unit

This course is designed to assist the student in understanding the principles and practices presented in Nursing 1: Fundamentals. Various forms of supplemental material, such as worksheets and case studies, are used to reinforce the information and concepts required of Nursing 1 students.

Corequisite: NUR 101

*\*not applicable to associate degree or certificate programs*

### **NUR 020—Support Module for Nursing 2**

1 unit

This course is designed to assist the student in understanding the principles and practices in Nursing 2: Fundamentals. Various forms of supplemental material, such as worksheets and case studies, are used to reinforce the information and concepts required of Nursing 2 students.

Corequisite: NUR 102

### **NUR 030—Support Module for Nursing 3**

1 unit

This course is designed to assist the student in understanding the principles and practices in Nursing 3: Caring for the Growing Family. Various forms of supplemental material, such as worksheets and case studies, are used to reinforce the information and concepts required of Nursing 3 students.

Corequisite: NUR 201

### **NUR 040—Support Module for Nursing 4**

1 unit

This course is designed to assist the student in understanding the principles and practices in Nursing 4: Physical and Mental Illness. Various forms of supplemental material, such as worksheets and case studies, are used to reinforce the information and concepts required of Nursing 4 students.

Corequisite: NUR 202

### **NUR 101—Nursing 1: Fundamentals**

4 lect., 9 lab, 7 cr.

This course introduces students to the various roles of the associate degree nurse. This semester the growth and development of the older adult is the focus of study. The physiological and psychological needs of members of this population are introduced. The nursing process, a model for decision making, is presented. The student is guided in the gathering of data, planning and implementation of nursing care. [R-1]

Corequisite: BIO 111, MLT 106

### **NUR 102—Nursing 2: Fundamentals**

6 lect., 12 lab, 10 cr.

This course builds on previous knowledge, giving the student further insight into the various roles of the associate degree nurse. The growth and development of the middle adult is the focus of study. The basic needs of the middle adult with a common health problem are introduced. The student uses the nursing process in planning and implementing the client's care. [R-1]

Prerequisite: BIO 111 with C or higher; MLT 106 with C or higher; grade of 75% (C) or higher in NUR 101; completed or concurrent enrollment in BIO 112

### **NUR 111—Basic Clinical Calculations for Medication Administration 1**

1 lect., 1 cr.

This course introduces the calculations used for the safe administration of oral and parenteral medications in the health care setting. Dimensional analysis is the method used to assist the learner to obtain answers with accuracy.

Prerequisite: Tested into MAT 101 or by permission of instructor

Corequisite: NUR 101

### **NUR 112—Basic Clinical Calculations for Medication Administration 2**

1 lect., 1 cr.

This course reviews Dimensional Analysis and the conversion between the various systems of measurement. The student will receive practice in calculating the safe administration of complex oral and parenteral medications in the health care setting. The safe administration of intravenous fluids and medications will be introduced.

Prerequisite: Completion of NUR 111 or NUR 101

Corequisite: NUR 102

## **NUR 201—Nursing 3: Caring for the Growing Family**

4 lect., 9 lab, 7 cr.

This course is designed to promote understanding of the various roles of the associate degree nurse related to family development. This semester the growth and development of individual members of the family is studied in relation to their basic needs. The student refines skills in using the nursing process to assess the needs and provide care for the maternity client, as well as the child, in health and illness. [R-1]

Prerequisite: ENG 101, ENG 102, BIO 112 with C or higher, MLT 106 with C or higher, and grade of 75% (C) or higher in NUR 102

Pre/corequisite: NUR 205, PSY 111

## **NUR 202—Nursing 4: Physical and Mental Illness**

6 lect., 12 lab, 9 cr.

This course prepares the student for entry into practice as an associate degree nurse. The course is structured to promote a secure knowledge base in chronic and complex physical and mental illness that affect individuals of all ages. The student demonstrates skill in using the nursing process to make and evaluate nursing care decisions. [R-1]

Prerequisite: PSY 111 and grade of 75% (C) or higher in NUR 201 and NUR 205

Note: A grade of 75% (C) or higher in NUR 202 is required to graduate with an A.A.S. degree in nursing. An A.A.S. degree in nursing is required for certification to take the National Council Licensure Examination (NCLEX) for Registered Professional Nurse (RN).

This course runs 13 weeks to allow time for students to take NUR 203 at the end of the semester.

## **NUR 203—Nursing 5: Transition to Practice**

1 cr.

This course focuses on the role transition of student to staff nurse. The student will work with a registered nurse preceptor and faculty members as part of a health care team. Emphasis will be placed on the duties and responsibilities of the beginning staff nurse in planning, prioritizing, coordinating and implementing client care activities. The objectives will include increased skill in applying the nursing process, as well as an increased ability to evaluate self-performance and heightened levels of self-confidence.

Prerequisite: Grade of C or higher in NUR 101, NUR 102, NUR 201, NUR 202, NUR 205

## **NUR 205—Pharmacology and the Human Body**

3 cr.

An introduction to medications used to maintain health and/or treat diseases and disorders. The course includes beginning concepts in the origins of medications, how commonly used medications act in the body, how they are changed in the body and how their effects are produced. Toxic effects, side effects and adverse reactions to commonly used drugs are included as well as the effects of medications in all stages of human development.

Prerequisite: Grade of C or higher in NUR 101

Pre/corequisite: Grade of C or higher in BIO 112

## **NUR 207—Advanced Clinical Calculations for Medication Administration**

1 lect., 1 cr.

This course is designed to assist the student to perform the preparation and administration of medications safely in complex and diverse clinical situations. Dimensional analysis is the method used to assist the learner to obtain answers with accuracy.

Prerequisite: NUR 112 or NUR 102 or permission of instructor