Texas Concept-Based Curriculum
El Centro College ADN Program
RNSG 1430 – Health Care Concepts I
Section
51110, 51120, 71130, 71230, 51351, 51352, 51353

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Course Description
In-depth coverage of foundational health care concepts with application through selected exemplars. Concepts include comfort, diversity, elimination, functional ability, human development, mobility, nutrition, sensory perception, sleep, thermoregulation, grief, and tissue integrity. Emphasizes development of clinical judgment skills in the beginning nurse. This course lends itself to a concept-based approach.

Course Objectives
Upon completion of this course the student will:

1. Utilize a systematic process to analyze selected foundational concepts for diverse patients across the lifespan.
2. Describe nursing management for selected foundational concepts.
3. Apply the learned concepts to other concepts or exemplars.
4. Describe the interrelatedness between foundational concepts to assist in developing clinical judgment.

Course Outline
HEALTH CARE CONCEPTS – BIOPHYSICAL

Comfort
- Phantom Limb Pain
- Nerve Root Compression – chronic
- Pre-procedure
- Degenerative Disc Disease

Elimination
- Benign Prostate Hypertrophy (BPH) – Urinary Retention
- Diarrhea – Bowel Incontinence
• Gerontology – Urinary Incontinence
• Paralytic Ileus – Bowel Obstruction

**Functional Ability**
• Alzheimer’s
• Downs Syndrome
• Multiple Sclerosis
• Parkinson’s
• Cerebrovascular Accident

**Mobility**
• Hip Fractures
• Disuse syndrome
• Joint Replacement
• Osteoarthritis
• Osteoporosis

**Nutrition**
• Obesity
• Malnutrition
• Iron deficiency Anemia
• Dysphagia

**Sensory Perception**
• Cataracts
• Conductive Hearing Loss
• Macular Degenerative Disease
• Peripheral Neuropathy
• Neural Hearing Loss
• Glaucoma
• Eye Injuries

**Sleep**
• Sleep Deprivation
• Insomnia
• Sleep Apnea

**Thermoregulation**
• Environmental Exposure
• Hypothermia – Frost Bite, Infant
• Hyperthermia – Heat Stroke in Elderly
• Fever
• Malignant Hyperthermia

Tissue Integrity
• Dermal Ulcer
• Impetigo
• Psoriasis
• Wound (surgical/traumatic)
• Tinea Pedis
• Candida
• Pediculosis

HEALTH CARE CONCEPTS – PSYCHOSOCIOCULTURAL

Diversity
• Hispanic Traditions – Maternity with Complementary/Alternative Medicine
• Jehovah’s Witness – Blood Products, Pediatrics
• Traditional Islamic – Ritual dying Patient
• Spiritual distress

Grief
• Job Loss
• Terminal Illness

Human Development*

* only the concept is covered – no exemplars

Required Textbooks & Equipment

Elsevier Publishing – Package (with or without E-books)
St. Louis: Mosby Elsevier.

Semester syllabus (Available on-line & must be purchased each semester).
Associate Degree Nursing Program student handbook (Available on-line).

REQUIRED SUPPLIES
Stethoscope, Watch with second hand

Course Requirements
The student is required to take 5 unit tests and a comprehensive final. The student is expected to participate in in-class, simulation and other lab activities, and complete assigned requirements. These activities will be combined for a participation grade that will count as a test grade. This grade cannot be dropped. The student must have a passing average on the unit tests and final in order to be able to pass the course, regardless of whether the participation grade raises to an above passing average.

- See the Evaluation Policy in the student handbook for grading and progression information.
- See the Attendance Policy in the student handbook for attendance requirements.
- See the Policy for Test Taking/Grade information in the student handbook for information on testing.

Last Revised: 08/15