Texas Concept-Based Curriculum  
El Centro College ADN Program  
RNSG 1324 – Concept-Based Transition to Professional Nursing Practice  
51110

<table>
<thead>
<tr>
<th>SEMESTER HOURS</th>
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<td>CONTACT HOURS</td>
<td>LECTURE: 3</td>
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<td>PREREQUISITES:</td>
<td>ADMISSION TO THE ADN TRANSITION PROGRAM</td>
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<td>COREQUISITES:</td>
<td>RNSG 1126,1118</td>
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Course Description

Integration of previous health care knowledge and skills into the role development of the professional nurse as a provider of patient-centered care, patient safety advocate, member of health care team, and member of the profession. Emphasis is on clinical decision-making for patients and their families. Review of selected health care and professional nursing concepts with application through exemplars. Health care concepts include comfort, diversity, elimination, functional ability, human development, mobility, nutrition, sensory perception, sleep, coping, thermoregulation, tissue integrity, acid-base balance, clotting, cognition, fluid and electrolyte balance, gas exchange, immunity, metabolism, nutrition, grief, and perfusion. Professional nursing concepts include clinical judgment, communication, ethical-legal, evidenced-based practice, health promotion, informatics, patient-centered care, patient education, professionalism, safety, and team/collaboration. Introduces concept of leadership and management. 
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 health care concepts to manage care for diverse patients across the lifespan.
2. Describe the interrelatedness between health care concepts to assist in developing clinical judgement.
3. Describe the attributes and roles of the professional nurse including leadership, management and principles of delegation.
4. Apply a systematic problem solving process for the development of clinical judgement.
5. Discuss the legal-ethical parameters for professional nursing practice including the Nursing Practice Act and the ANA Code of Ethics as related to selected exemplars.
6. Utilize professional communication techniques in providing patient-centered care and collaborating with members of the health care team.
7. Identify health promotion needs for diverse patients across the life-span.
Course Outline

HEALTH CARE CONCEPTS - BIOPHYSICAL

Acid Base Balance
- Diabetic Ketoacidosis (DKA) – Metabolic Acidosis
- Hyperventilation-(birthing mother, panic attack) – Respiratory Alkalosis
- Gastro-intestinal Losses – (pediatric) – Metabolic Alkalosis
- Drug Overdose with Hypoventilation – Respiratory Acidosis

Clotting
- Hemophilia
- Deep Vein Thrombosis (DVT)

Comfort
- Nerve Root Compression – chronic
- Pre-procedure medication
- Sickle Cell Pain
- Renal Calculi

Elimination
- Benign Prostate Hypertrophy (BPH) – urinary retention
- Incontinence
- Diverticulitis
- Clostridium Difficile
- Crohn’s Disease

Fluid & Electrolyte Balance
- Dehydration – Gastroenteritis
- Extracellular Fluid Volume Excess
- Hypokalemia
- Hyperkalemia - Chronic Renal Failure
- Hyponatremia - Syndrome of antidiuretic Hormone (SIADH)
- Hypernatremia – Diabetes Insipidus (DI)
- Hypophosphatemia
- Hyperphosphatemia
- Hypomagnesemia
- Hypermagnesemia
Functional Ability
- Multiple Sclerosis
- Parkinson’s
- Cerebrovascular Accident

Gas Exchange
- Asthma
- Chronic Obstructive Pulmonary Disease (COPD)
- Pneumonia - Aspiration
- RSV/Bronchiolitis

Mobility
- Hip Fractures
- Joint Replacement

Immunity
- Vaccines
- Otitis media
- Urinary Tract Infection
- Trauma-sprain

Metabolism
- Diabetes Type 1
- Diabetes Type 2
- Gestational Diabetes
- Graves’ Disease – Hyperthyroidism
- Hypothyroidism
- Addison’s Disease – Hypo-Cortisolism
- Cushing’s – Hyper-Cortisolism

Nutrition
- Obesity
- Iron deficiency Anemia
- Cardiovascular
- Malnutrition
- Malabsorption Syndromes
Perfusion
- Congestive Heart Failure
- Hypertension
- Pregnancy Induced hypertension (PIH)
- Mitral Valve Prolapse
- Coronary Artery Disease (CAD)
- Tetralogy of Fallot (congenital)
- Peripheral Vascular Disease (PVD)

Sensory Perception
- Conductive Hearing Loss
- Peripheral Neuropathy (peripheral artery disease)
- Sensory Neural Hearing Loss
- Glaucoma
- Eye Injuries

Sleep
- Sleep Deprivation
- Sleep Apnea

Thermoregulation
- Environmental Exposure
- Fever
- Malignant Hyperthermia

Tissue Integrity
- Dermal Ulcer
- Impetigo
- Wound (surgical/traumatic)
- Candida

HEALTH CARE CONCEPTS - PSYCHOSOCIOCULTURAL

Cognition
- Alzheimer’s Disease/Dementia
- Delirium
- Down Syndrome
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Coping
- Anxiety
  Generalized Anxiety Disorder
  Panic Disorder
  Obsessive Compulsive Personality Disorder
  Phobia
  Separation Anxiety (Developmental)
  Eating Disorders
  Anorexia Nervosa
  Bulimia
- Stress
  Post-Traumatic Stress Disorder
  Divorce
  Peptic Ulcer Disease
- Substance Abuse/Addictive Behaviors
  Alcoholism
  Neonatal Abstinence Syndrome

Diversity
- Hispanic Traditions – Maternity w 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

PROFESSIONAL NURSING CONCEPTS

Clinical Judgment
- Nursing Process
- Critical Thinking
- Clinical Decision Making
Starting Oxygen
Recognizing Anaphylaxis
Patient Education
Medication Management
When to Contact Health Care Provider

Communication
• Interpersonal
  Therapeutic
  Interviewing
  Effective Listening
• Inter-professional
  SBAR
  Documentation
• Intra-personal
  Self-talk

Ethics & Legal precepts
• Nursing Practice Act
• Social Media (HIPPA)
• Criminal Law
• Civil Law
• ANA Code of Ethics

Evidence-Based Practice
• Best Practices and Standards (related to course content)

Health Information Technology*

Health Promotion
• Obesity

Leadership & Management
• Delegation

Patient-Centered Care
• Advocacy
  • Prioritizing Individualized Care
Patient education

- Eye surgery patient
- Nutrition to group of teenagers

Professionalism

- Roles of the Nurse (DECS)
- Chain of Command
- Attributes of the Profession

Safety

- Standard Precautions
- National Patient Safety Goals
- Environmental Safety & Medication Administration
- Time Outs

Teamwork & Collaboration

- Patient Plan of Care
- Group Process
- Conflict Management Strategies
- Assertive Communication
- OR Team

* only the concept is covered – no exemplars

Required Textbooks & Equipment

*Elsevier Publishing – Package*


St. Louis: Mosby Elsevier.

*Semester syllabus*
*Associate Degree Nursing Program student handbook*
*ExamSoft*

*http://www.bon.texas.gov/nursinglaw/npa.html*

**Course Requirements**
To be determined later

*Last Revised 08/15*