

**RIVERSIDE CITY COLLEGE SCHOOL OF NURSING**  
**Expanded Computer Assisted Instruction (CAI) List by Category & subtopics**

This menu is an expanded version of the CAI menu, showing what is included in each program. Where available, approximate time of DVD-type programs is listed after the title. This menu is available online at: <http://www.rcc.edu/academicPrograms/nursing/studentInformation.cfm>

<b>Nursing CAIs</b>
<p><b><u>Anatomy and Physiology</u></b></p> <p>Integumentary system and wounds: Phys Whiz II (2002, College of DuPage)</p> <ul style="list-style-type: none"> <li>· Structures of the integumentary system</li> <li>· Functions of the integumentary system</li> <li>· Types of wounds and wound care</li> <li>· Test bank</li> </ul> <p>Interactive Physiology (2003, Benjamin Cummings Pearson Education Inc.)</p> <ul style="list-style-type: none"> <li>· Muscular system</li> <li>· Nervous system I &amp; II</li> <li>· Cardiovascular system</li> <li>· Respiratory system</li> <li>· Urinary system</li> <li>· Fluids &amp; electrolytes</li> <li>· Endocrine system</li> </ul> <p>Musculoskeletal system: PhysWhiz II (2002, College of DuPage)</p> <ul style="list-style-type: none"> <li>· Introduction to musculoskeletal system</li> <li>· Functions and structures of the musculoskeletal system</li> <li>· Effects of aging on the musculoskeletal system</li> <li>· Self test</li> </ul> <p>Neonate: PhysWhiz II (2002, College of DuPage)</p> <ul style="list-style-type: none"> <li>· Cardiovascular system</li> <li>· Gastrointestinal system</li> <li>· Hematopoietic system</li> <li>· Immune system</li> <li>· Metabolic &amp; endocrine system</li> <li>· Musculoskeletal system</li> <li>· Nervous system</li> <li>· Respiratory system</li> <li>· Sensory system</li> <li>· Urogenital system</li> <li>· Self-test</li> </ul> <p>The Brain: PhysWhiz II (2002, College of DuPage)</p> <ul style="list-style-type: none"> <li>· Structure and physiology of the brain</li> <li>· Changes with aging</li> <li>· Self test</li> </ul> <p>The Spinal system: PhysWhiz II (2002, College of DuPage)</p> <ul style="list-style-type: none"> <li>· General information about the spinal system</li> <li>· The spinal cord</li> <li>· Spinal peripheral nerves</li> <li>· Changes with aging</li> <li>· Self test</li> </ul> <p>Normal Pregnancy: PhysWhiz II (2002), College of DuPage</p> <p>Labor &amp; Delivery: PhysWhiz II (2002), College of DuPage</p> <p>Postpartum: PhysWhiz II (2002), College of DuPage</p>
<p><b><u>Assessment</u></b></p> <p>Heart Sounds (web based): <a href="http://www.bioscience.org/atlasses/heart/sound/sound.htm">http://www.bioscience.org/atlasses/heart/sound/sound.htm</a></p> <p>Heart Sounds (web based): <a href="http://www.wilkes.med.ucla.edu/intro.html">http://www.wilkes.med.ucla.edu/intro.html</a></p> <p>Heart Sounds (web based): <a href="http://sci.sdsu.edu/multimedia/heartsounds">http://sci.sdsu.edu/multimedia/heartsounds</a></p>

Lung Sounds (web based): <http://www.rale.ca/>  
 The Ten Minute Assessment of the Adult - DVD (Concept Media, 2005)

- Inpatient Assessment ~20"
- Outpatient Assessment ~23"
- Self-grading test

Physical Assessment of the Neonate (2003, Concept Media)

### **ATI Modules eBooks**

2007 RN Review Modules

- Adult Medical-Surgical RN 7.1
- Community Health 4.0
- Fundamentals 6.0
- Leadership & Management 4.0
- Maternal-Newborn RN 7.1
- Mental Health RN 7.0
- Nursing Care of Children RN 7.0
- Pharmacology 4.1

### **Communication**

Caring for Individuals with Cognitive and Sensory Challenges-DVD (Concept Media, 2004)

- Cognitive Impairment ~21.5"
- Hearing Impairment ~ 19.5"
- Visual Impairment ~ 18.5"
- Self-grading test

Conflict Resolution (1999, College of DuPage)

- Overview of conflict
- Sources of conflict
- Five stages of conflict
- Strategies for conflict resolution
- Resolving conflict using a problem solving approach
- Test bank

Establishing Rapport and Trust : Communication Skills (1997, Williams & Wilkins)

- Why practice good communication?
- Interact with Constance
- Communication quiz

Identifying Underlying Anxiety : Communication Skills (1997, Williams & Willkins)

- Case study

Nurse-Patient Interaction (2 discs) (1997, Concept Media) (*Icons on desktop*)  
 (Techniques of therapeutic communication)

- Encouraging conversation
- Helping the patient express thoughts and feelings
- Insuring mutual understanding

(Blocks to therapeutic communication)

- Using reassuring cliches
- Giving advice
- Giving approval
- Requesting an explanation
- Agreeing with the patient
- Expressing disapproval
- Belittling patient's feelings
- Disagreeing with the patient
- Defending
- Making stereotyped comments
- Changing the subject

Transcultural perspectives in nursing (3 discs) (1998, Concept Media) (*Icons on desktop*)

**Community Health Nursing**

Community Health Nursing Case Studies (2003, Delmar)

- Sara Khala-13 year old
- Andrew Ducheck-working in small pulp & paper mill for 15 yrs
- Tyler Steele- 15 yr old
- Angelica Vigil- 42 yr old Latina
- Sean Weaver-Youth in nursing office
- Jerry, Becky, Stan, & Jose-construction workers
- Kim Wong-environmental; several employees sick
- Paulo Santelli-7 yr old exposed to chickenpox
- Jack Schmidt-senior center; volunteers c/o breathing problems, eyes & throat irritation
- Sophia Mendez-daycare worker ill
- Violet Cipoletti-32 yr old with Down's Syndrome
- Bonnie Wilkins-30 yr old overweight, rural living
- Gerald Jenks-25 yr old nursing assistant with severe itching
- Stella & Maria Mendoza-32 yr old mother of 3; gardening & gives nurse some lettuce
- Chen Yang-17 yr old with breathing problems at school
- Mrs. Normal Lamabull-IDDM
- Mark Guillen-43 yr old; broken hand, no insurance
- Chev Buljabasic-22 yr old; agitated, restless, nosebleed
- Amy Esguera-4 yr old with pinworms in daycare
- Miles Luchterhand-student nurse with Mr. Rosenthal-92 yr old with terminal lung cancer
- James & Eduard-Both late 40's, gay. One with chemical dependency, one with black eye, frightened, upset
- Nicholas Igaluk-24 yr old; rural village, c/l thirst, diuresis, lethargy
- Josh Claassen-17 y/o c/o nausea, fatigue X 1wk
- Mrs. Edna Miller-elderly, recently widowed, lives alone
- Tam Duc-16 yr old with 1 month old baby-at clinic disheveled and no shoes

**Critical Care**

Clinical Wisdom and Interventions in Critical Care (2000, Saunders)

- Thinking in action in critical care

Critical Care Nursing made Incredibly Easy (Springhouse, 2001)

- Endless lecture
- Tedious textbook torture
- Problem patient
- Fundamental concepts
- Trauma
- Multisystem disorders
- Cardiovascular system
- Respiratory system
- Neurological system
- Gastrointestinal system
- Genitourinary system
- Endocrine system
- Hematologic system

**SoftwareforNurses (web based): Critical Care Series** <http://softwarefornurses.com> **First time users** click "Enroll now." Institution code = **S5740**

- \*\*\* Critical Care: Cardiovascular
- \*\*\* Critical Care: Endocrine
- \*\*\* Critical Care: Gastrointestinal
- \*\*\* Critical Care: Neurological
- \*\*\* Critical Care: Respiratory
- \*\*\* Critical Care: Recognizing common dysrhythmias

Critical thinking: The client with a myocardial infarction (2003, College of DuPage)

ECG Self-Paced Module (2007, RHORC)

Nursing Station 2000: ABG's, CBC, EKG, UA (2000, Nursing Dynamics, Inc.)

**Critical Thinking/Nursing Process**

Critical Thinking in the Nursing Process (2000, Concept Media)

Critical Thinking Tutorial (2003, College of DuPage)

- Theories & definition of critical thinking
- Major thinking processes
- Thinking skills used in critical thinking
- Self test

The Nursing Process (2003, Concept Media)

**Diabetes DVD Series (Concept Media)**

- Cardiovascular Disease & the Diabetic Foot (Concept Media, 2004) ~ 22"
- Hypoglycemia, Hyperglycemia, & glucose monitoring (Concept Media, 2004) ~ 25.5"
- Insulin & Oral Antidiabetic Agents (Concept Media, 2004) ~ 25"
- Neuropathy, Nephropathy, Retinopathy (Concept Media, 2004) ~24"
- Nutrition, Therapy, Exercise, & Sick Day Management (Concept Media, 2004) ~26"
- Pathophysiology of Diabetes (Concept Media, 2004) ~ 13"
- Physiology of Glucose Regulation (Concept Media, 2004) ~ 21"

**Dosage Calculation**

Calculating Drug Dosages (2006, F.A. Davis)

- Basic math review
- Methods of calculation
- Systems of measurement
- Intake and output
- Reading medication labels
- Administration of oral meds
- Syringes and needles
- Administration of parenteral meds
- Reconstitution of powdered meds
- IV calculations
- Pediatric calculations
- Titration of IV meds

Davis Dosage Calculator

**EDGT.com (web based): [www.edgt.com](http://www.edgt.com) Student-Access-Key = S-AK-2571-6380**

**Medications and dosage calculation**

- \*\*\* Math Magic for Medications II (Educational Global Technologies)
- \*\*\* Medication Maestro: Giving Oral Meds (Educational Global Technologies)
- \*\*\* Medication Maestro: Safe Administration of Medications (Educational Global Technologies)
- \*\*\* Pharmacology Basic Principles (Educational Global Technologies)

**IVs, Fluid Balance, Acid-base**

**Softwareforurses.com (web based) Clinical Nursing Concepts: <http://softwareforurses.com>**

**First time users** click "Enroll now." Institution code = **S5740**

- \*\*\* Acid-base balance
- \*\*\* Fluid & electrolyte balance

Fluid & Electrolytes 2E Workstation (2004, Delmar Publishing)

First Name: **Nursing** Last Name: **Student** Password: **student**

- Body fluids
- Fluid imbalance
- Electrolytes
- Acid-base
- IV therapy
- Clinicals
- Reports
- (exams for each section)

**Fluid & Electrolytes, disc 1 and 2 (2000, Concept Media)**

- I&O of fluids
- Distribution of body fluids
- Basic properties
- Movement of fluid & electrolytes
- IV fluids
- Role of kidney
- Regulatory mechanisms
- Function of electrolytes
- Test

**Kaiser Health Connect Orientation****Lab and Diagnostics****Laboratory and Diagnostic tests (2002, Delmar)****( Body systems and functions)**

- Cardiovascular
- Endocrine
- Lymphatic
- Pulmonary

**(Case studies)**

- Diabetic complications
- Sickle cell anemia
- Acute renal failure
- Cardiac
- Thyroid problems

**(Test types)**

- 17-hydroxycorticosteroids
- Blood typing & crossmatching
- Cholesterol
- Thyroid function tests
- Blood tests
- Endoscopy
- Nuclear medicine
- Urine

**(Skills)**

- Performing aseptic punctures
- Measuring blood glucose levels
- Handwashing
- Donning cap & mask

**Legal and Ethical Issues****Cultural Competence (Concept Media, 2004)**

- Assessment challenges in a multicultural environment ~21”
- Becoming culturally competent ~17.5”
- Cultural diversity and healthcare ~ 18”
- Self grading test

**Effective Palliative Care (Concept Media , 2005)**

- Part I - Transition to palliative care
  - Self grading test
- Part 2 – Team approach to palliative care
  - Self grading test
- Part 3 – Bereavement Issues in Palliative Care
  - The patient
  - The family
  - Children
  - Spirituality
  - Healthcare worker

- Self grading test

Ethical Issues in Nursing (Concept Media, 2005)

- Commitment to patients, professionalism, and boundaries
- Introduction to concepts, values, values, decision making
- Protection of privacy, safety, & standards
- Respect of dignity, autonomy, & relationships
- Self grading tests

### **Medical-Surgical**

**Softwareforurses.com (web based): Adult Health Series:** <http://softwareforurses.com> **First time users** click "Enroll now." Institution code = **S5740**

- \*\*\* Nursing and perioperative nursing (web-based)
- \*\*\* Cardiovascular Health Problems
- \*\*\* Endocrine Health Problems
- \*\*\* Eye/Ear Health Problems
- \*\*\* Gastrointestinal Health Problems
- \*\*\* Genitourinary Health Problems
- \*\*\* Hematologic Health Problems
- \*\*\* Hepatic-Biliary Health Problems
- \*\*\* Musculoskeletal Health Problems
- \*\*\* Neurological Health Problems
- \*\*\* Peripheral-Vascular Health Problems
- \*\*\* Respiratory Health Problems

**Softwareforurses.com (web based): Clinical Nursing Concepts:** <http://softwareforurses.com> **First time users** click "Enroll now." Institution code = **S5740**

- \*\*\* Inflammation, Infection & Wound Healing
- \*\*\* Perioperative Care

Critical thinking: The client with AIDS (2003, College of DuPage)

Critical/Surgical Care Nursing Skills (2000, Delmar)

Critical Thinking: The client with diabetes mellitus (2003, College of DuPage)

Medical-Surgical nursing made easy (2001, Springhouse)

- Fundamentals of medical-surgical nursing
- Health promotion & assessment
- Cardiovascular system
- Respiratory system
- Neurosensory system
- GI system
- Genitourinary & reproductive system
- Endocrine system
- Musculoskeletal system
- Integumentary system
- Hematologic & immune system

**Softwareforurses.com (web based): Perioperative series:** <http://softwareforurses.com> **First time users** click "Enroll now." Institution code = **S5740**

- \*\*\* The operating room
- \*\*\* The post anesthesia care unit

Post-op Care: The nursing process (Disc 2) (1998, Concept Media)

- Case study: Cholecystectomy

Pre-op Care: The nursing process (Disc 1) (1998, Concept Media)

- Case study: Inguinal hernia repair

### **Mental Health**

Domestic Violence (2000, College of DuPage)

- Focus on the facts
- General information about domestic violence
- Screening, assessment, & intervention
- Test bank

## Facts on Alcohol (2003, Cambridge)

- Alcohol overview
- How alcohol works
- Effects of alcohol
- Risk and consequences
- Alcohol treatment and counseling
- Additional resources

## Facts on Drugs (2003, Cambridge)

- Drug abuse & addiction
- Cocaine & crack
- Heroin
- PCP
- Inhalants
- Marijuana
- Methamphetamine
- Steroids
- Other drugs
- Prevention and treatment
- Additional resources

## Mental Health and Psychiatric Nursing Review Series (2001, Lippincott)

- 200 review questions

**EDGT Mental Health Series: (web based):** [www.edgt.com](http://www.edgt.com) Student-Access-Key = **S-AK-2571-6380**

- \*\*\* Promoting Wellness: Bipolar disorders
- \*\*\* Promoting Wellness: Generalized anxiety disorders
- \*\*\* Promoting Wellness: Depression
- \*\*\* Promoting Wellness: Obsessive-compulsive disorder
- \*\*\* Promoting Wellness: Schizophrenia

**SoftwareForNurses Psychiatric Series (web based):** <http://softwarefornurses.com> First time users click "Enroll now." Institution code = **S5740**

- \*\*\* Psych: Anger, Hostility & Aggression
- \*\*\* Psych: Anxiety
- \*\*\* Psych: Crisis
- \*\*\* Psych: Depression and Elation
- \*\*\* Psych: Disorientation and Sensory Misperceptions
- \*\*\* Psych: Mistrust
- \*\*\* Psych: Severe Persistent Mental Disorders
- \*\*\* Psych: Substance Abuse
- \*\*\* Psych: Withdrawal and Regression

## Psychiatric nursing made easy (2001, Springhouse)

- Endless lecture
- Fundamentals of psychiatric care
- Schizophrenia and other psychiatric disorders
- Mood disorders
- Anxiety disorders
- Personality disorders
- Cognitive disorders
- Eating disorders
- Substance abuse disorders
- Miscellaneous disorders
- Special topics

## Psychotropic Medications (2005, Concept Media)

- Anxiety disorders
- Assessment, interventions, and treatment
- Bipolar disorders
- Depression
- Schizophrenia

## Schizophrenia (2005, Concept Media)

- The community response
- Effects on daily life

- The Client With AIDS: Critical thinking (2003, College of DuPage)
- Case study
- The Client with Schizophrenia: Critical thinking (2003, College of DuPage)
- Case study

### **NCLEX test-taking**

- Fluid & Electrolytes Electronic Learning Program (2004, Delmar Publishing)  
 Name: **Nursing** Password: **Student**
- NCLEX-PN 2500 (2004, Lippincott)  
 NCLEX-RN 3500 (2006, Lippincott)  
 Pediatric Review Series (2001, Lippincott)  
 Test-taking PN MEDS steps to success (2000, MEDS publishing)  
 Test-taking RN MEDS steps to success (2000, MEDS publishing)

### **Nursing Management and Leadership**

- Nursing Management and Leadership Part 1 (MEDS publishing)  
 (Concepts of management)
- Leadership
  - Management
  - Power
  - Group dynamics/team work
  - Change
  - Communication
  - Conflict
- (Delegation/supervision)
- The nurses role
  - Accountability
  - Components
- Nursing Management and Leadership Part 2 (MEDS publishing)  
 (Management)
- Quality management
  - Variables/incident reports
  - Resource management
  - Continuity of care
  - Case management
  - Consultation & referral
- (Ethical issues)
- Ethical practice
  - Organ donation
  - Advanced directives
- (Legal Issues)
- Informed consent
  - Client rights
  - Legal responsibilities
  - Advocacy

### **Obstetrics**

- Nursing assessment of the postpartum patient (2003, Concept Media)
- Assessments during the 4<sup>th</sup> stage of labor
  - Ongoing physical assessment
  - Psychosocial assessments
  - Exam
- Physical assessment of the neonate (2003, Concept Media)
- Immediate safety checks
  - Complete physical assessment
  - Exam

Maternal-neonatal made incredibly easy (2001, Springhouse)

- Reproductive system
- Family planning
- Genetics
- Antepartum care
- High risk antepartum
- Intrapartum care
- High risk intrapartum care
- Postpartum care
- Neonatal care
- High risk neonatal care

Maternal-Newborn Nursing Review Series (Lippincott, 2001)

- 200 review questions

Maternity Nursing I: clinical simulations (1997, Williams & Wilkins)

- A complicated delivery: prolonged labor
- Assessment of a newborn
- Normal labor, birth & postpartum
- Pregnancy complicated with PIH

Maternity Nursing II: clinical simulations (1997, Williams & Wilkins)

- Preterm labor & care of a preterm neonate
- Pregnancy complicated by an STD
- Adolescent pregnancy & prenatal education
- A maternity client at risk

Physical assessment of the neonate (2003, Concept Media)

- Immediate safety checks: Apgar, brief exam, surface scan
- Complete physical assessment
- Assessments by body regions
- Equipment & methods

Postpartum Nursing Assessment (2003, Concept Media)

- Assessments during the 4<sup>th</sup> stage of labor
- Ongoing physical assessments
- Psychosocial assessments

The Female reproductive system: PhysWhiz II (2002, College of DuPage)

Normal Pregnancy: PhysWhiz II (2002), College of DuPage)

Labor & Delivery: PhysWhiz II (2002), College of DuPage

Postpartum: PhysWhiz II (2002), College of DuPage

**SoftwareForNurses- (web based) Maternity Series:** <http://softwarefornurses.com> First time users click "Enroll now." Institution code = **S5740**

\*\*\* Normal pregnancy

\*\*\* Problems with pregnancy

The Neonate with an infection: Critical Thinking (2003, College of DuPage)

- Nursing case studies, teaching critical thinking

## **Pain**

Pain II: The Nurse's Active Role in Opioid Administration (2000, Lippincott)

- Routes of opioid administration
- Terminology
- Patient controlled analgesia
- Nurse's active role in opioid administration
- Misconceptions related to epidural analgesia
- Intraspinial analgesia for acute pain
- Considerations and complications related to intraspinal administration
- Common side effects of opioid administration

Pain: Assessment and Overview of Analgesics (2000, Lippincott)

**Pediatrics**

Pediatric Heart Sounds (2002, Concept Media)

- Auscultating heart sounds, normal and abnormal
- ASD, VSD, functional murmur, aortic stenosis, pulmonic stenosis, mitral valve regurg, PDA, tetralogy of fallot, wave form comparison

Pediatric Nursing Review Series (2001, Lippincott)

- 200 study questions

Pediatric Nursing I: Clinical simulations (2000, Lippincott)

- Preschooler with meningitis
- School age child with head injury
- Toddler hospitalized following a seizure
- Infant with vomiting

Pediatrics made Incredibly Easy (2001, Springhouse)

- Fundamentals
- Cardiopulmonary care
- Neurosensory care
- Gastrointestinal care
- Genitourinary care
- Endocrine & metabolic care
- Hematologic care
- Infectious and immunologic care
- Musculoskeletal care
- Integumentary care
- Mental health & emergencies

**SoftwareForNurses.com: (Web-Based): Pediatrics:** <http://softwareforurses.com> First time users click "Enroll now." Institution code = **S5740**

\*\*\* Chronic pediatric health problems

\*\*\* Out-patient peds

\*\*\* Pediatric respiratory health problems

Neonate with an infection: Critical Thinking (2003, College of DuPage)

- Nursing case studies, teaching critical thinking

Physical assessment of the newborn (2003, Concept Media)

- Immediate safety checks: Apgar, brief exam, surface scan
- Complete physical assessment
- Assessments by body regions
- Equipment & methods

**Pharmacology**

**SoftwareForNurses.com- Pharmacology (Web-Based):** <http://softwareforurses.com> First time users click "Enroll now." Institution code = **S5740**

\*\*\* Pharmacodynamics & the administration of meds: Non-parenteral

\*\*\* Pharmacodynamics & the administration of meds: Parenteral

Davis Drug Calculator

Davis Drug Guide Look-up

Davis Drug Guide Med Errors Self-Test

Davis Drug Guide Online

**EDGT medication series (web-based):** [www.edgt.com](http://www.edgt.com) Student-Access-Key = **S-AK-2571-6380**

\*\*\* Basic principles of pharmacology

\*\*\* Math Magic for Medications II

\*\*\* Medication Maestro: Giving Oral Medications

\*\*\* Medication Maestro: Safe Administration of Medications

Medication administration I: Oral, Topical and Inhalation (2001, Lippincott)

Medication administration II: Injectables (2001, Lippincott)

Nursing Pharmacology made incredibly easy (2001, Springhouse)

Pharmacology I: Clinical Simulations (2001, Williams & Wilkins)

Psychotropic medications (Concept Media, 2005)

- Anxiety disorders
- Assessment, interventions, and treatment
- Bipolar disorders
- Depression
- Schizophrenia

### **Problem Solving/ Simulated Hospitals**

Critical Thinking : A Tutorial (2003, College of DuPage)

- Theories & definition of critical thinking
- Ennis' theory of critical thinking
- Hatcher's theory of critical thinking
- Paul's theory of critical thinking
- McPeck's theory of critical thinking
- Major thinking processes
- Analysis of data
- Critical thinking in nursing process
- Argument analysis
- Considerations of biases & ethical dilemmas
- Prioritization & delegation of care
- Problem solving
- Thinking skills used in critical thinking
- Basic level thinking skills
- Gathering data
- Providing nursing care
- Evaluating responses

Critical Thinking in the Nursing Process (2003, College of DuPage)

**EDGT (web based):** [www.edgt.com](http://www.edgt.com) Student-Access-Key = **S-AK-2571-6380**

\*\*\* Strategies for Problem Solving

Thumbs up game (learning game) (2000, College of DuPage)

- Acid base balance
- Alteration in GI function
- Alteration in hepatobiliary tract & pancreas
- Cardiac infectious disorders, valvular disorders, & cardiac surgery
- Female reproduction & the fetus
- Heart failure
- Hypertension
- Infection control
- Mechanical & regulatory properties of the heart
- MI
- Nursing care of the patient with alterations in GI tract
- Nursing process
- Pediatric respiratory infection
- Personality disorders
- Stroke
- Structures and functions of the heart
- Structures and functions of the GI tract
- The Great Salt Lake
- Understanding basics of fluid & electrolytes
- Urinary system A&P, disorders
- When Fluids Wander
- Cesarean pt
- Depressed pt
- Schizophrenic pt

The Nursing Process (2003, Concept Media)

**References**

Stedman's Medical Dictionary 6.0 (2004, Lippincott)

**Skills**

Advanced Nursing Skills (2005, Mosby)

- Administering IV fluid therapy
- Injections
- Iv meds
- Non-parenteral meds
- Safe medication administration
- Vascular access

Basic Nursing Skills (2005, Mosby)

- Basic principles
- Bathing
- Bedmaking
- Body mechanics and exercise
- Measurements
- Normal elimination
- Nutrition & fluids
- Personal hygiene & grooming
- Safety & restraints
- Preventing & treating pressure ulcers
- Transfers
- Transporting patients
- Emergencies
- Vital signs
- Measurements
- I&O
- First aid
- Diabetic emergencies
- CPR
- Hygiene
- Bedmaking
- Bathing
- Communication
- Answering the phone
- Ethics
- Hot & cold application
- Microscope
- Autoclave

Intermediate Nursing Skills (2005, Mosby)

- Enteral nutrition
- Ostomy care
- Preoperative nursing care
- Specimen collection
- Urinary catheter management
- Managing intravenous fluid therapy
- Oxygenation
- Postoperative nursing care
- Suctioning
- Wound care

Delmar's Fundamental and Advanced Nursing Skills (2003, Delmar)

- Physical assessment
- Safety and Infection Control
- Client care and comfort
- Basic Care
- Medication Administration

- Nutrition and Elimination
- Oxygenation
- Circulation
- Skin integrity and wound care
- Immobilization and support
- Special procedures
- Taylor Nursing Skills Streaming Videos (<http://ratched.acad.rccd.net/cai.html>): Only accessible on campus
  - Module 1: Vital Signs (29 min)
    - Oral temp, radial pulse, respiratory rate, blood pressure
    - BP with an automatic electronic device
    - Tympanic temperature
    - Rectal temperature
    - Axillary temperature
    - Apical pulse
    - Unexpected situations
  - Module 2: Asepsis (24 min)
    - Performing hand hygiene
    - Preparing a sterile field: Packaged drape & individually packaged supplies
    - Putting on sterile gloves
    - Removing sterile gloves
    - Removing soiled gloves
    - Preparing sterile field: prepackaged kits
    - Putting on personal protective equipment
    - Unexpected situations
  - Module 3: Oral and Topical Medications (35 min)
    - Three checks & five rights of medication administration
    - Preparing unit-dose packaged medications
    - Administering oral medications
    - Removing a medication tablet from a bottle
    - Splitting tablet medication
    - Preparing liquid medication
    - Preparing transdermal patch
    - Administering transdermal patch
    - Preparing eye and ear drops
    - Administering rectal suppository
    - Unexpected situations
  - Module 4: Injectable Medications (29 min)
    - Preparing medication from an ampule
    - Preparing medication from a vial
    - Mixing two insulins in one syringe
    - Administering an intradermal injection
    - Administering a subcutaneous injection
    - Administering an intramuscular injection
  - Module 5: Intravenous Medications (26 min)
    - Administering IV medications by piggyback infusion
    - Administering IV medications by using a mini infusion pump
    - Administering IV medications by using a volume control administration set
    - Administering medication bolus through a medication or IV lock
    - Unexpected situations
  - Module 6: Perioperative Nursing (33 min)
    - Preoperative teaching
    - Deep Breathing exercises
    - Splinting and coughing
    - Incentive Spirometry
    - Postoperative leg exercises
    - Turning properly in bed
    - Preoperative nursing care the day of surgery
    - Postoperative nursing care on the day of surgery

- applying a pneumatic compression device
- Unexpected situations
- Module 7: Hygiene (37 min)
  - Making an unoccupied bed
  - Giving a bed bath and changing an occupied bed
  - Assisting a patient with oral care
  - Unexpected situations
- Module 8: Skin Integrity and Wound Care (26 min)
  - Cleaning a surgical wound & applying a dry sterile dressing
  - Obtaining a wound culture
  - Irrigating a wound using sterile technique
  - Applying a warm sterile compress
  - Unexpected situations
- Module 9: Activity (30 min)
  - Turning a patient in bed
  - Providing range of motion exercises
  - Assisting a patient up in bed: One nurse working alone
  - Assisting the patient up in bed: Two nurses working together
  - Assisting a patient from a bed to a stretcher: Three nurses working together
  - Assisting a patient into a wheelchair
  - Unexpected situations
- Module 10: Nutrition (33 min)
  - Inserting a nasogastric tube
  - Administering a continuous tube feeding: Using a feeding pump and a prefilled, closed tube feeding setup
  - Administering an intermittent tube feeding: Using a gravity set-up & an open feeding bag setup
  - Irrigating a nasogastric tube
  - Removing a nasogastric tube
  - Unexpected situations
- Module 11: Urinary Elimination (25 min)
  - Assisting with a urinal
  - Assisting with a bedpan
  - Applying a condom catheter
  - Caring for a urinary stoma
  - Unexpected situations
- Module 12: Indwelling and Intermittent Catheters (29 min)
  - Catheterizing the female urinary bladder: Intermittent catheter
  - Catheterizing the female urinary bladder: Indwelling catheter
  - Catheterizing the male urinary bladder: Intermittent catheter
  - Catheterizing the male urinary bladder: Indwelling catheter
  - Irrigating the urinary catheter using a closed system
  - Unexpected situations
- Module 13: Bowel Elimination (26 min)
  - Administering a large volume enema
  - Administering a small volume enema
  - Emptying an ostomy appliance
  - Changing an ostomy appliance
  - Unexpected situations
- Module 14: Oxygenation (27 min)
  - Measuring oxygen saturation using a pulse oximeter
  - Administering oxygen via a nasal cannula
  - Administering oxygen via an oxygen mask
  - Nasopharyngeal suctioning
  - Unexpected situations
- Module 15: Tracheostomy Care (21 min)
  - Suctioning a tracheostomy
  - Cleaning a nondisposable inner cannula and providing site care
  - Unexpected situations

- Module 16: Intravenous Therapy (28 min)
  - Monitoring an IV site, checking infusion rate, changing an IV solution container
  - Replacing an IV solution container and administration tubing
  - Changing a peripheral IV dressing
  - Capping an IV line for intermittent use
  - Connecting short extension tubing to an existing IV Catheter
  - Unexpected situations
- Module 17: Central Venous Access Devices (31 min)
  - Changing a central venous access device dressing
  - Accessing an implanted port
  - Flushing a peripherally inserted central catheter (PICC) line
  - Deaccessing an implanted port
  - Assessing a PICC line site
  - Obtaining blood samples from a CVAD
  - Unexpected situations