**Nursing CAI List**

**RIVERSIDE CITY COLLEGE SCHOOL OF NURSING**

**Computer Assisted Instruction (CAI) List by Category**

Nursing CAI programs are available in the Nursing Computer Lab in the School of Nursing (Rooms 255 & 256). Programs are divided into categories, shown here as separate sections. These section names coincide with the file folder names found under the "Nursing CAI" icon on the computers in the Nursing Computer Lab. **NOTE: Many videos are available related to the topics below from Nursing in Education Videos that are accessible from home.**

This document is available online under Student Information >> General Program Resources.

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<thead>
<tr>
<th><strong>Nursing CAIs</strong></th>
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<tbody>
<tr>
<td><strong>Alaris IV &amp; PCA pump</strong></td>
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<tr>
<td>• Alaris IV and PCA pump information (password: Alaris)</td>
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<thead>
<tr>
<th><strong>Anatomy and Physiology</strong></th>
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<tr>
<td>• Interactive Physiology (2003, Benjamin Cummings Pearson Education Inc.)</td>
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<tr>
<td>o Muscular system</td>
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<tr>
<td>o Nervous system I &amp; II</td>
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<tr>
<td>o Cardiovascular system</td>
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<tr>
<td>o Respiratory system</td>
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<tr>
<td>o Urinary system</td>
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<tr>
<td>o Fluids &amp; electrolytes</td>
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<td>o Endocrine system</td>
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<th><strong>Assessment</strong></th>
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<tr>
<td>• <strong>EDGT Assessment</strong>: <a href="http://www.edgt.com">www.edgt.com</a> Student-Access-Key = <strong>S-AV-7304-7574</strong></td>
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<tr>
<td>• Basic Head-to-Toe Assessment (Educational Global Technologies, Inc. (EDGT), 2012)</td>
</tr>
<tr>
<td>• The Ten Minute Assessment of the Adult-Inpatient (Concept Media, 2005)</td>
</tr>
<tr>
<td>o Inpatient Assessment ~ 20 minutes</td>
</tr>
<tr>
<td>o Outpatient Assessment ~ 23 minutes</td>
</tr>
<tr>
<td>• Heart Sounds (web based): <a href="http://www.wilkes.med.ucla.edu/intro.html">http://www.wilkes.med.ucla.edu/intro.html</a></td>
</tr>
<tr>
<td>• Heart Sounds (web based): <a href="http://sci.sdsu.edu/multimedia/heartsounds">http://sci.sdsu.edu/multimedia/heartsounds</a></td>
</tr>
<tr>
<td>• Lung Sounds (web based): <a href="http://www.rale.ca/">http://www.rale.ca/</a></td>
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<tr>
<th><strong>ATI Modules eBooks</strong></th>
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<td>• ATI website <a href="http://www.atitesting.com">http://www.atitesting.com</a></td>
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<tr>
<th><strong>Communication</strong></th>
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<tbody>
<tr>
<td>• <strong>EDGT Communication</strong>: <a href="http://www.edgt.com">www.edgt.com</a> Student-Access-Key = <strong>S-AV-7304-7574</strong></td>
</tr>
<tr>
<td>• Fundamentals: Therapeutic Communication Skills (EDGT, 2102)</td>
</tr>
<tr>
<td>• Caring for Individuals with Cognitive and Sensory Challenges: (Concept Media, 2004)</td>
</tr>
<tr>
<td>o Cognitive Impairment ~21 minutes</td>
</tr>
<tr>
<td>o Hearing Impairment ~ 19 minutes</td>
</tr>
<tr>
<td>o Visual Impairment ~ 18 minutes</td>
</tr>
<tr>
<td>o Self-grading test</td>
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<tr>
<th><strong>Community Health Nursing</strong></th>
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<tr>
<td>• Community Health Nursing Case Studies (2003, Delmar)</td>
</tr>
<tr>
<td>o Sara Khala-13 year old</td>
</tr>
<tr>
<td>o Andrew Ducheck-working in small pulp &amp; paper mill for 15 yrs</td>
</tr>
<tr>
<td>o Tyler Steele- 15 yr old</td>
</tr>
</tbody>
</table>
- 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 Lamebull - 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

- **EDGT Home Health:** [www.edgt.com](http://www.edgt.com)  Student-Access-Key = **S-AV-7304-7574**
  - *** Home Health Nursing (EDGT, 2102)**

**Critical Care**
- ECG Self-Paced Module (2007, RHORC)
- Nursing Station 2000: ABGs, CBC, EKG, UA (2000, Nursing Dynamics, Inc.)

**Critical Thinking/Nursing Process**
- **EDGT Critical Thinking/Fundamentals:** [www.edgt.com](http://www.edgt.com)  Student-Access-Key = **S-AV-7304-7574**
  - *** Enhance Your Critical Thinking Skills (EDGT, 2012)**
  - *** Fundamentals: The Nursing Process (EDGT, 2012)**
  - Critical Thinking in the Nursing Process : (2003, Concept Media)
  - Critical Thinking Tutorial (2003, College of DuPage)

**Documentation**
- **EDGT Documentation:** [www.edgt.com](http://www.edgt.com)  Student-Access-Key = **S-AV-7304-7574**
  - *** Chart Master: Effective Patient Documentation (EDGT, 2013)**

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

  - 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’s Dosage Calculator

- **EDGT Math and Medication Programs:** [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = **S-AV-7304-7574**
  - Math Magic for Medications II (EDGT, 2011)
  - Medication Maestro: Safe Administration of Medications (EDGT, 2012)
  - Pharmacology Basic Principles (EDGT, 2013)

### Gerontology

- The Sandwich Generation (Talking Eyes Media, 2008)

### IVs, Fluid Balance, Acid-base

- **EDGT Acid-Base & Fluid & Electrolyte Balance:** [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = **S-AV-7304-7574**
  - Promoting Acid-Base Balance (EDGT, 2010)
  - Promoting Fluid & Electrolyte Balance (EDGT, 2010)

- 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 (Delmar, 2002)
  (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

- Nursing Station 2000: ABGs, CBC, EKG, UA (2000, Nursing Dynamics, Inc.)

**Legal and Ethical Issues**

- **EDGT Ethical/Legal Programs:** [www.edgt.com](http://www.edgt.com)  Student-Access-Key = S-AV-7304-7574
  ***Ethical and Legal Issues in Nursing (EDGT, 2013)***

- Cultural Competence (Concept Media, 2006)
  - 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, 2006)
  - 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

- Critical/Surgical Care Nursing Skills (2000, Delmar)
  First Name: **Nursing**  Middle Initial: A  Last name: **Student**  Password: **student**

Mental Health

- Facts on Alcohol (Cambridge, 2003)
  - Alcohol overview
  - How alcohol works
  - Effects of alcohol
  - Risk and consequences
  - Alcohol treatment and counseling
  - Additional resources
- Facts on Drugs (Cambridge, 2003)
  - Drug abuse & addiction
  - Cocaine & crack
  - Heroin
  - PCP
  - Inhalants
  - Marijuana
  - Methamphetamine
  - Steroids
  - Other drugs
  - Prevention and treatment
  - Additional resources
- **EDGT Mental Health Series**: [www.edgt.com](http://www.edgt.com)  Student-Access-Key = S-AY-7304-574
  ***Promoting Wellness: Bipolar disorders (EDGT, 2013)***
  ***Promoting Wellness: Generalized anxiety disorders (EDGT, 2013)***
  ***Promoting Wellness: Depression (EDGT, 2013)***
  ***Promoting Wellness: Obsessive-compulsive disorder (EDGT, 2013)***
  ***Promoting Wellness: Schizophrenia (EDGT, 2013)***

Nursing Management and Leadership

- **EDGT Management Skills**: [www.edgt.com](http://www.edgt.com)  Student-Access-Key = S-AY-7304-7574
  ***Management Skills: Effective Delegation (EDGT, 2013)***
- 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
<table>
<thead>
<tr>
<th>Program</th>
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| Consultation & referral  
(Ethical issues) |
| Ethical practice |
| Organ donation |
| Advanced directives  
(Legal Issues) |
| Informed consent |
| Client rights |
| Legal responsibilities |
| Advocacy |

**Obstetrics**
- Pregnancy (Concept Media, 2004)
- Pregnancy: Labor & Delivery (Concept Media, 2004)
- Pregnancy: Leopold’s Maneuvers (Concept Media, 2004)
- Pregnancy: Pain Control During Labor (Concept Media, 2004)
- Postpartum Nursing Assessment (2003, Concept Media)
  - Assessments during the 4th stage of labor
  - Ongoing physical assessments
  - Psychosocial assessments

**Pain Management**
- **EDGT Pain Series**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  *** Effective Pain Management (EDGT, 2013)

**Pediatrics**
- **EDGT Pediatrics**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  *** Pediatrics: Growth and Development (EDGT, 2013)
- Pediatric Heart Sounds (Concept Media, 2002)
  - Auscultating heart sounds, normal and abnormal
  - ASD, VSD, functional murmur, aortic stenosis, pulmonic stenosis, mitral valve regurg, PDA, Tetralogy of Fallot, wave form comparison

**Pharmacology**
- Davis Drug Calculator
- Davis Drug Guide Online
- **EDGT Medication Series**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  *** Math Magic for Medications (EDGT, 2011)
  *** Medication Maestro: Giving Oral Medications (EDGT, 2012)
  *** Medication Maestro: Safe Administration of Mediations (EDGT, 2012)
  *** Pharmacology : Basic principles of- (EDGT, 2013)
- Insulin Therapy Pharmaceutical Guide (pdf)
- Pharmacology I: Clinical Simulations (Lippincott Williams & Wilkins, 2001)

**Problem Solving**
- **EDGT Problem Solving**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  **** Strategies for Problem Solving (EDGT, 2012)
### Role Transition

- **EDGT Transition**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  **** Transition Into Practice (EDGT, 2013)

### Safety

- Lewis Blackman Story
- **EDGT Safety**: [www.edgt.com](http://www.edgt.com)  
  Student-Access-Key = S-AV-7304-7574  
  *** Promoting Safety: Reducing Medical Errors (EDGT, 2013)

### 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
<table>
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<tr>
<td>o Suctioning</td>
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<tr>
<td>o Wound care</td>
</tr>
<tr>
<td>• Delmar's Fundamental and Advanced Nursing Skills (2003, Delmar)</td>
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<tr>
<td>First Name: Nursing  Last Name: Student  Password: student</td>
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<tr>
<td>o Physical assessment</td>
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<tr>
<td>o Safety and Infection Control</td>
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<td>o Client care and comfort</td>
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<td>o Basic Care</td>
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<td>o Medication Administration</td>
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<td>o Nutrition and Elimination</td>
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<td>o Oxygenation</td>
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<td>o Circulation</td>
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<td>o Skin integrity and wound care</td>
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<tr>
<td>o Immobilization and support</td>
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<tr>
<td>o Special procedures</td>
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| • Mosby's Basic Skills Streaming Videos ([http://ratched.acad.rccd.net/cai.html](http://ratched.acad.rccd.net/cai.html)):
|   o Basic infection control |
|     Bathing |
|     Bedmaking |
|     Elimination assistance |
|     Nutrition & fluids |
|     Personal hygiene & grooming |
|     Restraints & alternatives |
|     Safe patient handling |
|     Vital signs |
| • Mosby Intermediate Skills Streaming Videos ([http://ratched.acad.rccd.net/cai.html](http://ratched.acad.rccd.net/cai.html)): Only accessible on campus |
|   o Enteral Nutrition |
|     Infection control |
|     Ostomy care |
|     Preoperative nursing care |
|     Postoperative nursing care |
|     Respiratory care & suctioning |
|     Specimen collection |
|     Urinary catheter management |
|     Wound & Pressure Ulcer Care |
| • Mosby's Advanced Skills Streaming Videos ([http://ratched.acad.rccd.net/cai.html](http://ratched.acad.rccd.net/cai.html)): Only accessible on campus |
|   o Injections |
|     Intravenous fluid therapy administration |
|     Management of intravenous fluid therapy |
|     Nonparenteral medication administration |
|     Parenteral nutrition |
|     Safe medication administration |
|     Vascular access |
| • ***Nursing in Education Videos [accessible from home]*** |
| • ***Nursing Reference Center [accessible from home]*** |

• Taylor Nursing Skills Streaming Videos ([http://ratched.acad.rccd.net/cai.html](http://ratched.acad.rccd.net/cai.html)): Only accessible on campus |
  Module 1: Vital Signs |
  Module 2: Asepsis |
  Module 3: Oral and Topical Medications
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<td>Module 6: Perioperative Nursing</td>
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<td>Module 7: Hygiene</td>
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<td>Module 9: Activity</td>
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<tr>
<td>Module 10: Nutrition</td>
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<td>Module 11: Urinary Elimination</td>
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<td>Module 12: Indwelling and Intermittent Catheters</td>
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<td>Module 13: Bowel Elimination</td>
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<td>Module 14: Oxygenation</td>
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<td>Module 15: Tracheostomy Care</td>
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<td>Module 16: Intravenous Therapy</td>
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<td>Module 17: Central Venous Access Devices</td>
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