

# Curriculum Alignment



**Institution: Merced College: Registered Nursing Program**

**Third Semester**

**Course Name:**

**REGN-34 Advanced Medical Surgical and Pediatric Nursing**

| Proctored Assessments   | Practice Assessments   | Tutorials  | Product Support Material (Homepage)                         |
|---|--|--|---|
| RN Adult Medical Surgical 2013 Form B                           | RN Adult Medical Surgical Online Practice 2013 Forms A & B                       | **Learning Systems RN AMS test & Final – (align with course content)                       | Adult Medical/ Surgical Nursing RN 9.0                      |
|   | *Targeted Adult Med. Surgical (TMS) (align with course content)                  | Real Life RN Medical Surgical (align with course content)                                  |   |
| RN Nursing Care of Children 2013 Form B                         | RN Nursing Care of Children Online Practice 2013 Forms A & B                     | **Learning Systems RN Nursing Care of Children Test 1,2, and Final                         | Nursing Care of Children RN 9.0                             |
|   |  | Real Life RN Nursing Care of Children (align with course content)                          |   |
|   |  | The Leader and The Communicator  |   |
|   | Nurse's Touch: Wellness & Self-Care<br>Nursing Informatics<br>Professional Comm. | Nurse's Touch: Wellness & Self-Care<br>Nursing Informatics<br>Professional Comm.           |   |
|   |  | ***Skills Modules<br>Pre and Post Tests<br>Practice Challenges (align with course content) | 2013 Review Modules<br>Media Index and<br>Table of Contents |
|   | RN Pharmacology 2013 A & B   | Pharmacology Made Easy 2.0   | Pharmacology for Nursing RN 6.0                             |
|   |  | **Learning System RN Pharm. Test 1 and Final   |   |
| Dosage and Calculation Nursing Care of Children Assessments 2.0 |  | Dosage and Calculation Tutorial 2.0 (three options avail.)                                 |   |
| Dosage and Calculation Medical Surgical Assessments 2.0         |  | Dosage and Calculation Tutorial 2.0 (three options avail.)                                 |   |

\*The Practice and Tutorial assessments above are available to all third semester students.

Revised February 16, 2016

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you may begin

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| <p><b>*RN Targeted Medical-Surgical (TMS) Tests</b></p> <ul style="list-style-type: none"> <li>• Cardiovascular</li> <li>• Gastrointestinal</li> <li>• Immune</li> <li>• Endocrine</li> <li>• Neurosensory and Musculoskeletal</li> <li>• Renal and Urinary</li> <li>• Respiratory</li> <li>• Perioperative</li> <li>• Fluid, Electrolytes, and Acid-Base</li> </ul>   | <p><b>**Learning Systems RN<br/>Adult- Medical-Surgical (AMS) Content Test</b></p> <ul style="list-style-type: none"> <li>• Cardiovascular &amp; Hematology</li> <li>• Gastrointestinal</li> <li>• Immune and Infectious</li> <li>• Endocrine</li> <li>• Neurosensory</li> <li>• Musculoskeletal</li> <li>• Renal &amp; Urinary</li> <li>• Respiratory</li> <li>• Oncology</li> <li>• Dermatologic</li> <li>• AMS Final</li> </ul>  |
| <p><b>Pharmacology Made Easy 2.0<br/>(25 item test accompanies each module)</b></p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Neurological System (Part 1) CNS</li> <li>• Neurological System (Part 2) ANS &amp; Psychotherapeutics</li> <li>• Musculoskeletal System</li> <li>• Respiratory System</li> <li>• Cardiovascular System</li> <li>• Hematologic System</li> <li>• Gastrointestinal System</li> <li>• Reproductive &amp; Genitourinary System</li> <li>• Endocrine System</li> <li>• Immune System</li> <li>• Pain and Inflammation</li> <li>• Infection</li> </ul>                | <p><b>**Learning System RN<br/>Specialty Tests</b></p> <ul style="list-style-type: none"> <li>• Fundamentals (Test 1, 2 + Final)</li> <li>• Communication (Test 1 + Final)</li> <li>• Maternal Newborn (Test 1,2 + Final)</li> <li>• Nursing Care of Children (Test 1,2 + Final)</li> <li>• Mental Health (Test 1,2 + Final)</li> <li>• Pharmacology (Test 1 + Final)</li> <li>• Gerontology (Test 1 + Final)</li> <li>• Leadership (Test 1 + Final)</li> <li>• Community Health (Test 1 + Final)</li> <li>• NCLEX Final (Final)</li> </ul> |
| <p><b>Dosage Calculation and Safe Drug Administration 2.0</b></p> <ul style="list-style-type: none"> <li>• Safe Dosage</li> <li>• Medication Administration</li> <li>• Oral Medication</li> <li>• Injectable Medications</li> <li>• Powdered Medications</li> <li>• Parenteral (IV) Medications</li> <li>• Dosage by Weight</li> <li>• Pediatric Medications</li> <li>• Critical Care Medications</li> <li>• Case Studies and Finals (Diabetes; Leukopenia Post-Chemotherapy; Pediatric Asthma; Acute MI; Advanced Alzheimer's Disease; Bipolar; Pediatric Ear Infection/Dehydration; Preeclampsia; AIDS)</li> </ul> | <p><b>Dosage Calculation Proctored Assessments</b></p> <ul style="list-style-type: none"> <li>• Fundamentals</li> <li>• Medical Surgical</li> <li>• Nursing Care of Children</li> <li>• Maternal Newborn</li> <li>• Mental Health</li> <li>• Critical Care</li> </ul>   |

### \*\*\*Skills Modules

Each module includes the following :

- Overview
- Terminology/Enunciator
  - Accepted Practice
  - Step-by-step viewing
- Evidence-based research
  - Practice challenges
- Frequently asked questions
  - Documentation
  - My skill status

| Module                      | Detailed “Step-by-Step Viewing”  |
|-----------------------------|--|
| Infection Control           | Gloves, masks, gowns, hand hygiene, eyewear and face shields.  |
| Physical Assessment - Adult | LOC, General patient survey & VS, integument, head, face and neck, eyes, ENT, respiratory, cardiac, abdomen, musculoskeletal, and neurological   |
| Surgical Asepsis            | Surgical attire, surgical hand scrubs, surgical gowning, surgical gloving, and the surgical field.   |
| Vital Signs                 | Blood pressure, pulse, respiration and temperature.  |
| Blood Administration        | Pretransfusion and transfusion   |
| Medication Administration 1 | Preparing medications, preparing narcotic medications, administering medications and administering narcotic medications.   |
| Medication Administration 2 | Administering: ophthalmic ointment, ophthalmic drops, otic, nasal, oral, oral buccally, oral sublingually, liquid, topical and using a metered-dose inhaler.   |
| Medication Administration 3 | Administering injections: intradermal, intramuscular-deltoid, vastis lateralis, ventrogluteal and subcutaneous.  |
| Medication Administration 4 | Preparing medications: IV injectable, IV bolus (push), large-volume IV solutions, and piggyback IV.  |
| HIPAA                       | Privacy, clergy visits, communication btw. personnel and family members, sharing protected information, visitors and password protection.  |
| IV Therapy                  | Preparing IV tubing, initiating IV therapy, replacing IV solution, replacing IV tubing, preparing a saline lock, converting IV infusion to a saline lock, converting a saline lock to an IV infusion and discontinuing a peripheral IV catheter. |
| Enteral Tube Feedings       | Inserting enteral feeding tubes, administering enteral nutrition via a syringe and infusion pump and managing feeding tubes.   |

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| Oxygen Therapy                                | Nasal cannula, simple mask, nonrebreather mask, face tent, venturi mask, preparing an oxygen cylinder and removing the regulator from a portable tank.   |
| Nutrition, Feeding, and Eating                | Assessing nutritional status, assisting with feeding and dietary modifications.  |
| Physical Assessment - Child                   | VS, height and weight, integument, head, face and neck, eyes, ears, mouth, nose and throat, respiratory, cardiovascular, abdominal, musculoskeletal, and neurological  |
| Nasogastric Intubation                        | Inserting an NG tube, gastric decompression, care and maintenance of a NG tube and removing a NG tube.   |
| Personal Hygiene                              | Bathing- complete bed bath, eye care (unconscious pt.), perineal care (female and male), Oral hygiene – brushing teeth (independent, dependent and unconscious pt.) and denture care. Replacing linens on an occupied and unoccupied bed.                                    |
| Urinary Catheter Care                         | Applying a condom catheter, Inserting and removing an indwelling retention catheter (female), inserting and removing a straight catheter (male) and perineal care (female).  |
| Ambulation, Transferring, and Range of Motion | Ambulation: cane, crutches, nurse assist and walker, transferring: from bed to gurney, lying to sitting to standing and mechanical lift.   |
| Pain Management                               | Pain assessment and interventions for pain control.  |
| Enemas  | Enemas: Cleansing, retention and return-flow.  |
| Wound Care                                    | Dry dressing change, dressing change with irrigation and packing – acute injury and pressure ulcer.  |
| Diabetes Management                           | Blood glucose measurement, administering insulin, insulin pump information and mixing insulin.   |
| Specimen Collection                           | Blood glucose measurement, nose culture, occult blood – stool specimen and gastric secretions, culture – throat, reagent strip, urine specimen – indwelling catheter, venipuncture and wound culture.  |
| Central Venous Access Devices                 | Implanted port: accessing the site, obtaining a blood sample, initiating an infusion, discontinuing an infusion and deaccessing the site, tunneled catheter – initiating an infusion, peripherally inserted central catheter – obtaining a blood sample and dressing change. |
| Ostomy Care                                   | Ostomy irrigation, draining an ostomy pouch, replacing the one-piece pouching system and ileostomy and urostomy care.  |
| Airway Management                             | In-line suctioning, suctioning, endotracheal tube care and tracheostomy care.  |
| Closed-Chest Drainage                         | Replacing a closed-chest drainage system and replacing a chest-tube insertion-site dressing.   |

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| Maternal-Newborn Care                          | Appar scoring, breastfeeding guidelines, cesarean birth, danger signs during pregnancy, epidural catheter placement, gestational age assessment, kangaroo care, Leopold maneuvers, maternal and newborn discharge instructions, measuring fundal height, postoperative care, postpartum assessment, stages of labor and umbilical cord care. |
| Health Care Fraud, Waste, and Abuse Prevention | Best practices, drug diversion, employee education, fraudulent billing, gift from patient, kickbacks and physician self-referral.  |

## Real Life Clinical Reasoning Scenarios (Available for individual purchase)

|  |   |
|--|---|
| <b>Medical-Surgical</b> <ul style="list-style-type: none"> <li>• Clostridium difficile</li> <li>• COPD</li> <li>• Renal failure</li> <li>• Urosepsis</li> <li>• GI bleeding</li> </ul>   | <b>Nursing Care of Children</b> <ul style="list-style-type: none"> <li>• Cystic Fibrosis (Acute care setting)</li> <li>• Cystic Fibrosis - (Community setting)</li> <li>• Dehydration</li> <li>• Diabetes Mellitus</li> <li>• Wellness (Immunizations, Nutrition, Growth and Development)</li> </ul>                              |
| <b>Maternal Newborn</b> <ul style="list-style-type: none"> <li>• Gestational Diabetes</li> <li>• Pre-Term Labor</li> <li>• Preeclampsia</li> <li>• Thermoregulation of Newborn</li> <li>• Postpartum Hemorrhage</li> </ul>   | <b>Mental Health Nursing</b> <ul style="list-style-type: none"> <li>• Mood disorder (Bipolar, Depression, Suicide)</li> <li>• Anxiety disorder (Generalized Anxiety, Obsessive Compulsive Disorder)</li> <li>• Schizophrenias (Incorporates Psychosis)</li> <li>• Alcohol Abuse</li> </ul>  |
| <b>Nurse Logic 2.0</b>   | <b>(Available for individual purchase)</b>  |
| <b>(2-20 items tests accompany each module 1 for Beginning Students and 1 for Advanced Students)</b> <ul style="list-style-type: none"> <li>• I-Knowledge and Clinical Judgment</li> <li>• II-Nursing Concepts</li> <li>• III-Priority Setting Frameworks</li> <li>• IV-Testing and Remediation</li> </ul> | <b><u>Nurses Touch</u> Tutorials and Simulators</b> <ul style="list-style-type: none"> <li>• Wellness and Self-Care</li> <li>• Nursing Informatics and Technology</li> <li>• Becoming a Professional Nurse</li> <li>• Professional Communication</li> <li>• The Communicator Simulator</li> <li>• The Leader Simulator</li> </ul> |
| <b><u>NCLEX Review</u></b> <ul style="list-style-type: none"> <li>• Capstone Content Review RN</li> <li>• RN Customized Live Review</li> <li>• RN Comprehensive Live Review</li> <li>• Virtual-ATI RN (VATI)</li> </ul>  |   |