

CHRIST HOSPITALSCHOOL OF NURSING

NURSING 220 CRISIS

Course Description: This course focuses on patients in crisis requiring complex nursing care. Content will be arranged in physiological, self concept, role function and interdependent modes. It will include Child Health Nursing. Emphasis will be placed on managing nursing care for multiple patients, delegation and assumption of a leadership role. Pharmacology will be integrated throughout the course.

Course Outcomes: Upon completion of Nursing 220, the student will:

1. Evaluate outcomes of care with patients, families and members of the health care team.
2. Design therapeutic interventions, which are supported by appropriate current trends and evidence based practice.
3. Perform advanced nursing skills with minimal supervision
4. Evaluate effectiveness of critical thinking based upon problem resolution within a timely manner.
5. Modify the teaching learning process to meet specific needs of individuals, families and groups.
6. Participate in interdisciplinary decision making.
7. Manage care for a group of patients.
8. Evaluate professional behaviors in self and others.
9. Analyze ethical and legal dilemmas with patients experiencing crises
10. Evaluate the effectiveness of communication throughout the life span

Credit allotment: 9 credits
Total number of weeks: 15
Theory hours: 4 lecture hours per week: 60 lecture hours per semester
Clinical hours: 15 clinical hours per week: 225 clinical hours per semester
Placement: Fourth course in the nursing sequence
Pre-requisites: Nursing I, II, and III, Humanities-Culture and Values
Completion of required review questions and ERI TTP tests.
Co-requisites: Nursing 240

Faculty:

G. Frane M.A., R.N. – Cordinator Medical/Surgical & Critical Care Nursing

M. Cvek MSN, R.N. - Coordinator Pediatric Nursing

C. Pelardis MSN, R.N.- Medical-Surgical

Course Requirements:

1) Theory Grade:

a) Grading

i) Computation:

- | | |
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| (1) 4 exams: | 65% |
| (2) Change project (see grading criteria) | 5% |
| (3) 1 comprehensive final: | 30% |
| (4) Passing grade: | 78 |
| (5) Make-up for exams will be at the discretion of the instructor. | |

b) Attendance:

i) Mandatory for all lectures hours.

ii) Attendance in the review sessions is mandatory. A minimum attendance of 6 out of 7 sessions is required to sit for the exit examination.

c) Requirements:

i) Reading assignments: all reading materials and text chapters, as outlined in the syllabus, must be read by the student prior to each class period.

ii) Audiovisuals: all audiovisual materials specified in the outline/syllabus must be watched independently by the student on a weekly basis.

iii) It is the responsibility of those students on warning to meet with their respective instructor to ensure satisfactory completion of the course.

iv) The use of taping or recording devices is not permitted during lectures .

2) Clinical Grade:

a) Grading:

i) Grades of pass or fail are given for the clinical laboratory.

- ii) Students must pass a calculation quiz with a 90%. Students will be given two opportunities to achieve 90 % on the calculation quiz. Students will not be allowed to administer medications in the clinical area without passing the calculation quiz. A clinical warning will be given for a score lower than 90% on the first calculation quiz. A score lower than 90% on the second quiz will result in a clinical failure and consequently a failure in Nursing 220.
- iii) Clinical performance and all skills tested in the laboratory must be performed satisfactorily in order to receive a passing grade.
- iv) Failure to submit any written clinical assignments will result in a failing clinical grade.
- v) An unsatisfactory clinical performance will result in course failure.
- b) Attendance
 - i) Attendance and adequate preparation is required at all scheduled skill lab and clinical rotations. Attendance records will be kept and will appear in student evaluations. All clinical absences will be made up, excused or unexcused. Student must make individual arrangements with their clinical instructor.
- c) Skills Testing
 - i) Students may utilize the skill lab facilities for independent and/or supervised sessions.
 - ii) Skills testing will be done on the scheduled dates in the school's skill lab. Students who test unsatisfactorily will be placed on clinical warning and a second test will be scheduled within a two-week period. Unsatisfactory performance at this time will result in a clinical failure.
- d) Clinical requirements
 - i) Pediatrics
 - (1) One concept care map: 2 nursing diagnoses in the physiologic mode and 2 nursing diagnoses from either of the other modes
 - (2) Clinical journal for entire pediatric rotation: see guidelines
 - ii) Critical Care and Medical-Surgical
 - (1) Two concept care maps (1 for critical care & 1 for med-surg): 2 nursing diagnoses in the physiologic mode and 2 nursing diagnoses from either of the other modes
 - (2) Clinical journal for the critical care rotation: see guidelines
 - iii) Submit a written assignment on a change project for a system problem. Details of the project will be distributed in class.
 - iv) Participate in nursing ground rounds (see guidelines)
- e) Grooming, uniform requirements and professional conduct policies:
 - i) All students are required to adhere to grooming, uniform and professional conduct policies stated in the Student Handbook.

- ii) Violation of the above policies will result in a clinical warning and the student will be sent off the unit. Failure to adhere to these policies after the first clinical warning will constitute clinical failure.

NO CHANGES IN CLINICAL ROTATION /EXPERIENCE WILL BE ALLOWED WITHOUT PRIOR APPROVAL OF THE COURSE COORDINATOR!!!

3) Total Testing Plan:

Completion of ERI TTP tests within the time frame indicated in the course calendar, is required to progress in the course.

4) Teaching Strategies:

- a) Lecture
- b) Discussion/Demonstration
- c) Student Assignments
- d) Audiovisual aids
- e) Computer Assisted instruction
- f) Clinical experience

5) Evaluation Methods:

- a) Examinations (4)
- b) Change Project Paper
- c) Comprehensive final examination
- d) Clinical experience and evaluation

6) Required Texts:

- a) Monahan, Frances et.al.(2007). Phipps' Medical-Surgical Nursing: Health & Illness Perspective 8th ed. Mosby
- b) Wong & Lowdermilk.(2006). Maternity Child Nursing Care 3rd ed., Mosby.

7) Suggested Texts:

- a) Black, J. & Matassarin, E. (2005). Medical-Surgical Nursing: Clinical Management for Continuity of Care 6th ed. W.B. Saunders Co.
- b) Bucher, I. & Melander, S. (1999). Critical Care Nursing. W.B. Saunders Co.
- c) Smeltzer, B & Bare, B. (2004) Brunner & Suddarth's Textbook of Medical-Surgical Nursing 10th ed. Lippincott Williams & Wilkins.
- d) Urden & Stacy. (2004). Priorities in Critical Care Nursing 4th ed. Mosby
- e) Winningham & Preusser (2001). Critical Thinking in Medical-Surgical Settings 2nd ed. Mosby.

Critical Care (Part A)

Unit I

Unit Objectives

Upon completion of Unit I the student will:

1. Relate the history of critical care nursing to the predicted changes in critical care nursing in the next century.
2. Discuss the significance of the expanding critical care environment to opportunities for nurses.
3. Analyze the key legal and ethical issues that are relevant to critical care nursing.
4. Differentiate the various professional roles that a nurse working in critical care may assume.
5. Analyze the stressors present in the work setting of the critical care nurse.
6. Implement methods to reduce the stress of working in critical care.
7. Identify the effects of specific physiologic, psychosocial and environmental stressors on the critically ill patient.
8. Discuss the nursing implications of the physiologic and psychosocial age-related changes in patients who are critically ill.
9. Apply knowledge of differing cultural perspectives on responses to health crises, grief and grieving, death and dying when planning and delivering care.

Unit I

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Bucher & Melander Unit I- V; pp. 3 – 104</p> <p>Monahan: Chap 8 &10 pp 156-176; 192-203</p>	<p>Unit I</p> <ol style="list-style-type: none"> 1) Introduction to Critical Care <ol style="list-style-type: none"> a) History of Critical Care Nursing b) Critical Care environment in transition 2) Legal and ethical issues in critical care nursing <ol style="list-style-type: none"> a) Advance directives and End-of-Life decisions b) Resuscitation c) Informed consent d) Allocation of resources 3) Professional role of the Critical Care Nurse <ol style="list-style-type: none"> a) Defining critical care nursing practice b) Changing role of the critical care nurse c) Stress in critical care 4) Impact of Critical Illness on the Patient and Family <ol style="list-style-type: none"> a) Physiologic mode b) Self concept mode c) Role function mode d) Interdependence mode 5) Cultural Issues in Critical Care Nursing 	<p>VHS 78596 Medcom : Code Cart</p> <p>VHS M118 Medcom: Advance Directives: Guidelines for Healthcare Providers</p> <p>VHS 78711 Medcom Emergency Care: Legal Liability Issues</p>		<p>Students provide nursing interventions to assist patients in their adaptation to critical illness.</p>

Unit II

Unit Objectives

Upon completion of Unit II, the student will:

1. Discuss the etiology, pathophysiology and clinical manifestations of acute respiratory failure and ARDS.
2. Discuss the pharmacologic treatment modalities used in acute respiratory failure and ARDS.
3. Identify the indications for intubation and the various modes of mechanical ventilation.
4. Differentiate between correction and compensation using ABG results.
5. Develop a plan of care for a patient on mechanical ventilation.
6. Explain the effects of hemodynamic variables such as preload, afterload, and contractility on cardiac output.
7. Discuss the management and nursing care of a patient with an acute myocardial infarction.
8. Discuss the care of a patient in hypertensive crisis.
9. Identify major and life-threatening dysrhythmias and their management.
10. Discuss the care of a patient with hemodynamic monitoring
11. Compare hypovolemic, cardiogenic and distributive shock in relation to pathophysiology, manifestations, management and nursing care.
12. Discuss the nursing care of a patient pre and post CABG, Valve replacement surgery & aneurysmectomy..

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Respiratory Failure: Monahan, Chap25&26 pp614-620; 656-662; Brunner, Chap 23 ; pp 543-546 Airway management & mechanical ventilation Monahan, Chap 27; pp 699-707 Brunner:Chap. 25 pp. 610-626 Low Cardiac Output States: Monahan: Chap 20 pp 399-420 Brunner:, Chap. 15; pp295-313. Winningham & Preusser: Case Studies- Pulmonary Disorders: CS 13, pp. 189 - 192 CV Disorders: CS 17, pp 121 - 124 CS 18, pp 125 - 127 CS 20, pp 133 - 136</p>	<p>Unit II 1) Alterations in Oxygenation a) Pathophysiology i) Respiratory Failure : ARDS ii) Life-threatening dysrhythmias iii) Myocardial Infarction iv)Aortic Aneurysm v) Hypertensive Crisis vi) Low Cardiac Output States (1) Hypovolemic shock (2) Cardiogenic shock (3) Distributive shock (a) Anaphylactic (b) Neurogenic (c) Septic b) Assessment of factors affecting oxygenation i) Etiology ii) Physical assessment iii) Cardiac Monitoring iv) Hemodynamic monitoring v) Diagnostic tests vi) Laboratory test: ABGs c) Nursing Diagnoses i) Altered respiratory function: Ineffective airway clearance; Impaired gas exchange; Ineffective breathing pattern ii) Altered tissue perfusion: cardiopulmonary, cerebral, renal, gastrointestinal, peripheral. iii) Decreased cardiac output iv)Fluid volume deficit/excess</p>	<p>VHS: Airway Management. Trach. Care, tube change, & artificial airway cuff management. VHS M028: Endotracheal intubation VHS 78267: Patient Monitoring in Mechanical Ventilation VHS: Interventions for ineffective breathing patterns: Mech. Vent. VHS: Nursing Management of patients in Shock VHS: Acute nursing care of the cardiac patient: acute MI</p>	<p>Ventilator Demo Head-to toe assessment Demonstration and return demonstration.</p>	<p>Provide care to a patient on mechanical ventilation. Participate in the care of patients experiencing low cardiac output states in the ICU.</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Hemodynamic Monitoring: Monahan: Chap 28 pp 743-744; Brunner: Chap 26; pp. 677-680. Cardiac Monitoring & Antidysrhythmic drugs: Monahan Chap 29 Pp772-803 Brunner: Chap pp 687 - 707 Myocardial Infarction Monahan: Chap 29 pp746-772 Hypertensive crisis: Brunner: p. 865; Monahan:p. 859 Aortic Aneurysm Monahan: pp.883-885 Cardiac Surgery Monahan: pp 840-852</p>	<ul style="list-style-type: none"> d) Implementation <ul style="list-style-type: none"> i) Nutrition ii) Pharmacologic therapy <ul style="list-style-type: none"> (1) Neuromuscular blocking agents (2) Sedatives (3) Vasodilators (4) Thrombolytics (5) Code drugs (6) Inotropic agents (7) Preload reducing agents (8) Afterload reducing agents iii) Mechanical ventilation/Oxygen therapy iv) Surgical management <ul style="list-style-type: none"> (1) Angioplasty (2) CABG (3) Valve replacement (4) Aneurysmectomy v) Health teaching vi) Measures for alterations in physiologic, self concept, role function and interdependence modes. vii) Discharge planning/ community resources e) Evaluation of outcome criteria f) Gerontologic considerations 	<p>VHS: Pharmacologic Interventions for altered tissue perfusion-Vasoactive medications</p> <p>VHS: Principles of Hemodynamic Monitoring</p> <p>VHS: 78300 Pulmonary Artery Catheter & The Nurse</p>		

Unit III

Unit Objectives

Upon completion of Unit III, the student will:

1. Relate the function of the immune system to the etiology, pathophysiology and clinical manifestations of AIDS
2. Discuss the pharmacologic modalities utilized in the treatment of AIDS, opportunistic infections and other complications associated with AIDS.
3. Discuss the collaborative management for the patient with AIDS
4. Develop a plan of care for a patient AIDS.
5. Develop a teaching plan for patients with AIDS and their families.
6. Discuss the etiology and pathophysiology of common oncologic emergencies
7. Discuss the management and nursing care of a patient experiencing oncologic emergencies
8. Identify the barriers to organ donation
9. Identify the legislative and technological events that have affected organ procurement.
10. Discuss the criteria for organ donation.
11. Describe the goals of donor management ..
12. Compare the mechanisms of the different types of rejection.
13. Develop a plan for a patient with organ transplant.
14. Discuss the ethical and legal issues related to organ donation and transplantation
15. Develop a plan of care for a patient with multiple trauma
16. Discuss the therapeutic modalities employed for managing intractable pain .
17. Discuss the role of the nurse in disaster or response plans
18. Discuss how triage in a disaster differs from triage in an emergency
19. Develop a plan of care for a patient experiencing short or long-term psychological effects after a disaster.

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>AIDS: Monahan: pp 499-509 Winningham & Preusser: Case study 2 pp 437 - 439 Case study 5 pp. 449 – 451 Case study 6 pp. 453 - 455 Oncologic Emergencies: Monahan: pp. 561-563. Disaster Monahan: pp127-131</p> <p>Organ Transplants: Monahan: Kidney: pp 1032-1038 Heart: pp 852-854 Liver: pp 1347-1349 Bone marrow:p 531 Winningham & Preusser : Case study 3 pp. 441 – 443 Case study 4 pp 445 - 447</p>	<p>Unit III</p> <ol style="list-style-type: none"> 1) Alterations in Protection <ol style="list-style-type: none"> a) Pathophysiology <ol style="list-style-type: none"> i) AIDS ii) Oncologic emergencies iii) Organ Transplants <ol style="list-style-type: none"> (1) Kidney (2) Heart (3) Liver (4) Bone Marrow iv) Bioterrorism & disaster nursing b) Assessment of factors affecting protection c) Etiology d) Physical assessment e) Diagnostic tests/ laboratory tests f) Nursing Diagnoses g) Implementation <ol style="list-style-type: none"> i) Medical/Surgical management ii) Nutrition iii) Drug therapy iv) Health teaching v) Discharge planning / community resources vi) Measures for alterations in physiologic, self-concept, role function and interdependence modes h) Evaluation of outcome criteria i) Gerontologic considerations 	<p>VHS: A2014 Medcom AIDS: a nursing perspective</p> <p>VHS: 78549 Medcom Caring for Transplant Patients Pt 1</p> <p>VHS: 78550 Medcom: Caring for Transplant Patients Pt 2</p>		<p>Provide care to patients with alterations in protection.</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Trauma</p> <p>Monahan: pp 186-187 Chest pp 665-669 Abdomen: pp990-991</p> <p>Intractable pain: Monahan: pp 346-356</p>	<p>2) Alteration in rest/Activity: Multiple Trauma</p> <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> (1) Chest trauma (2) Abdominal trauma b) Assessment <ul style="list-style-type: none"> i) Primary survey ii) Secondary survey c) Nursing Diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) IV therapy ii) Pharmacologic therapy iii) Surgical management iv) Health teaching v) Measures for alterations in physiologic, self concept, role function & interdependence modes vi) Discharge planning/community resources f) Evaluation of outcome criteria <p>3) Alteration in Sensing : Intractable Pain</p> <ul style="list-style-type: none"> a) Pathophysiology b) Assessment of factors affecting sensing c) Nursing Diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Pharmacologic therapy ii) Surgical management iii) Alternative measures iv) Patient education f) Evaluation of outcome criteria g) Gerontologic considerations 	<p>VHS A2119 Medcom: Trauma Nursing Part I</p> <p>VHS A2118 Medcom: Trauma Nursing Part II</p>		

Unit IV

Unit Objectives

Upon completion of Unit IV, the student will:

1. Relate the manifestations of acute and chronic renal failure to the pathophysiologic mechanisms involved.
2. Discuss the implications of medications prescribed for the client with renal failure.
3. Identify specific dietary modifications prescribed for clients with renal failure.
4. Compare and contrast peritoneal dialysis and hemodialysis as therapies for renal failure.
5. Discuss the nursing implications for a client undergoing dialysis.
6. Explain the physiological alterations in selected body systems caused by thermal , electrical or chemical burns.
7. Describe the care of the client in the emergent, acute and rehabilitation phases of burn injury.
8. Discuss the special needs of the very young and very old burn clients.
9. Identify the nurse's role in burn prevention and community education.
10. Differentiate the etiology, pathophysiology and clinical manifestations and management of of Diabetic Ketoacidosis (DKA) and Hyperglycemic Hyperosmolar Nonketotic Coma (HHNK) .
11. Evaluate the outcomes of the collaborative management of the patient with DKA and HHNK.
12. Describe the mechanisms of injury for traumatic brain injury.
13. Discuss the management of a client with brain tumor.
14. Identify the manifestations and management of a client with Intracerebral Hemorrhage
15. Use the nursing process as a framework for care of a client with a cerebral aneurysm and arterio-venous malformation.
16. Discuss the plan of care for a patient pre and post intracranial surgery.
17. Evaluate the effectiveness of the collaborative management of increased intracranial pressure.

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Renal Failure: Monahan: pp. 1003-1032</p> <p>Winningham & Preusser: Case study 2 pp. 303 –305. Case study 4 pp. 311 -313</p> <p>Burns: Monahan: pp 1920-1945.</p> <p>Winningham & Preusser : Case study 10:1, p385</p>	<p>Unit IV</p> <p>1) Alterations in fluids and electrolytes.</p> <p>a) Pathophysiology:</p> <p>i) Renal Failure</p> <p>(1) Acute</p> <p>(2) Chronic</p> <p>ii) Burns</p> <p>b) Assessment of factors affecting fluids and electrolytes.</p> <p>c) Nursing diagnosis</p> <p>d) Planning</p> <p>e) Implementation</p> <p>i) Management of renal failure</p> <p>(1) Pharmacologic</p> <p>(2) Dietary</p> <p>(3) Dialysis</p> <p>(a) Peritoneal</p> <p>(b) Hemodialysis</p> <p>ii) Management of burns</p> <p>(1) Fluid replacement</p> <p>(2) Dietary</p> <p>(3) Pharmacologic</p> <p>(4) Surgical</p> <p>i) Health teaching</p> <p>ii) Discharge planning / community resources</p> <p>iii) Measures for alterations in physiologic, self-concept, role function and interdependence modes</p> <p>f) Evaluation of outcome criteria</p> <p>g) Gerontologic considerations</p>	<p>Field Trip : Burn Unit St. Barnabas Medical Center.</p> <p>Hesi Case Study: Chronic renal failure</p>		<p>Plan & provide care to patients with alterations in fluids and electrolytes .</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>DKA/HHNK: Monahan: p. 1118-1119</p> <p>Head Trauma Monahan pp. 1409-1416. Hemorrhagic stroke Monahan:pp 1425</p> <p>Brain Tumor & Intracranial surgery Monahan: pp 1402-1409; 1439-1441;</p>	<p>2)Alterations in Endocrine Function</p> <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> i) Diabetic Ketoacidosis ii) HHNK b) Assessment of factors affecting endocrine function. <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests c) Nursing Diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Nutrition Teaching ii) Health teaching iii) Measures for alterations in physiologic, self concept, role function & interdependence modes iv)Discharge planning /community resources f) Evaluation of outcome criteria <p>3)Alteration in Neurological functioning</p> <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> (1) Head Trauma (2) Brain Tumors (3) Intracranial Surgery (4) Hemorrhagic stroke: Intracerebral Hemorrhage; AVMs; Cerebral aneurysms b) Assessment of factors affecting neurological functioning. c) Nursing diagnosis d) Planning g) Implementation h) Evaluation of outcome criteria <p>Gerontologic considerations</p>	<p>VHS: A2285 Medcom: Nursing Managemnet: Head Injuries</p> <p>Hesi Case Study: Head Injury</p>		<p>Plan and provide care to patients experiencing alterations in endocrine function.</p> <p>Plan and provide care to patients with head trauma, brain tumors, hemorrhagic strokes & post cranial surgery.</p>

Part B (Pediatric Nursing)

Unit Objectives

- 1) Identify the self-concept (physical and personal self) issues for each of the pediatric age groups.
- 2) Utilize the nursing process to promote safe adaptations for families and their children.
- 3) Discuss the age appropriate adaptations children make to illness and hospitalization.
- 4) Utilize the nursing process to promote positive adaptations for clients and their families experiencing a compromise in the following physiologic modes: oxygenation, nutrition, elimination, protection, rest/activity, sensing, fluid and electrolytes, neurology and endocrine.
- 5) Identify focal, contextual and residual stimuli, which may be altered, to provide positive adaptation for clients experiencing an alteration in each of the physiologic modes
- 6) Evaluate client responses to nursing interventions for families experiencing a crisis.

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 33</p> <p>Wong: chapter 36</p>	<p>I. Pediatric Nursing</p> <p>II. Unit 1</p> <p>III. Self Concept Mode</p> <p>IV. Growth and Development</p> <p style="padding-left: 20px;">A. Principles</p> <p style="padding-left: 20px;">B. Factors affecting</p> <p>V. Infants and their family</p> <p style="padding-left: 20px;">A. Physical growth</p> <p style="padding-left: 20px;">B. Motor milestones</p> <p style="padding-left: 20px;">C. Psychosocial development</p> <p style="padding-left: 20px;">D. Cognitive development</p> <p style="padding-left: 20px;">E. Moral/spiritual development</p> <p style="padding-left: 20px;">F. Play</p>	<p>Computer: Pediatric Nursing # 2: Growth and Development</p> <p>Video: NCLEX-RN review #12 Growth and development</p>		<p>Perform a Denver Developmental Screening Exam on a pediatric patient</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
Wong: chapter 37	<ul style="list-style-type: none"> G. Anticipatory Guidance <ul style="list-style-type: none"> 1. Safety 2. Immunizations 3. Nutrition 4. Common problems VI. Toddlers and their family <ul style="list-style-type: none"> A. Physical growth B. Motor milestones C. Psychosocial development D. Cognitive development E. Moral/spiritual development F. Play G. Anticipatory Guidance <ul style="list-style-type: none"> 1. Safety 2. Nutrition 3. Common problems 			
Wong: chapter 38	<ul style="list-style-type: none"> VII. Preschoolers and their family <ul style="list-style-type: none"> A. Physical growth B. Motor milestones C. Psychosocial development D. Body image E. Cognitive development F. Moral/spiritual development G. Play H. Anticipatory Guidance <ul style="list-style-type: none"> 1. Safety 2. Nutrition 3. Common problems 			
Wong: chapter 39	VIII. School age and their family	Medcom Video:		

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 40</p> <p>Wong: chapter 35</p>	<ul style="list-style-type: none"> A. Physical growth B. Motor milestones C. Psychosocial development D. Cognitive development E. Moral/spiritual development F. Play G. Anticipatory Guidance <ul style="list-style-type: none"> 1. Safety 2. Nutrition 3. Common problems IX. Adolescents and their family <ul style="list-style-type: none"> A. Physical growth B. Motor milestones C. Psychosocial development D. Cognitive development E. Moral/spiritual development F. Sexual development G. Body image H. Play I. Anticipatory Guidance <ul style="list-style-type: none"> 1. Safety 2. Nutrition 3. Common problems X. Developmental Assessment <ul style="list-style-type: none"> A. DDST B. Physical Assessment <ul style="list-style-type: none"> 1. Health assessment 2. Physical exam 	<p>Understanding the pediatric patient</p> <p>Videos: Denver II Training</p>		

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
Wong: chapter 44	<p>Unit II Role Function</p> <ol style="list-style-type: none"> 1) Reactions to hospitalization <ol style="list-style-type: none"> a) Children's concepts of illness b) Separation anxiety <ol style="list-style-type: none"> i) Protest ii) Despair iii) Detachment C. Promoting coping <ol style="list-style-type: none"> 1. General strategies 2. Age specific strategies 	<p>Videos: Caring for sick children</p> <p>Medcom video Medicating Children</p> <p>Computer: Meds, Dosage Calculations Made Easy Calculating Pediatric Medications</p>	<p>Medication administration</p> <p>Calculating Pediatric medication dosages</p>	
Wong: chapter 46	<p>Unit III Physiologic Mode Alterations in oxygenation, nutrition, and elimination</p> <ol style="list-style-type: none"> 1) Oxygenation <ol style="list-style-type: none"> a) Pathophysiology <ol style="list-style-type: none"> i) Upper respiratory tract disorders <ol style="list-style-type: none"> (1) Croup (2) Epiglottitis (3) Tonsillitis (4) Otitis media ii) Lower respiratory tract disorders <ol style="list-style-type: none"> (1) Bronchiolitis 	<p>Computer: Pediatric Nursing #10 Respiratory alterations</p>		<p>Care for a pediatric patient with an alteration in oxygenation, nutrition and elimination</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 47 Chapter 36, pp 1077 - 1080</p>	<ul style="list-style-type: none"> (5) Diuretics (6) Aspirin ii) Peak flow monitoring iii) CPT and postural drainage iv) Oxygen therapy v) Factor VIII vi) Immunoglobulin therapy vii) Post-operative management viii) Discharge planning f) Evaluation of outcome criteria <p>2) Nutrition</p> <ul style="list-style-type: none"> a) General Principles b) Pathophysiology <ul style="list-style-type: none"> i) Failure to thrive ii) Structural Defects <ul style="list-style-type: none"> (1) Cleft lip and palate (2) T-E fistula c) Assessment of factors affecting nutrition <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests d) Nursing diagnosis e) Planning f) Implementation <ul style="list-style-type: none"> i) Surgical management ii) Post-operative care g) Evaluation of outcome criteria <p>3) Elimination</p>	<p>Computer Pediatric Nursing #11 GI alterations</p>		

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 38, pp 1127 - 1137</p>	<ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> i) Disorders of Motility <ul style="list-style-type: none"> (1) Diarrhea (2) Hirshsprungs Disease ii) Obstructive Disorders <ul style="list-style-type: none"> (1) Pyloric Stenosis (2) Intussusception iii) Inflammatory diseases <ul style="list-style-type: none"> (1) Appendicitis b) Assessment of factors affecting elimination <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests <ul style="list-style-type: none"> (1) Barium enema (2) Biopsy iv) Laboratory tests c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Diet ii) Positioning iii) Fluid and electrolyte management iv) Surgical management f) Evaluation of outcome criteria <p>Alteration in protection, rest/activity and sensing</p> <ul style="list-style-type: none"> 1) Protection <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> i) Communicable Diseases <ul style="list-style-type: none"> (1) Measles 	<p>Computer Pediatric Nursing # 9</p>		<p>Care for a pediatric patient with an alteration in protection, rest and activity and</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 49, pp 1619 1636</p> <p>Wong: chapter 38 pp 1137 - 1149</p> <p>Wong: chapter 54</p>	<ul style="list-style-type: none"> (2) Varicella (3) Pertussis ii) Neoplastic Disease <ul style="list-style-type: none"> (1) Leukemia (2) Wilms tumor iii) Immunologic Disease <ul style="list-style-type: none"> (1) HIV/AIDS iv) Child Abuse b) Assessment of factors affecting protection <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests <ul style="list-style-type: none"> (1) Bone marrow aspiration c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Isolation ii) Drug therapy <ul style="list-style-type: none"> (1) Chemotherapeutic agents (2) Anti-viral agents iii) Pre and Post-operative care iv) Reporting v) Family support vi) Community referrals f) Evaluation of outcome criteria 2) Rest/Activity <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> i) Congenital Musculoskeletal Disorders <ul style="list-style-type: none"> (1) Hip Displasia 	<p>Immunity/immune response</p> <p>Computer Pediatric Nursing #7 children with cancer</p> <p>Medcom</p> <p>Video Child Abuse: prevention, detection and management</p>		<p>sensing</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
<p>Wong: chapter 44 pp 1314 - 1336</p>	<ul style="list-style-type: none"> (2) Osteogenesis Imperfecta ii) Acquired Musculoskeletal Disorders <ul style="list-style-type: none"> (1) Fractures (2) Legg-Calve-Perthes disease (3) Slipped femoral capital epiphysis (4) Scoliosis (5) Juvenile rheumatoid arthritis iii) Infectious Diseases <ul style="list-style-type: none"> (1) Osteomyelitis iv) Bone tumors b) Assessment of factors affecting rest/activity <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests iv) Laboratory tests c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Traction ii) Pavlic harness iii) Milwaukee brace iv) Drug therapy v) Family support f) Evaluation of outcome criteria 3) Pain assessment/management <ul style="list-style-type: none"> a) Developmentally appropriate assessment b) Management <ul style="list-style-type: none"> i) Pharmacologic 	<p>Computer Pediatric Nursing #15 Musculoskeletal alterations</p>		<p>Do a pediatric pain assessment</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
Wong: chapter 42	<ul style="list-style-type: none"> ii) Non-pharmacologic 4) Sensory Disorders <ul style="list-style-type: none"> a) Pathophysiology <ul style="list-style-type: none"> i) Hearing impairment ii) Visual impairment <ul style="list-style-type: none"> (1) Retinoblastoma iii) Cognitive impairment <ul style="list-style-type: none"> (1) Down's syndrome b) Assessment of factors affecting sensing <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Age specific nursing care ii) Community referrals 	<p>Computer Pediatric Nursing # 5 Children with disabilities</p>		
Wong: chapter 50	<p>Alterations in fluid and electrolytes, endocrine and neurologic function</p> <ul style="list-style-type: none"> 1) Fluid and electrolyte <ul style="list-style-type: none"> a) Renal disorders <ul style="list-style-type: none"> i) Acute Glomerulonephritis ii) Nephrotic syndrome b) Genitourinary disorders <ul style="list-style-type: none"> i) Hypospadias ii) Testicular torsion iii) Cryptorchidism c) Assessment of factors affecting fluid and electrolytes 	<p>Computer Pediatric Nursing #14 GU alterations</p>		<p>Care for a pediatric patient with an alteration in fluid and electrolytes, endocrine and neurologic function</p>

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
Wong: chapter 52	<ul style="list-style-type: none"> (1) Age appropriate signs of increased ICP <ul style="list-style-type: none"> iii) Diagnostic tests iv) Laboratory tests c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Seizure precautions ii) Drug therapy <ul style="list-style-type: none"> (1) Anticonvulsants iii) Physical therapy iv) Pre and post-operative care v) Family support f) Evaluation of outcome criteria 3) Endocrine <ul style="list-style-type: none"> a) pathophysiology <ul style="list-style-type: none"> i) Alterations in Growth Hormone ii) IDDM in children iii) Congenital Thyroid Dysfunction b) Assessment of factors affecting endocrine function <ul style="list-style-type: none"> i) Etiology ii) Physical assessment iii) Diagnostic tests c) Nursing diagnosis d) Planning e) Implementation <ul style="list-style-type: none"> i) Diet ii) Medications 	<p>Computer Pediatric Nursing #17 Endocrine alterations</p>		

Reading Assignment	Course Content	Learning Activities	Skill Lab	Clinical
Wong: chapter 41	<ul style="list-style-type: none"> (1) Growth hormone (2) Insulin iii) Glucose monitoring iv) Activity v) Monitoring for complications f) Evaluation of outcome criteria <p>Unit IV Interdependence Mode</p> <ul style="list-style-type: none"> 1) The family in crisis 2) Death and Dying <ul style="list-style-type: none"> a) Grief <ul style="list-style-type: none"> i) Age appropriate concepts of death 	<p>Computer Pediatric Nursing #8 Psychosocial issues</p> <p>Video: Children die too</p>		Care for a family in crisis

