



King Saud University  
College of Nursing  
1<sup>st</sup> Semester SY 2015 – 2016

**SYLLABUS**  
**NUR 317- LECTURE**

**Course title and code:** Application of Adult Health Nursing Skills ( NUR 317 )

**Credit hours :** 1 hour Lecture

**Pre Requisite:** NURS 224/ 225

**Co Requisite:** NURS 316

**Course Description:**

The course focuses on helping students to develop advanced skills and clinical competence given to adult patients with alterations in human functioning resulting from critical cases of medical surgical nursing. Emphasis is on developing clinical competencies necessary to provide care to patient of respiratory, genital, motion and muscles systems. The Nursing process approach will be used in providing nursing care to patients.

**Objectives**

***At the end of this course, the students will be able to:***

- Utilize knowledge from nursing and other disciplines to provide evidence-based plans of care for clients with different disease conditions.
- Identify cultural, developmental, and functional patterns, variations in the health status of individuals across the lifespan
- Document health assessment data in accordance with legal and ethical guidelines.
- Analyze nursing care needs and collaborative solutions which enable safe, effective, personal and family-centered care;
- Utilize assessment techniques within the nurse-client relationship.
- Utilizes information effectively, ethically, and responsibly through daily activities
- Assess health history, including environmental exposure, wellness/illness beliefs, values, attitudes, and practices of individuals, and a focused family health history
- Demonstrate effective engagement and responsible communication skills appropriate to a variety of audience and purposes
- Utilize information technology to assist in the organization and management of nursing care
- Examine judgment on the interpretation of abnormalities related to the appearance of body parts by utilizing the different methods of assessment.
- Employ comprehensive and systematic approaches to assess and plan nursing care
- Implement and evaluate nursing care in partnership with patients/service users and/or their significant others

**Course Outline**

Week No.	Topic	Date
1	Registration week	August 23- 27, 2015
2	Introduction	August 30, 2015
	Care for patients with pain □ Medications: Morphine, Paracetamol, Tramadol	August 31, 2015
3	Care for patients undergoing surgical intervention • Pre Operative Instructions • Postoperative Care • Home Care Medications: Co Amoxiclav, Cefazolin, Ceftriaxone	September 6, 2015
	Care for patients with fluid and electrolytes imbalance □ IVF ( Indication, Contraindication, Side Effects, Nursing Responsibilities)	September 7, 2015
4	Care for patients with Cardiovascular system disorders • Cardiac Catheterization • Electrocardiogram (ECG) • Medications: Captopril, Digoxin. Heparin	September 13, 2015
	Care for patients with Respiratory system disorders • Incentive Spirometry • Medications: Aminophylline, Salbutamol	September 14, 2015
Break		
5	Care of Patients with Neurological Disorders • Electroencephalogram (EEG) • Medications: Dilantin, Mannitol	October 4, 2015
6	<b>Midterm Exam</b> (Care for patients with pain , undergoing surgical intervention , with Fluid and Electrolyte Imbalance , Respiratory, Cardiovascular System Disorders)	October 11 , 2015
	Care of patients with Gastrointestinal system disorders • Endoscopy, Proctoscopy • NGT Feeding • Medications: Ranitidine, Metoclopramide, Dolcolax	October 11 , 2015

Week No.	Topic	Date
7	Care of patients with Endocrine system disorders <ul style="list-style-type: none"> <li>• Blood Glucose Monitoring</li> <li>• Insulin Administration</li> <li>• Radioactive Iodine Uptake</li> <li>• Medications: Insulin, Glucophage, Thyroxine</li> </ul>	October 18 , 2015
8	Care of patients with Urinary system disorders <ul style="list-style-type: none"> <li>• Intravenous Pyelogram (IVP)</li> <li>• KUB Ultrasound, Lithotripsy</li> <li>• Catheterization</li> <li>• Arteriovenous (AV)Shunt</li> <li>• Medications: Lasix, Aldactone</li> </ul>	October 25 , 2015
9	<b>Quiz (Care of Patients with Neurological, Gastrointestinal System Disorders)</b>	November 1, 2015
10	Care of Patients with Blood transfusion	November 8 , 2015
11	Group 1 presentation	November 15, 2015
		November 16, 2015
12	Group 2 presentation	November 22, 2015
	Group 3, 4, 5 case presentation	November 23, 2015
13	Group 6 presentation	November 29, 2015
	Group 7, 8 , 9 presentation	November 30, 2015
14	Study week	December 6 , 2015
15	<b>FINAL EXAMINATION</b>	December 13 , 2015

**FORMAT FOR WRITTEN REPORT\*****To be submitted after one week**

	<b>Points / Marks</b>
<b>I - Introduction</b>	<b>(3)</b>
• Patient's Profile	0.5
• Client's Personal and Family History	0.5
• Past Health History	0.5
• History of Present Illness	0.5
• Laboratory and Diagnostic Test <sup>1</sup>	1
<b>II – Assessment</b>	<b>(1)</b>
• Head to Toe Assessment	1
<b>III - Implementation</b>	<b>(6)</b>
• Nursing Process (Nursing Care Plan) <sup>2</sup>	3
• Treatment Modalities (Medical/ Surgical) <sup>3</sup>	1
• Drug Study / Pharmacology <sup>4</sup>	2
<b>Total marks</b>	<b>10</b>

**FORMAT FOR Laboratory and Diagnostic Test <sup>1</sup>**

I – Laboratory Test	Normal Value	Result	Significance ( Normal / Abnormal)
II – Diagnostic Test			

**FORMAT for Nursing Process (Nursing Care Plan) <sup>2</sup>**

Nursing Diagnosis Cues (Objective/ Subjective)	Goal / Planning	Intervention	Rationale	Evaluation

**FORMAT FOR Drug Study / Pharmacology<sup>4</sup>**

Name of Drug	Classification/ Mechanism of Action	Indication	Contraindicat ion	Side Effect	Nursing Responsibilit y

**FORMAT FOR CASE STUDY ( 10 marks)\*\*\***

To be submitted one (1) week before the scheduled Case Presentation

	Points / Marks
<b>I - Introduction</b>	<b>(1)</b>
• Patient's Profile	.25
• Brief Statement of Your Client's Case	.5
• Rationale for Choosing the case	.25
<b>II – Assessment</b>	<b>4</b>
• Head to Toe Assessment	.5
• Client's Personal and Family History	.5
• Past Health History	.5
• History of Present Illness	.5
• Laboratory and Diagnostic Test	.5
• Anatomy and Physiology	.5
• Pathophysiology	1
<b>III - Implementation</b>	<b>5</b>
• Nursing Process	2.5
• Treatment Modalities (Medical/ Surgical)	1
• Drug Study / Pharmacology	1.5
<b>Total marks</b>	<b>10</b>

**Required Text(s)** Smeltzer S, Bare , L. Brunner and Suddarth. "Textbook of Medical-Surgical Nursing". Lippincott. CO. 12<sup>th</sup> Ed (March 1, 2012)

**Essential References**

- Lippincott's Nursing Procedures. "Springhouse, Nursing Procedures" Lippincott Williams & Wilkins; Fifth edition (May 1, 2008) ISBN-13: 978-0781786898
- [Christensen](#), B. [Kockrow](#), E. [Cooper](#), K. "Study Guide for Adult Health Nursing" Mosby; 5 edition (December 16, 2005) ISBN-13: 978-0323042369

**Electronic Materials, Web Sites etc**

- [www.lww.com](http://www.lww.com)
- [www.delmarelearning.com](http://www.delmarelearning.com)
- [www.pubmed.com](http://www.pubmed.com)
- [www.discovernursing.com/](http://www.discovernursing.com/)
- [www.amazon.com/Medical-Surgical-Nursing](http://www.amazon.com/Medical-Surgical-Nursing)
- <http://allnurses.com/forums/f31/>
- [-www.med-surg.org/](http://www.med-surg.org/)
- [-www.emedicine.com](http://www.emedicine.com)
- [-www.nursing.duq.edu](http://www.nursing.duq.edu)
- [-www.nursingplanet.com](http://www.nursingplanet.com)

- -[www.currentnursing.com/](http://www.currentnursing.com/) -[www.nursingcenter.com/journals](http://www.nursingcenter.com/journals).
- -[www.free-ed.net](http://www.free-ed.net)
- -[www.currentnursing.com](http://www.currentnursing.com)
- [www.consultanurse.net](http://www.consultanurse.net)

## EVALUATION

Assessment task	Proportion of Final Assessment		
	Lecture	Clinical	Total
Quizze	5		5
Attendance / Attitude	5		5
Assignments / Written Report *		10	10
Midterm Exam	20		20
Case Study /Case Presentation ***		10	10
Clinical Performance Evaluation Checklist		10	10
Final exams	20	20	40
TOTAL MARKS	40	60	100 Marks

**Prepared by:**

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**Reviewed by:**

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**Noted by:**

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