

King Saud University
Riyadh 11421
Kingdom of Saudi Arabia
P.O. Box 642



COURSE SYLLABUS

Course: 315: PRINCIPLES OF LEARNING AND EDUCATION

Prerequisite: 212

Section: 37536 & 63053 & 52733

Semester: 1st Semester 1438-1439

Credit Hours: 2 credits

Faculty: Dr. Sami Alhamidi, PhD

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Day/Time:

- **Sunday 1:00 PM – 2:50 PM, Section# 37536**
- **Tuesday 2:00 PM – 3:50 PM, Section# 63053**
- **Wednesday 8:00 AM – 9:50 AM, Section# 52733**

Course Description

This course is designed to provide students with knowledge, attitude and skills of the nurse as educator. It includes principles of teaching and learning that can be used in raising health awareness of clients as well as changing their knowledge, attitude and health behaviors. Learning theories, teaching strategies and evaluation methods will be the emphasis.

Objectives:

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

- Understand the principles of learning in order to design learner oriented units of instruction.
- Develop skills in evaluating and critiquing several types of teaching methods.
- Understand the principles of the teaching-learning process in order to act as an effective facilitator in achievement of group task.
- Appreciate the use of appropriate media in the implementation of instructional strategies.
- Become aware of the various evaluation techniques and their relationship to various educational objectives.
- Formulate a teaching plan based on identified health needs of a patient.

Course Outline:

- I. Principles of Teaching and Learning
 - a. Education process
 - i. Definition of Terms
 - ii. Parallels between Healthcare practice and Education process
 - iii. ASSURE Model of Education Process
 - b. Patient Education
 - i. Purpose
 - ii. Goal
 - iii. Benefits of Patient Education
 - iv. Aim of Health Educator
 - v. Role of Nurse as Educator
 - c. Principles of teaching and learning
 - i. Principles
 - ii. Characteristics of Effective Teaching and Learning
 - iii. Teacher's Professional Competencies
 - iv. Qualities of Good Learner
 - v. Barriers to teaching
 - vi. Obstacles to learning
 - vii. Learning theories
 - viii. Learning and Retention
 - ix. Types of Learning

- II. Educational Planning
 - a. Definition of Terms
 - b. Curriculum
 - c. Syllabus
 - d. Formulating Learning Objectives
 - i. Need for learning objectives
 - ii. Domains of learning
 - iii. Four-part method of writing objectives
 - e. Selecting content
 - f. Organizing content
 - g. Selecting teaching methods
 - h. Choosing the textbook
 - i. Conducting the class

- III. Instructional Strategies
 - a. Strategies
 - i. Lecture
 - ii. Discussion
 - iii. Questioning
 - iv. Bedside Teaching

- v. Role play
- vi. Simulation
- vii. Demonstration
- viii. Problem solving

- b. Teaching styles
 - i. Expert
 - ii. Formal authority
 - iii. Personal model
 - iv. Facilitator
 - v. Delegator
- c. Factors considered in choosing a teaching method

IV. Teaching Aids

- a. Uses of teaching aids
- b. Types of audio-visual aids
- c. Matching teaching strategies with learning domains
- d. Teaching plan model

V. Assessing and Evaluating Learning

- a. Definition of Terms
- b. Forms of Classroom assessment techniques
- c. Evaluation of Learning
 - i. Formative evaluation
 - ii. Summative evaluation
- d. Types of Examination questions
 - i. Selected response test
 - 1. Multiple choice questions
 - 2. Matching exercises
 - 3. True-false items
 - ii. Compose a response
 - 1. Essay questions

VI. Teaching Plans

- a. Definition
- b. Reasons for constructing teaching plan
- c. Elements of a teaching plan

Learning Methodology:

The teaching-learning methods include:

- Lecture/discussion from required texts and journal articles
- Unit study questions and terminology
- Individual learning activities
- Library search
- Small group discussion
- Student presentations
- Workshops

Course Evaluation:

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| • Participation: (Recitation/Participation, Final Paper) | = 20 % |
| • Recitation/Participation | = 10% |
| • Final Paper submission and presentation | = 10% |
| • Quiz | = 10 % |
| • Quiz 1 | = 5 % |
| • Quiz 2 | = 5% |
| • Midterm Examination | = 30 % |
| • Midterm 1 | = 15% |
| • Midterm 2 | = 15% |
| • Final Examination | = <u>40 %</u> |
| Total | = 100% |

Textbooks:

- Bastable S, Gramet, P., Jacobs, K., Sopczyk, D.L. Health Professional as Educator, Principles of Teaching and Learning. Jones and Bartlett Learning. 2011
- Berman, A; Snyder, S; Fundamentals of Nursing: Kozier and Erbs 9th ed. 2012
- Billings D, Halstead J. Teaching in Nursing. U.S.A.: W.B. Saunders Co.
- Obermann M, Reilly D. Clinical Teaching in Nursing Education. U.S.A.: Jones and Bartlett Pub. Inc. NLN 2002