

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Scientific Research
Course number	DENT4112
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	1
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - The student will acquire knowledge of the basic principles of the scientific method. The student will be able to locate information necessary to conduct research, to use computerized databases, and be familiar with psychology web-based resources. The student will be capable of critically reviewing research reports and to synthesize a body of literature. The student will be able to develop testable hypotheses. The student will be knowledgeable of general research designs, experimental methods, and good research practices. They will be able to select appropriate experimental designs to test hypotheses. The student will understand the ethical treatment of human and animal participants in research

#### Course Contents

- 1 - Research techniques and methods will be examined for the formulation of hypotheses, development of testable objectives, experimental design, subject selection, data collection, data analysis and interpretation, and report preparation

#### Teaching and Learning Methods

- 1 - 1 - Lectures 2 - Power point 3 - Discussion 4 - Assignments