

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Microbiology Lab
Course number	DENT2109
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	0
Credit hours (practical)	1
Course Prerequisites	

Course Objectives

- 1 - 1 - Safety in lab 2 - Commitment to laboratory standards 3 - Identification methodology of study in the lab and that will be different from lectures 4 - Identification biology courses by practical studies 5 - Identification theoretical subjects and concentration on the practical parts 6 - Improve work group skills for students

Course Contents

- 1 - 1 - Safety in laboratory 2 - Recognition of tools, equipment used in lab especially light microscope 3 - Recognition types and examination of cells in all organisms 4 Types of animal tissues (epithelia, connective, muscles, nerves) - 5 Types of plant tissues (meristematic, permanent) - 6 Morphology and anatomy of plants (Roots - stem - leaves) - 7 - Classification of algae 8 Classification of fungi - 9 Macromolecules of cells (Inspection of protein, lipids and fat, carbohydrate)

Teaching and Learning Methods

- 1 - 1 - Theoretical explanation for experiments 2 - Microscopic examination of cells and tissues 3 - Conducting experiments practically 4 - Reading, analysis and discussion of results 5 - Report writing for experiments 6 - Discussion of results

Books and References

Course note	Course note Practical general biology note Other References (Periodical, web sites, etc.)
	Webs related to general biology