Course Description Form

1. Course Name:skin and hair biolgy

2. Course Code: ZU-ALT123-02CM

3. Semester / Year:2025-2026

4. Description Preparation Date:28-2-2026

5. Available Attendance Forms: in person

6. Number of Credit Hours (Total) / Number of Units (Total)2 hours

7. Course administrator's name (mention all, if more than one name)

Name: AHMED FADHIL SHNAN
Email: dr.ahmedfadel@gmail.com

8. Course Objectives

Course Objectives	• **This course aims to introd students to the structural functional biology of the skin hair, with a focus on physiological and biolog characteristics that regulate s health and hair growth. The cou includes the study of skin lay (epidermis, dermis, hypodermis) and the functions each layer, as well as s components such as sebaceous sweat glands.**

9. Teaching and Learning Strategies

Strategy	The teaching strategy for this course is based on integrating theoretical approaches to enhance students' scientific and practical understanding. It includes: Lectures to explain fundamental concepts Use of visual aids such as images and diagrams Educational videos to support learning Classroom discussions to stimulate critical thinking Self-directed learning through references and online resource

	Linking theoretical knowledge with cosmetic and laser applications Continuous assessment through quizzes and class activities

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
		Skin	Introductio	Lecture	Quiz
		Layers	Layers	Lecture	Quiz
		Component	Types	Lectiure	Quiz
		Types	Structure	Discussi	Quiz
		Structures	Hair growth	Lecture	Quiz
		Hair growth	Hair loss	Case stu	Quiz
		Hair	Uv skin	Lecture	Quiz
		problems	Skin aging	Lecture	final
		Final evaluation			exam

11.Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc
The total mark (100) is distributed as follows:
Quizzes: 10 marks
Monthly Exams: 20 marks
Class Participation: 10 marks
Final Exam: 60 marks

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Milady Standard Cosmetology Principles of Anatomy a Physiology – Tortora
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	