

Dentistry (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

Course Introduction and Application Information

Course Code:	UNI364		
Course Name:	Digital Photograpy		
Semester:	Spring		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:	English		
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF- EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Dr. Öğr. Üy. İSMAİL ERİM GÜLAÇTI		
Course Lecturer(s):	Dr. Öğr. Üyesi İsmail Erim GÜLAÇTI		
Course Assistants:			

Course Objective and Content

Course Objectives:	<p>Students will</p> <ul style="list-style-type: none">• Define key photography terminology• Master exposure settings (aperture, shutter speed, ISO)• Compose visually appealing photographs• Understand the role of photography in communication• Edit and enhance photographs using software
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Course Content:	<p>Week 1: Introduction to Digital Photography</p> <ul style="list-style-type: none"> • Learning Objectives: • Define key photography terminology. • Understand the historical development of photography. • Identify the components of a digital camera. • Topics: • History of photography • Digital camera components • Basic camera settings <p>Week 2: Camera Controls and Settings</p> <ul style="list-style-type: none"> • Learning Objectives: • Master exposure settings (aperture, shutter speed, ISO). • Understand the importance of white balance. • Learn to control depth of field. • Topics: • Aperture and depth of field • Shutter speed and motion • ISO and noise • White balance <p>Week 3: Composition and Framing</p> <ul style="list-style-type: none"> • Learning Objectives: • Compose visually appealing photographs. • Understand the rule of thirds and other composition techniques. • Recognize the impact of perspective and framing. • Topics: • Rule of thirds • Leading lines • Framing techniques <p>Week 4: Lighting in Photography</p> <ul style="list-style-type: none"> • Learning Objectives: • Identify and manipulate different types of lighting. • Understand the concept of exposure. • Use natural and artificial light effectively. • Topics: • Types of lighting • Exposure and metering • Flash photography <p>Week 5: Image Editing and Post-Processing</p> <ul style="list-style-type: none"> • Learning Objectives: • Edit and enhance photographs using software (e.g., Adobe Lightroom). • Retouch and correct images. • Topics: • Introduction to image editing software • Basic editing techniques
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Week 6: Visual Storytelling through Photography

- Learning Objectives:
 - Develop the ability to tell stories through photographs.
 - Understand the role of photography in communication.
- Topics:
 - Photojournalism
 - Documentary photography
 - Building a visual narrative

Week 7: Portraiture and People Photography

- Learning Objectives:
 - Capture compelling portraits.
 - Work with human subjects.
- Topics:
 - Portrait photography techniques
 - Working with models and subjects

Week 8: Landscape and Nature Photography

- Learning Objectives:
 - Capture stunning landscapes and nature scenes.
 - Understand the unique challenges of outdoor photography.
- Topics:
 - Landscape composition
 - Nature photography tips

Week 9: Street Photography and Candid Shots

- Learning Objectives:
 - Develop the skills for street and candid photography.
 - Address ethical considerations in public photography.
- Topics:
 - Street photography techniques
 - Ethics in street photography

Week 10: Event and Action Photography

- Learning Objectives:
 - Capture dynamic events and actions.
 - Understand the role of timing and framing.
- Topics:
 - Event photography
 - Action photography

Week 11: Photography for Social Media and Online Platforms

- Learning Objectives:
 - Adapt photography for various online platforms.
 - Understand image resolution and file formats.
- Topics:
 - Social media photography
 - Image optimization for the web

Week 12: Copyright and Legal Aspects

- Learning Objectives:
 - Understand copyright and intellectual property issues in photography.
 - Learn about model releases and permissions.
 - Topics:
 - Copyright in photography
 - Model releases and permissions
- Week 13: Final Project and Portfolio Development
- Learning Objectives:
 - Apply knowledge and skills to a final photography project.
 - Create a portfolio of work for presentation.
 - Topics:
 - Project guidelines
 - Portfolio development
- Week 14: Critique and Reflection
- Learning Objectives:
 - Engage in critical analysis of photographs.
 - Reflect on personal growth as a photographer.
 - Topics:
 - Group critique sessions
 - Personal reflection and future plans

Learning Outcomes

The students who have succeeded in this course;

- 1) Define key photography terminology
- 2) Master exposure settings (aperture, shutter speed, ISO)
- 3) Compose visually appealing photographs
- 4) Apply the rule of thirds and other composition techniques
- 5) Identify and manipulate different types of lighting
- 6) Edit and enhance photographs using software (e.g., Adobe Lightroom)
- 7) Understand the role of photography in communication and develop the ability to tell stories through photographs.
- 8) Differentiate among and use the portrait photography techniques
- 9) Understand the unique challenges of outdoor photography and capture stunning landscapes and nature scenes
- 10) Develop the skills for street and candid photography and address ethical considerations in public photography
- 11) Ability to understand image resolution and file formats and adapt photography to various online platforms
- 12) Understand copyright and intellectual property issues in photography

Course Flow Plan

Week	Subject	Related Preparation
1)	• History of photography • Digital camera components • Basic camera settings	

[illegible]

Course Learning Outcomes	1	2	3	4	5	6	7	8	9	10	11	12
11) Has basic and up-to-date knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.												
12) In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society												
13) Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.												
14) Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.												
15) Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.												

Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has basic and up-to-date knowledge in the field of dentistry, follows scientific publications, and applies evidence-based data to his/her professional practice.	
2)	Knows well and effectively uses devices, tools, and materials specific to diagnosis and	

	treatment in the field of dentistry.	
3)	Evaluates the knowledge in the field of dentistry critically, integrates it with the knowledge of disciplines in the field of health, uses it by analyzing and synthesizing it.	
4)	Produces projects related to the field of dentistry, can work with other health disciplines, takes part as a member of the research team and evaluates and reports the results obtained at a scientific level.	
5)	Uses information that will contribute to the dentistry profession during practice, takes responsibility, and produces solutions in unforeseen situations.	
6)	Shares, compares, and exchanges dental knowledge with professional colleagues in social and scientific environments in written, verbal, and visual forms.	
7)	Within the framework of social, scientific, and ethical values including patient privacy, communicates with patients and their relatives, knows all the characteristics of the patient, and recommends the most appropriate treatment with a patient-centered approach.	
8)	Follows technological developments, participates in national and international studies, and shares and presents own observations, experiences, and research to further advance dental practices.	
9)	By adopting the principle of lifelong learning throughout the dentistry profession, follows current evidence-based dental knowledge and uses it during his professional practice.	
10)	During dental practice, in cases such as abuse and addiction, performs the treatment by exhibiting the behaviors required by social ethics and legal rules, and collects and records the relevant data.	
11)	Uses basic and current knowledge in the field of dentistry during professional practice for the benefit of society within the framework of national values and country realities.	
12)	In natural disasters and emergency cases, takes the protective measures required by the dentistry profession; performs professional practices that benefit patients and society	
13)	Generates ideas regarding health policy in dentistry, prioritizes individual and public health, and carries out preventive and therapeutic medical practices within the framework of scientific, ethical, and quality processes.	
14)	Differentiates the signs and symptoms commonly encountered in the dentistry profession, makes a treatment plan and refers when necessary, and manages diseases and clinical situations regarding their urgency and patient priority.	
15)	Can assume the leadership responsibility of the team he/she works for, manage it following scientific criteria, and support the professional development of the team.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Homework Assignments	5	% 20
Midterms	1	% 40
Final	1	% 40
total		% 100
PERCENTAGE OF SEMESTER WORK		% 60
PERCENTAGE OF FINAL WORK		% 40
total		% 100

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	14	28
Homework Assignments	6	12
Midterms	1	1
Final	1	1
Total Workload		42