

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

## Course Introduction and Application Information

Course Code:	UNI214		
Course Name:	Reading Images		
Semester:	Fall		
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> <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> </div>		
Mode of Delivery:	E-Learning		
Course Coordinator:	Prof. Dr. AYBIKE SERTTAŞ		
Course Lecturer(s):	Aybike Serttaş		
Course Assistants:			

## Course Objective and Content

Course Objectives:	To ask questions on principles of creating images, aesthetic perception, creating meaning, power of image.
Course Content:	How images in mass media are created, and how our human senses can perceive and evaluate them?

## Learning Outcomes

The students who have succeeded in this course;

- 1) Can define the theories on the view of the audience.
- 2) Can tell elements of cinematography.
- 3) Can explain post-truth
- 4) Can read body language in images.
- 5) Can define the power of images as a storytelling tool.

## Course Flow Plan

Week	Subject	Related Preparation
1)	General information about the course, book and film suggestions, a general discussion about the image and word and the relationship between these two.	
2)	Looking as an act of choice	
3)	An image as a recreated or reproduced appearance	
4)	The view of the audience	
5)	The issues of visualization and the viewer experience.	
6)	Reading beauty	
7)	Reading Squid Game	
8)	Reading body language	
9)	Stuart Hall's coding and encoding theory	
10)	About Foucault and Magritte	
11)	Reading Sexism	
12)	Reading images in technical way	
13)	Elements of cinematography 1	
14)	Elements of cinematography II	
15)	Elements of cinematography III	

## Sources

Course Notes / Textbooks:	Ways of Seeing, John Berger History of Beauty, Umberto Eco
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	Setting up Your Shots, Jeremy Vineyard
References:	Ways of Seeing, John Berger History of Beauty, Umberto Eco Setting up Your Shots, Jeremy Vineyard

### Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5
Program Outcomes					
1) Adequate knowledge of mathematics, science and biomedical engineering disciplines; Ability to use theoretical and applied knowledge in these fields in solving complex engineering problems.					
2) Ability to identify, formulate and solve complex biomedical engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.					
3) Ability to design a complex system, process, device or product to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.					
4) Ability to select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in biomedical engineering practices; Ability to use information technologies effectively.					
5) Ability to design, conduct experiments, collect data, analyze and interpret results for the investigation of complex biomedical engineering problems or discipline-specific research topics.					
6) Ability to work effectively in disciplinary and multi-disciplinary teams; individual working skills.					
7) Ability to communicate effectively orally and in writing; knowledge of at least one foreign language, ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.					
8) Awareness of the necessity of lifelong learning; the ability to access information, follow developments in science and technology, and constantly renew oneself.					
9) Knowledge of ethical principles, professional and ethical responsibility, and standards used in engineering practices.					
10) Knowledge of business practices such as project management, risk management and change management; awareness of entrepreneurship, innovation;					

information about sustainable development. <b>Course Learning Outcomes</b>	1	2	3	4	5
11) Information about the effects of biomedical engineering practices on health, environment and safety in universal and social dimensions and the problems of the age reflected in the field of engineering; Awareness of the legal consequences of biomedical engineering solutions.					

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Adequate knowledge of mathematics, science and biomedical engineering disciplines; Ability to use theoretical and applied knowledge in these fields in solving complex engineering problems.	
2)	Ability to identify, formulate and solve complex biomedical engineering problems; ability to select and apply appropriate analysis and modeling methods for this purpose.	
3)	Ability to design a complex system, process, device or product to meet specific requirements under realistic constraints and conditions; ability to apply modern design methods for this purpose.	
4)	Ability to select and use modern techniques and tools necessary for the analysis and solution of complex problems encountered in biomedical engineering practices; Ability to use information technologies effectively.	
5)	Ability to design, conduct experiments, collect data, analyze and interpret results for the investigation of complex biomedical engineering problems or discipline-specific research topics.	
6)	Ability to work effectively in disciplinary and multi-disciplinary teams; individual working skills.	
7)	Ability to communicate effectively orally and in writing; knowledge of at least one foreign language, ability to write effective reports and understand written reports, to prepare design and production reports, to make effective presentations, to give and receive clear and understandable instructions.	
8)	Awareness of the necessity of lifelong learning; the ability to access information, follow developments in science and technology, and constantly renew oneself.	
9)	Knowledge of ethical principles, professional and ethical responsibility, and standards	

	used in engineering practices.	
10)	Knowledge of business practices such as project management, risk management and change management; awareness of entrepreneurship, innovation; information about sustainable development.	
11)	Information about the effects of biomedical engineering practices on health, environment and safety in universal and social dimensions and the problems of the age reflected in the field of engineering; Awareness of the legal consequences of biomedical engineering solutions.	

### Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Homework Assignments	2	% 45
Project	5	% 0
Final	1	% 55
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 45
PERCENTAGE OF FINAL WORK		% 55
<b>total</b>		<b>% 100</b>

### Workload and ECTS Credit Calculation

Activities	Number of Activities	Preparation for the Activity	Spent for the Activity Itself	Completing the Activity Requirements	Workload
Course Hours	45	0			0
Study Hours Out of Class	27	0			0
Project	24	0			0
Homework Assignments	20	0			0
<b>Total Workload</b>					<b>0</b>