

**School of Education / Special Education Teaching**

**2022 - 2023 Academic Year**

**INSTRUCTIONAL TECHNOLOGIES**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
INSTRUCTIONAL TECHNOLOGIES	ÖE2275320	Spring Semester	2+0	2	3
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Res.Assist. Cemil Gökhan KARACAN				
<b>Name of Lecturer(s)</b>	Lect. Serpil AYDIN				
<b>Assistant(s)</b>					
<b>Aim</b>	Information technologies in education; classification of teaching process and teaching technologies; theoretical approaches to teaching technologies; new orientations in learning approaches; current literacy; teaching technologies as tools and materials; design of teaching materials; designing thematic teaching material; creating a field-specific object warehouse, understanding the criteria for evaluating teaching material.				
<b>Course Content</b>	This course contains; Specifying the course objectives and introducing the Instructional Management System, Education, Instruction, Educational Technology and Instructional Technology Concepts, Instructional Technologies and Communication, Message Design, Visual Design Principles, Selection of Tools and Preparation Principles (Effective Presentation Techniques), Technology Planning, Technology Planning, Teaching Tools and Materials (continued), Teaching Tools and Materials (continued), Computer Assisted Teaching and Learning, Evaluation of Instructional Technologies, Instructional technologies in Turkey and in the world (article presentation), Instructional technologies in Turkey and in the world (article presentation).				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
Understanding the evaluation criteria of teaching materials,			1, 10, 16, 19, 6	C	
Making practices for the effective use of teaching materials.			1, 10, 16, 19, 6		
Understanding the advantages and disadvantages of media and materials used for instructional purposes			1, 10, 16, 19, 6		
Creating the infrastructure for the selection and use of teaching materials			1, 10, 16, 19, 6		
able to distinguish the types of printed, non-reflected, reflected and audio-visual materials which are teaching materials.			1, 10, 16, 19, 6		
Understanding visual design tools and principles, using these principles while preparing materials			1, 10, 16, 19, 6		
Recognizing the factors that play a role in the selection of teaching materials			1, 10, 16, 6, 8		
			1, 10, 16, 19, 6		
			1, 10, 16, 6, 8		
			1, 10, 16, 19, 6		
<b>Teaching Methods</b>	1: Lecture, 10: Brainstorming, 16: Project Based Learning, 19: Concept map, 6: Role Model, Making an example, 8: Teamwork				
<b>Assessment Methods</b>	C: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Specifying the course objectives and introducing the Instructional Management System	Study notes			
2	Education, Instruction, Educational Technology and Instructional Technology Concepts	Study notes			
3	Instructional Technologies and Communication	Study notes			
4	Message Design	Study notes			
5	Visual Design Principles	Study notes			
6	Selection of Tools and Preparation Principles (Effective Presentation Techniques)	Study notes			
7	Technology Planning	Study notes			
8	Technology Planning	Study notes			
9	Teaching Tools and Materials (continued)	Study notes			
10	Teaching Tools and Materials (continued)	Study notes			
11	Computer Assisted Teaching and Learning	Study notes			
12	Evaluation of Instructional Technologies	Study notes			
13	Instructional technologies in Turkey and in the world (article presentation)	Study notes			
14	Instructional technologies in Turkey and in the world (article presentation)	Study notes			
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			
<b>Resources</b>					