



**PART III (Department Board Approval)**

Course Contents, Contribution of Course Contents to Learning Outcomes, and Methods for Assessing Learning of Course Contents	Subject	Week	Details of Course Contents	LO1	LO2	LO3	LO4	LO5	LO6	LO7
	S1	1	Electrophysical and thermal principles	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S2	2	Electrical properties of cells and tissues	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S3	3	Properties of straight currents, Iontophoresis technique	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S4	4	Medical and surgical galvanism techniques	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S5	5	Sensory and motor nerve activations, stimulation effects in	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S6	6	Modified forms of straight Galvanic current, Heat, and	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S7	7	Faradic current applications	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S8	8	Midterm Exam Week (Theoretical and Practical)	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S9	9	High Voltage Pulsed Galvanic Current	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S10	10	Physiology of Pain, Mechanisms of TENS and its application	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S11	11	Physiology of Pain, Mechanisms of TENS and its application	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S12	12	Diadinamic current	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S13	13	Interferential current	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	
	S14	14	Microcurrent, Ultra-reiz and Russian Currents	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	

Assessment Methods, Weights in Grading Scheme, Implementation and Make-Up Rules	No	Type	Weight	Implementation Rule	Make-Up Rule
	A1	Exam-Final Jury, Final Project	60%	One final exam is applied. Exam dates are announced by the faculty.	ABU's relevant regulation is applied.
	A2	Quiz			
	A3	Homework			
	A4	Midterm	40%	1 midterm exam (visa) is applied. Exam dates are announced by the faculty	ABU's relevant regulation is applied.
	A5	Project			
	A6	Presentation			
	A7	Attendance/Interaction			
	A8	Class/Lab./			
	A9	Others			
<b>TOTAL</b>			<b>100%</b>		

**Evidence of Achievement of Learning Outcomes** At least one question from each subject is asked during the exams. A weighted average is calculated for each student based on the percentage of each assessment method. Students are required to collect a minimum score over 100, which is announced by the instructor, to pass the course. This score is determined based on class average.

Method for Determining Letter Grade	Direct Conversion System ("DDS" in the regulation.)	<input checked="" type="checkbox"/>	Relative Evaluation ("BDS" in the regulation.)	<input type="checkbox"/>
	A different method/system, not listed above, determined by the Faculty Member / Instructor (This method is explained below)			

No	Method	Explanation	Total Hours
<b>Time expected to be allocated by instructor</b>			
1	Lecture	Lesson topics are explained by writing on the board or with a computer presentation. Sample questions are solved during the lesson.	14
2	Interactive Lecture		
3	Recitation		
4	Laboratory		
5	Practical	The application, using various documents, models and presentations, includes lectures.	42
6	Field Work		
<b>Time expected to be allocated by student</b>			
7	Project		
8	Homework		
9	Pre-class Learning of Course Material	New topics are learned before being taught in the classroom.	28
10	Review of Course Material	Topics are repeated to prepare for exams and assignments.	28
11	Studio		
12	Office Hour	One-on-one meeting with the faculty member	
Calculated ECTS Credit(s)		Max.	4
		Min.	3
		Grand Total	112

## IV. PART

<b>Instructor</b>	<b>Name Surname</b>	
	<b>E-mail</b>	
	<b>Phone Number</b>	
	<b>Office Number</b>	
	<b>Office Hours</b>	
<b>Course Materials</b>	<b>Mandatory</b>	
	<b>Recommended</b>	Nuray Kırdı, Nihal Şimşek, Aydın Meriç, Çiğdem Ayhan, Özlem Yürük (Ed.) ?Elektroterapide Temel Prensipler ve Klinik Uygulamalar? Ankara, Hipokrat,2016. John Low, Ann Reed "Electrotherapy explained: principles and practice" Oxford, 2004. Shelia Kitchen "Electrotherapy: evidence-based practice"Edinburg, 2002. Theresa Nalty."Electrotherapy clinical procedures manual" New York, 2001. Steven L. Wolf.
	<b>Scholastic Honesty</b>	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action. It is explained in Article 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University.
	<b>Students with Disabilities</b>	Reasonable accommodations will be made for students with verifiable disabilities.
<b>Other</b>	<b>Safety Issues</b>	The course does not require any special security measures.
	<b>Flexibility</b>	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.

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