

IZMIR INSTITUTE OF TECHNOLOGY THE GRADUATE SCHOOL OF ENGINEERING AND SCIENCES

LIST OF COURSES TO BE OFFERED IN FALL SEMESTER 2019-2020

DEPARTMENT: PHYSICS

PROGRAM: GRADUATE PROGRAM

COURSE				FACULTY	
NO	CODE	NAME	CREDIT	TITLE	NAME LASTNAME
1	PHYS 501	Mathematical Methods of Physics I	(2-2)3	Assoc. Prof.	H.Sami SÖZÜER
2	PHYS 503	Analytical Mechanics	(2-2)3	Prof.	Recai ERDEM
3	PHYS 506	Electromagnetic Theory II	(2-2)3	Prof.	Durmuş Ali DEMİR
4	PHYS 507	Quantum Mechanics I	(2-2)3	Assoc. Prof.	Özgür ÇAKIR
5	PHYS 511	Condensed Matter Physics I	(3-0)3	Prof.	Nejat BULUT
6	PHYS 513	Physics of Semiconductors	(3-0)3	Dr.Instructor	Enver TARHAN
7	PHYS 522	Advanced Experimental Methods	(3-0)3	Prof.	Lütfi ÖZYÜZER
8	PHYS 523	Fundamentals of Solar Cells	(2-2)3	Prof.	Gülnur AYGÜN ÖZYÜZER
9	PHYS 529	Optical Properties of Solids	(3-0)3	Assoc. Prof.	Serkan ATEŞ
10	PHYS 530	Quantum Optics	(3-0)3	Assoc. Prof.	Özgür ÇAKIR
11	PHYS 541	Quantum Theory of Many-Particle Systems I	(3-0)3	Prof.	Nejat BULUT
12	PHYS 555	Quantum Field Theory I	(3-0)3	Prof.	Durmuş Ali DEMİR
13	PHYS 590	Special Topics in Physics	(3-0)3	Assoc. Prof.	H.Sami SÖZÜER
14	PHYS 591	Graduate Seminar I	(0-2)NC	Prof.	Lütfi ÖZYÜZER
15	PHYS 592	Graduate Seminar II	(0-2)NC	Prof.	Lütfi ÖZYÜZER
16	PHYS 599	Scientific Research Methods and Ethics	(0-2)NC	Assoc. Prof.	A. Devrim GÜÇLÜ
17	PHYS 801	Special Studies	(8-0)NC	Prof.	Nejat BULUT
18	PHYS 802	Special Studies	(8-0)NC	Prof.	Orhan ÖZTÜRK
19	PHYS 803	Special Studies	(8-0)NC	Prof.	Recai ERDEM
20	PHYS 804	Special Studies	(8-0)NC	Assoc. Prof.	H.Sami SÖZÜER
21	PHYS 805	Special Studies	(8-0)NC	Prof.	Lütfi ÖZYÜZER
22	PHYS 807	Special Studies	(8-0)NC	Assoc. Prof.	Bedrettin SUBAŞILAR
23	PHYS 809	Special Studies	(8-0)NC	Prof.	Durmuş Ali DEMİR
24	PHYS 811	Special Studies	(8-0)NC	Dr.Instructor	Enver TARHAN
25	PHYS 814	Special Studies	(8-0)NC	Dr.Instructor	Gürcan ARAL



26	PHYS 815	Special Studies	(8-0)NC	Prof.	Gülnur AYGÜN ÖZYÜZER
27	PHYS 818	Special Studies	(8-0)NC	Assoc. Prof.	Özgür ÇAKIR
28	PHYS 819	Special Studies	(8-0)NC	Assoc. Prof.	Cem ÇELEBİ
29	PHYS 820	Special Studies	(8-0)NC	Assoc. Prof.	A. Devrim GÜÇLÜ
30	PHYS 821	Special Studies	(8-0)NC	Assoc. Prof.	Serkan ATEŞ
31	PHYS 500	M.S. Thesis	(0-1)NC	Prof. Prof. Prof. Prof. Prof. Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Dr.Instructor Dr.Instructor	Nejat BULUT Durmuş Ali DEMİR Recai ERDEM Orhan ÖZTÜRK Lütfi ÖZYÜZER Gülnur Aygün ÖZYÜZER Bedrettin SUBAŞILAR H.Sami SÖZÜER Serkan ATEŞ Özgür ÇAKIR A.Devrim GÜÇLÜ Cem ÇELEBİ Gürcan ARAL Enver TARHAN
32	PHYS 600	Ph.D. Thesis	(0-1)NC	Prof. Prof. Prof. Prof. Prof. Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Assoc.Prof. Dr.Instructor Dr.Instructor	Nejat BULUT Durmuş Ali DEMİR Recai ERDEM Orhan ÖZTÜRK Lütfi ÖZYÜZER Gülnur Aygün ÖZYÜZER Bedrettin SUBAŞILAR H.Sami SÖZÜER Serkan ATEŞ Özgür ÇAKIR A.Devrim GÜÇLÜ Cem ÇELEBİ Gürcan ARAL Enver TARHAN

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HEAD OF DEPARTMENT