

IZMIR INSTITUTE OF TECHNOLOGY THE GRADUATE SCHOOL OF ENGINEERING AND SCIENCES

LIST OF COURSES TO BE OFFERED IN FALL SEMESTER 2017-2018

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	Prof.	R.Tuğrul SENER
2	PHYS 503	Analytical Mechanics	(2-2)3	Prof.	Recai ERDEM
3	PHYS 505	Electromagnetic Theory I	(2-2)3	Assoc.Prof.	H.Sami SÖZÜER
4	PHYS 506	Electromagnetic Theory II	(2-2)3	Assoc.Prof.	H.Sami SÖZÜER
5	PHYS 507	Quantum Mechanics I	(2-2)3	Prof.	Durmuş Ali DEMİR
6	PHYS 511	Condensed Matter Physics I	(3-0)3	Prof.	Nejat BULUT
7	PHYS 513	Physics of Semiconductors	(3-0)3	Assoc. Prof.	Cem ÇELEBİ
8	PHYS 519	Surface Analysis Techniques	(3-0)3	Prof.	Orhan ÖZTÜRK
9	PHYS 522	Advanced Experimental Methods	(3-0)3	Prof.	Lütfi ÖZYÜZER
10	PHYS 532	Applied Quantum Optics	(3-0)3	Assoc. Prof.	Serkan ATEŞ
11	PHYS 541	Quantum Theory of Many Particle Systems I	(3-0)3	Prof.	Nejat BULUT
12	PHYS 556	Quantum Field Theory II	(3-0)3	Prof.	Durmuş Ali DEMİR
13	PHYS 591	Graduate Seminar I	(0-2)NC	Prof.	R.Tuğrul SENER
14	PHYS 592	Graduate Seminar II	(0-2)NC	Prof.	R.Tuğrul SENER
15	PHYS 599	Scientific Research Methods and Ethics	(0-2)NC	Assoc.Prof.	A. Devrim GÜÇLÜ
16	PHYS 801	Special Studies	(8-0)NC	Prof.	Nejat BULUT
17	PHYS 802	Special Studies	(8-0)NC	Prof.	Orhan ÖZTÜRK
18	PHYS 803	Special Studies	(8-0)NC	Prof.	Recai ERDEM
19	PHYS 804	Special Studies	(8-0)NC	Assoc. Prof.	H.Sami SÖZÜER
20	PHYS 805	Special Studies	(8-0)NC	Prof.	Lütfi ÖZYÜZER
21	PHYS 807	Special Studies	(8-0)NC	Assoc. Prof.	Bedrettin SUBAŞILAR
22	PHYS 809	Special Studies	(8-0)NC	Prof.	Durmuş Ali DEMİR

23	PHYS 811	Special Studies	(8-0)NC	Asst. Prof.	Enver TARHAN
24	PHYS 814	Special Studies	(8-0)NC	Asst. Prof.	Gürcan ARAL
25	PHYS 815	Special Studies	(8-0)NC	Assoc. Prof.	Gülnur AYGÜN ÖZYÜZER
26	PHYS 817	Special Studies	(8-0)NC	Prof.	R.Tuğrul SENGER
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. Assoc.Prof. Asst.Prof. Asst.Prof.	R.Tuğrul SENGER 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. Assoc.Prof. Assoc.Prof. Asst.Prof. Asst.Prof.	R.Tuğrul SENGER 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

14.../.../2017

HEAD OF DEPARTMENT