

TOPLAM DERS-PROGRAM ÇIKTILARI İLİŞKİSİ

					Program Çıktıları													
Kodu	Ders Adı	T	P	AKTS	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1. Yarıyıl																		
FIZ5001	SCIENTIFIC RESEARCH METHODS	2	0	6	3	5	4	3	4	5	4	3	3	3	5	5	5	4
FIZ5003	SPECIAL TOPICS-I	5	0	10	5	5	5	3	5	5	4	5	5	5	5	5	5	5
FIZ5005	THESIS RESEARCH	0	1	20	5	5	5	3	5	5	4	5	5	5	5	5	5	5
FIZ5007	SEMINAR	0	2	6	4	5	4	3	5	5	4	4	4	5	5	5	4	4
FIZ5101	LASER PHYSICS-I	2	0	6	3	4	2	0	3	2	3	3	3	4	2	4	5	2
FIZ5103	OPTOELECTRONICS-I	2	0	6	3	5	2	1	3	2	3	3	3	3	2	5	4	2
FIZ5107	DIELECTRIC PROPERTIES OF THE MATERIAL-I	2	0	6	3	5	2	0	3	2	3	3	3	3	2	5	5	2
FIZ5111	SOLAR ENERGY PHYSICS-I	3	0	8	3	5	2	2	4	2	3	3	3	3	2	5	4	2
FIZ5113	INFRARED AND RAMAN SPECTROSCOPY-I	2	0	6	4	4	2	1	3	2	3	4	4	3	2	4	5	2
FIZ5115	CURRENT SUBJ. IN COND.MATTER PHYSİCS-	2	0	6	4	5	2	1	4	3	2	4	4	4	3	5	4	2
FIZ5117	PHASE TRANSITIONS IN METALS AND ALLOYS-I	2	0	6	4	4	1	0	3	2	2	4	4	4	2	4	4	1
FIZ5119	NUCLEAR EXPERIMENTAL TECHNIQUES-I	2	0	6	3	4	2	0	3	3	3	3	3	4	3	4	4	2
FIZ5121	CALCULATED GAS DYNAMICS-I	2	0	6	4	4	2	0	3	2	3	4	4	3	2	4	4	2
FIZ5123	STAR ATMOSPHERES	2	0	6	3	4	2	2	3	2	2	3	3	4	2	4	4	2
FIZ5125	ADVANCED SOLID STATE PHYSICS-I	3	0	8	4	4	2	0	3	3	2	4	4	3	3	4	4	2
FIZ5129	HIGH ENERGY PHYSICS-I	3	0	8	3	4	2	0	4	2	3	3	3	3	2	4	4	2
FIZ5131	PLASMA PHYSICS-I	3	0	8	3	4	1	1	4	3	3	3	3	3	3	4	4	1

FIZ5133	MAGNETIC PROPERTIES OF THE MATERIAL-I	3	0	8	3	4	2	1	4	2	3	3	3	3	2	4	3	2
FIZ5135	METALOGRAFI	2	0	6	4	3	2	1	3	2	3	4	4	3	2	3	4	2
FIZ5137	SOLID STATE ELECTRONICS-I	3	0	8	3	4	2	0	4	2	3	3	3	4	2	4	5	2
FIZ5139	ELECTRONICS FOR NUCLEAR PHYSICS-I	3	0	8	4	5	2	1	3	2	3	4	4	3	2	5	4	2
FIZ5141	STRUCT. DISORDERS IN SEMICONDUCTORS-I	3	0	8	4	4	2	1	4	3	2	4	4	4	3	4	4	2
FIZ5145	CRYSTAL STRUCTURE DETERMINATION-I	3	0	8	3	4	2	0	3	3	3	3	3	4	3	4	4	2
FIZ5147	THERMO AND STATIS. MECH. PROB.	3	0	8	3	4	2	2	3	2	3	3	3	3	2	4	4	2
FIZ5149	SUPERCONDUCTORS PHYSICS-I	3	0	8	3	4	2	1	3	2	2	3	3	3	2	4	4	2
FIZ5151	CONDUCTIVITY IN METALS-I	3	0	8	3	4	2	1	4	3	2	3	3	3	3	4	5	2
FIZ5153	MAGNETISM-I	3	0	8	3	5	2	0	3	2	3	3	3	3	2	5	4	2
FIZ5155	THEORETICAL STUD.IN SUPERCONDUCTORS-I	3	0	8	4	4	2	0	4	2	3	4	4	3	2	4	5	2
FIZ5159	DIFERENTIAL GEOMETRY FOR PHYSICISTS	3	0	8	3	4	2	2	4	2	3	3	3	3	2	4	4	2
FIZ5161	HIGH ENERGY ASTROPHYSICS	3	0	8	3	4	2	0	3	2	3	3	3	3	2	4	5	2
FIZ5163	METAL PHYSICS-I	2	0	6	3	5	1	0	3	2	3	3	3	3	2	5	4	1
FIZ5165	GRAVITATION and CHOSMOLOGY_I	2	0	6	3	4	2	0	3	2	3	3	3	3	2	4	4	2
FIZ5167	BIOLOJIC VE MEDICAL PHYSICS-I	2	0	6	4	4	2	1	3	3	3	4	4	3	3	4	5	2
FIZ5169	NUCLEAR STRUCTURE PHYSICSS-I	3	0	8	3	5	2	1	3	2	3	3	3	4	2	5	5	2
FIZ5171	SOLID STATE THEORY-I	3	0	8	3	5	2	1	4	2	2	3	3	3	2	5	5	2
FIZ5175	METHODS OF SPECTRAL ANALYSES-I	3	0	8	4	4	1	1	3	2	3	4	4	3	2	4	5	1
FIZ5177	NUCLEAR MAGNETIC RESONANCE-I	3	0	8	4	5	2	1	3	3	3	4	4	3	3	5	4	2
FIZ5181	LATTICE DYNAMICS	3	0	8	3	4	2	0	3	3	2	3	3	3	3	4	4	2
FIZ6001	SEMINAR	0	2	6	4	5	4	3	5	5	4	4	4	5	5	5	4	4

FIZ6003	SPECIALIZED FIELD COURSE-I	5	0	10	5	5	5	3	5	5	4	5	5	5	5	5	5
FIZ6005	THESIS RESEARCH	0	1	20	5	5	5	3	5	5	4	5	5	5	5	5	5
FIZ6007	DOCTORAL QUALIFICATION	0	0	30	5	5	5	4	5	5	4	5	5	5	5	5	5
FIZ6101	COLLIDERS IN HIGH ENERGY PHYSICS	3	0	10	3	4	1	1	3	3	3	3	3	3	3	4	5
FIZ6103	QUANTUM FIELD ALAN THEORY-I	3	0	10	3	5	2	2	3	2	3	3	3	3	2	5	5
FIZ6109	ANALYTICAL MECHANICS-I	3	0	10	4	4	2	1	3	2	3	4	4	3	2	4	5
FIZ6115	NUCLEAR REACTIONS-I	3	0	10	4	4	1	1	3	2	2	4	4	4	2	4	4
FIZ6117	MATH. METHODS-I IN ADVANCED PHYSICS	3	0	10	3	4	2	1	3	3	3	3	3	4	3	4	4
FIZ6119	SEMICONDUCTOR PHYSICS-I	3	0	10	4	4	2	1	3	2	3	4	4	3	2	4	4
FIZ6121	CURRENT SUBJ. IN ATOM. AND MOLECU. PHY-I	3	0	10	3	4	1	1	3	3	3	3	3	3	3	4	5
FIZ6123	CLASICAL ELEKTRODYNAMICS-I	3	0	10	3	5	2	0	3	2	3	3	3	3	2	5	5
FIZ7001	MATHEMATICAL METHODS OF PHYSICS-I	3	0	8	4	5	2	1	4	3	2	4	4	4	3	5	4
FIZ7003	ADVANCED QUANTUM MECHANICS-I	3	0	8	3	5	2	2	3	2	3	3	3	3	2	5	5
FIZ7005	STATISTICAL MECHANICS –I	3	0	8	3	4	1	1	3	3	3	3	3	3	3	4	5
	2. Yarıyıl																
FIZ5004	SPECIAL TOPICS-II	5	0	10	5	5	5	3	5	5	4	5	5	5	5	5	5
FIZ5006	THESIS RESEARCH	0	1	20	5	5	5	3	5	5	4	5	5	5	5	5	5
FIZ5008	SEMINAR	0	2	6	4	5	4	3	5	5	4	4	4	5	5	5	4
FIZ5102	LASER PHYSICS-II	2	0	6	3	4	2	0	4	2	3	3	3	4	2	4	5
FIZ5104	OPTOELECTRONICS-II	2	0	6	3	5	2	0	4	3	3	3	3	3	3	5	4
FIZ5106	STATISTICAL MECHANICS -II	2	0	6	3	4	1	2	4	2	3	3	3	3	2	4	5
FIZ5108	DIELECTRIC PROPERTIES OF THE MATERIAL II	2	0	6	3	5	2	0	3	2	3	3	3	3	2	5	5

FIZ5112	SOLAR ENERGY PHYSICS-II	3	0	8	3	5	2	0	3	2	3	3	3	3	2	5	4	2
FIZ5114	INFRARED AND RAMAN SPECTROSCOPY-II	2	0	6	4	4	2	1	3	3	3	4	4	3	3	4	5	2
FIZ5116	CURRENT SUBJ. IN COND.MATTER PHYSICS-II	2	0	6	4	5	2	1	3	2	2	4	4	4	2	5	4	2
FIZ5118	PHASE TRANSITIONS IN METALS AND ALLOYS-II	2	0	6	4	4	1	1	3	3	2	4	4	4	3	4	4	1
FIZ5120	NUCLEAR EXPERIMENTAL TECHNIQUES-II	2	0	6	3	4	2	0	3	2	3	3	3	4	2	4	4	2
FIZ5122	CALCULATED GAS DYNAMICS-II	3	0	8	4	4	2	1	4	2	3	4	4	3	2	4	4	2
FIZ5124	GRAVITATION AND COSMOLOGY-II	2	0	6	3	4	2	1	4	3	2	3	3	4	3	4	5	2
FIZ5126	X-RAYS ANALY. METH. IN SUPERCONDUCTORS	2	0	6	4	5	2	0	4	2	2	4	4	3	2	5	5	2
FIZ5128	X-RAYS PHOTOELECTRON SPECTROSCOPY-II	2	0	6	3	5	2	1	3	2	3	3	3	4	2	5	5	2
FIZ5130	SPECTRAL ANALYZE METHODS-II	2	0	6	3	5	2	1	4	3	3	3	3	3	3	5	4	2
FIZ5132	ADVANCED SOLID STATE PHYSICS-II	3	0	8	3	4	1	0	3	2	3	3	3	3	2	4	5	1
FIZ5136	HIGH ENERGY PHYSICS II	3	0	8	4	4	2	2	3	2	3	4	4	3	2	4	5	2
FIZ5138	PLASMA PHYSICS-II	3	0	8	3	5	2	1	3	2	3	3	3	4	2	5	5	2
FIZ5140	MAGNETIC PROPERTIES OF THE MATERIAL-II	3	0	8	4	5	2	1	3	3	3	4	4	3	3	5	5	2
FIZ5142	METAL PHYSICS-II	2	0	6	4	5	2	0	3	2	2	4	4	4	2	5	4	2
FIZ5144	ELECTRONICS FOR NUCLEAR PHYSICS-II	3	0	8	4	4	1	0	4	3	2	4	4	4	3	4	5	1
FIZ5146	STRUCT. DISORDERS IN SEMICONDUCTORS-II	3	0	8	3	5	2	0	3	2	3	3	3	4	2	5	4	2
FIZ5150	CRYSTAL STRUCTURE DETERMINATION-II	3	0	8	3	4	2	0	4	3	2	3	3	3	3	4	4	2
FIZ5152	STATISTICAL MECH. PROBLEMS SOLITIONS	3	0	8	3	4	2	0	4	2	2	3	3	3	2	4	4	2
FIZ5154	SUPERCONDUCTORS PHYSICS-II	3	0	8	3	4	2	0	3	2	3	3	3	3	2	4	5	2
FIZ5156	CONDUCTIVITY IN METALS-II	3	0	8	4	5	2	1	3	3	3	4	4	3	3	5	5	2
FIZ5158	MAGNETISM-II	3	0	8	3	5	1	1	3	2	3	3	3	4	2	5	5	1

FIZ5160	THEORET. STUDIES IN SUPERCONDUCTORS-II	3	0	8	3	5	2	1	3	2	3	3	3	3	2	5	4	2
FIZ5164	INTRODUCTION TO GENERAL RELATIVITY	3	0	8	3	5	1	1	3	2	3	3	3	3	2	5	4	1
FIZ5168	NANOTECHNOLOGY	3	0	8	4	5	2	0	4	2	3	4	4	3	2	5	5	2
FIZ5170	COMPUTATIONAL PHYSICS	2	0	6	3	5	2	0	4	3	2	3	3	4	3	5	5	2
FIZ5172	ACCELERATOR PHYSICS AND APPLICATIONS	3	0	8	3	5	2	2	3	2	2	3	3	3	2	5	4	2
FIZ5174	STRUCTURE AND EVOLUTION OF STARS	3	0	8	3	4	2	1	4	2	3	3	3	4	2	4	5	2
FIZ5178	SOLIDIFICATION PRENCIPLES	3	0	8	3	4	2	0	4	2	3	3	3	3	2	4	4	2
FIZ5180	BIOLOGIC AND MEDICAL PHYSICS-II	3	0	8	3	4	2	0	3	2	3	3	3	3	2	5	4	2
FIZ5184	CRYSTAL GROWTH TECHNIQUES	2	0	6	4	4	2	2	3	2	3	4	3	3	2	4	4	2
FIZ5186	NUCLEAR STRUCTURE PHYSICS-II	3	0	8	4	4	2	0	3	3	3	4	4	3	3	4	4	2
FIZ5188	NUCLEAR MAGNETIC RESONANCE-II	3	0	8	4	5	2	0	4	2	3	4	4	4	2	4	4	2
FIZ6002	SEMINAR	0	2	6	4	5	4	3	5	5	4	4	4	5	5	5	4	4
FIZ6004	SPECIALIZED FIELD COURSE-II	5	0	10	5	5	5	3	5	5	4	5	5	5	5	5	5	5
FIZ6006	THESIS RESEARCH	0	1	20	5	5	5	3	5	5	4	5	5	5	5	5	5	5
FIZ6008	DOCTORAL QUALIFICATION	0	0	30	5	5	5	4	5	5	4	5	5	5	5	5	5	5
FIZ6102	LABORAT. TECHNICS AT LOW TEMPERATURE	3	0	10	3	4	2	1	4	2	3	3	3	3	2	4	3	2
FIZ6106	QUANTUM FIELD THEORY-II	3	0	10	3	4	2	0	4	2	3	3	3	4	2	4	5	2
FIZ6108	QUANTUM SCATTERING THEORY	3	0	10	4	5	2	1	3	2	3	4	4	3	2	5	4	2
FIZ6110	ADVANCED QUANTUM MECHANICS-II	3	0	10	4	4	2	1	4	3	2	4	4	4	3	4	4	2
FIZ6114	ANALYTICAL MECHANICS-II	3	0	10	3	4	2	1	3	3	3	3	3	4	3	4	4	2
FIZ6116	MATHEMATICAL METHODS OF PHYSICS-II	3	0	10	3	4	2	2	3	2	3	3	3	3	2	4	4	2
FIZ6118	LEVITATION SYSTEMS IN SUPERCONDUCTORS	3	0	10	3	4	2	1	3	2	2	3	3	3	2	4	4	2

