

IZMIR INSTITUTE OF TECHNOLOGY
FACULTY OF SCIENCE
DEPARTMENT OF PHYSICS
UNDERGRADUATE PROGRAM ELECTIVE COURSES

			ECTS	PRCD/CRCD
PHYS 312	Electronics for Physicists	(3+0)3	6	
PHYS 313	Environmental Physics	(3+0)3	6	
PHYS 314	Astronomy	(3+0)3	6	
PHYS 327	Data Analysis I	(3+0)3	6	
PHYS 328	Data Analysis II	(3+0)3	6	
PHYS 341	Advanced Physics Internship	(0+6)3	6	
PHYS 342	Physics Internship	(0+1)NC	6	
PHYS 377	Astrophysics I	(3+0)3	6	
PHYS 378	Astrophysics II	(3+0)3	6	
PHYS 380	Thermal Physics	(3+0)3	6	
PHYS 390	Special Relativity	(3+0)3	6	
PHYS 405	Advanced Physics Laboratory	(1+4)3	6	
PHYS 415	Computer Interface for Physics Experiments	(3+0)3	6	
PHYS 416	Computational Physics	(3+0)3	6	
PHYS 435	Applied Superconductivity	(3+0)3	6	
PHYS 436	Intro. to Nanoscale Science & Technology	(3+0)3	6	
PHYS 441	Solid State Device Physics	(3+0)3	6	
PHYS 442	Solid State Device Technology	(3+0)3	6	
PHYS 446	Optoelectronic Devices	(3+0)3	6	
PHYS 448	Quantum Optics	(3+0)3	6	
PHYS 453	Molecular Biophysics I	(3+0)3	6	
PHYS 454	Molecular Biophysics II	(3+0)3	6	
PHYS 461	Research Study I	(1+4)3	6	
PHYS 462	Research Study II	(1+4)3	6	
PHYS 473	Optics	(3+0)3	6	
PHYS 474	Fibre Optics	(3+0)3	6	
PHYS 480	Intro. to General Relativity & Cosmology	(3+0)3	6	
PHYS 482	Introduction to High Energy Physics	(3+0)3	6	
PHYS 496	Introduction to Atmospheric Physics	(3+0)3	6	

The two courses PHYS 461 and PHYS 462 can be taken by the students having a 2,5 or more GPA.