

Physics - Student Outcome Assessment

InDirect Assessment Methods First Semester 1435-1436

Courses	Courses	a1	a2	a3	b1	b2	b3	c1	c2	d1	d2	d3
PHYS 201	General Physics 1	96%	77%	87%	84%	74%	85%	93%	89%	79%	83%	89%
PHYS 202	General Physics 2	87%	87%	80%	87%	100%	87%	93%	87%	93%	87%	93%
PHYS 211	Classical Mechanics	56%	78%	42%	4%	44%	33%	49%	44%	58%	0%	42%
PHYS 231	Waves and Vibrations	90%	95%	100%	90%	95%	85%	95%	85%	90%	95%	95%
PHYS 241	Thermodynamics	70%	70%	70%	0%	80%	60%	90%	80%	80%	0%	60%
PHYS 291	Thermal Lab.	100%	60%	87%	100%	67%	80%	87%	73%	80%	80%	80%
PHYS 303	Mathematical Physics I											
PHYS 304	Mathematical Physics II	80%	100%	86%	60%	89%	71%	89%	69%	80%	74%	74%
PHYS 321	Electromagnetism 1	95%	93%	95%	95%	95%	95%	90%	95%	93%	93%	98%
PHYS 322	Electromagnetism II	93%	80%	87%	100%	100%	93%	0%	0%	0%	87%	93%
PHYS 332	Optics	80%	100%	87%	60%	91%	73%	91%	71%	82%	75%	76%
PHYS 342	Statistical Physics	100%	92%	72%	16%	80%	72%	88%	76%	80%	76%	68%
PHYS 351	Modern Physics	98%	85%	93%	65%	88%	90%	90%	78%	85%	85%	90%
PHYS 352	Quantum Mechanics 1	0%										
PHYS 361	Health Physics	100%	95%	95%	90%	95%	90%	95%	100%	95%	100%	100%
PHYS 362	Biophysics	80%	100%	88%	60%	92%	68%	84%	68%	80%	76%	76%
PHYS 392	Optics Lab	80%	100%	80%	60%	80%	60%	70%	60%	70%	70%	70%
PHYS 393	Electromagnetism Lab.	100%	90%	90%	100%	60%	90%	100%	90%	90%	80%	70%
PHYS 406	mathematical Physics 3	93%	90%	90%	97%	87%	87%	0%	0%	0%	93%	97%
PHYS 423	Electronics	75%	75%	75%	67%	71%	63%	75%	75%	67%	75%	79%
PHYS 453	Quantum Mechanics II	54%										
PHYS 454	Atomic and Molecular Physics	67%	79%	71%	71%	69%	60%	79%	74%	69%	74%	71%
PHYS 471	solid state Physics 1	0%										
PHYS 472	solid state Physics II	96%	100%	96%	80%	100%	92%	96%	96%	96%	92%	96%
PHYS 473	Semiconducutor	100%	100%	100%	100%	100%	100%	92%	100%	100%	100%	96%
PHYS 474	Material Science	100%	100%	90%	90%	100%	90%	90%	100%	100%	100%	90%
PHYS 481	Nuclear Physics 1	91%	91%	63%	0%	94%	40%	94%	91%	89%	74%	80%
PHYS 482	Nuclear Physics II	100%	80%	60%	0%	100%	40%	100%	100%	100%	80%	80%
PHYS 485	Neutrons Physics and Reactors	100%	90%	90%	100%	100%	100%	90%	100%	90%	100%	100%
PHYS 494	Modern Physics Lab.	93%	80%	100%	80%	73%	87%	87%	93%	80%	93%	73%
PHYS 496	Solid state Physics Lab.	100%	93%	93%	100%	93%	87%	93%	87%	100%	87%	100%
PHYS 497	Nuclear Physics Lab.	100%	100%	100%	100%	100%	90%	80%	100%	90%	90%	100%
PHYS 499	Project	0%										
MATH 201	Calculus 1	88%	86%	84%	84%	86%	74%	92%		86%	82%	86%
MATH 202	Calculus 2	0%										
MATH 310	Differential Equations	0%										
MATH 324	Partial Differential Equations	0%										

In-Direct Assessment (Student Learning Outcomes)

