

	3 SH	3 SH	3 SH	1 SH	3 SH	3 SH	3 SH	3 SH	3 SH	4 SH	3 SH	3 SH	3 SH	3 SH	3 SH
Program SLOs	PHY 2048 Calculus-Based Physics I	PHY 2049 Calculus-Based Physics II	PHY 3106 Calculus-Based Physics III	PHZ 3018L Physics Skills	PHY 3XX1-1 Intermediate Physics Lab	PHY 3107 Calculus-Based Physics IV	PHY 3XX1-2 Electronics	PHZ 3151C Introduction to Scientific Computing	PHZ 4113 Mathematical Physics I	PHY 3220 Intermediate Mechanics	PHY 4323 Electricity & Magnetism I	PHY 4325 Electricity & Magnetism II	PHY 4513 Thermal & Statistical I Physics	PHY 4604 Quantum Theory I	PHY 4822L Advanced Physics Lab
Content															
State and explain the basic laws of the different branches of physics.	Introduced	Introduced	Introduced		Reinforced	Reinforced	Reinforced	Reinforced		Reinforced	Reinforced	Mastery	Mastery	Mastery	Mastery
Critical Thinking															
Analyze a problem or situation and apply logical thinking, along with mathematical analysis, to the solution of the problem.	Introduced	Introduced	Introduced	Reinforced	Reinforced	Reinforced	Reinforced	Reinforced	Reinforced	Reinforced	Reinforced	Mastery	Mastery	Mastery	Mastery
Communication															
Express the knowledge gained from the program in discussion, through written reports, and through presentations.				Introduced	Reinforced		Reinforced	Reinforced	Introduced						Mastery
Integrity / Values															
Maintain a strict code of conduct in presentation of results and by providing appropriate references for work cited and used					Introduced			Reinforced	Introduced						Mastery