

	Outcome Name	Outcome
1	Knowledge: Classical Mechanics	Students will develop knowledge of Classical Mechanics
	Knowledge: Electricity & Magnetism	Students will develop knowledge of Electricity & Magnetism.
	Knowledge: Optics	Students will develop knowledge of Optics.
	Knowledge: Statistical Mechanics and Thermodynamics	Students will develop knowledge of Statistical Mechanics and Thermodynamics.
	Knowledge: Modern Physics and Quantum Mechanics	Students will develop knowledge of Modern Physics and Quantum Mechanics
2	Analytical Skills	Develop analytical skills (such as applications of various coordinate systems, differential and boundary equations, algebraic methods, generalized Fourier series, analytic approximation, physical interpretation of limiting cases, and differential calculus).
3	Experimental Skills	Develop experimental skills (such as (the ability to design, construct and assemble experimental apparatuses, conduct and analyze measurements of physical phenomena, assess experimental uncertainty, conduct literature reviews, and make meaningful comparisons between experiment and theory)).
4	Communication: Oral & Written	Students will be able to communicate results of scientific inquiries orally.