



Course Competency Report by Code

Code: BZT2

Physics: Waves and Optics (BZT2)

Course of Study: BZT1 - Physics: Waves and Optics

Course Level: Graduate

Course Division: First Year Master's

Discipline: Physics

Course Type:

Department: Science

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
207.1.1	Introduction to Physics	The graduate designs inquiry investigations using the concepts of the history and nature of science and the National Science Education Standards; and introduces students to careers in physics and to the contributions of individuals in physics; and conducts research in physics.
207.2.4	Kinetic Theory of Gases	The graduate demonstrates the behavior of molecules in a gas based on kinetic theory of gases.
207.2.5	Thermodynamics	The graduate applies concepts of thermodynamics to solve problems.
207.2.6	Nature of Light	The graduate applies models of light to solve problems and describe the behavior of light.