

PALT 401 Introduction to Photonics and Laser Technology

PALT 401 INTRODUCTION TO PHOTONICS AND LASER TECHNOLOGY

An introductory review of photonics and laser technology (PALT) and the mathematical skills to address engineering problems in PALT. Topics include: Review of various PALT quantities, common PALT algebraic expressions, visualization of typical linear and non-linear behaviors in PALT, geometry and trigonometry in PALT elements like lenses and prisms, description of sinusoidal and wave motion, introduction to concepts like polarization through complex notation and vectors. *Pass/No Pass Only. Degree Credit.*

Units: 2

Hours/semester: 32-36 Lecture; 64-72 Homework

Transfer Credit: CSU

