The objective of this course is to provide a working knowledge of optics and optical components as applied to modern engineering systems.


Instructor: Prof. Thomas K. Gaylord

SUMMARY OUTLINE

• Modern Optical/Optoelectronic Systems
• Light Sources and Light Measurement
• Geometrical Optics and Optical Imaging
• Close-Up Imaging
• Refractive/Diffractive Photographic Lenses
• Aberrations in Optical Systems
• Electromagnetic Optics
• Waveguide Optics
• Wave Optics, Diffractive Optics
• Fourier Optics