PHY530
Optics and Optical Detectors

3 credits

Provides the student with a basic understanding of the scientific principles associated with optics and optical image formation, as well as image capture, processing and analysis. An end-to-end treatment of the imaging system is employed to illustrate the inter-relationships of the concepts introduced. The student will become familiar with systems analyses of simple imaging systems and image analysis methods.

Prerequisites: PHY309 or equivalent

This course is eligible for the CRISP RET Scholarship program for educators. Application is available at crisp.southernct.edu
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