

## Physics ● Optics ● Graduate Course

### PHY531

#### *Interferometric Methods in Imaging and Precision Measurement*



#### 3 credits

The interference of light is discussed in detail. Applications to high-resolution imaging and precision measurement are covered, including techniques such as electronic speckle pattern interferometry, long baseline optical interferometry and related techniques. The student will become familiar with the basic performance metrics and main types of interferometers in use today

**Prerequisites: PHY530**



This course is eligible for the CRISP RET Scholarship program for educators. Application is available at [crisp.southernct.edu](http://crisp.southernct.edu)

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