

Looking for additional information or to obtain an application?

Please complete and return the form below or visit www.lehigh.edu/optics/outreach.html.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

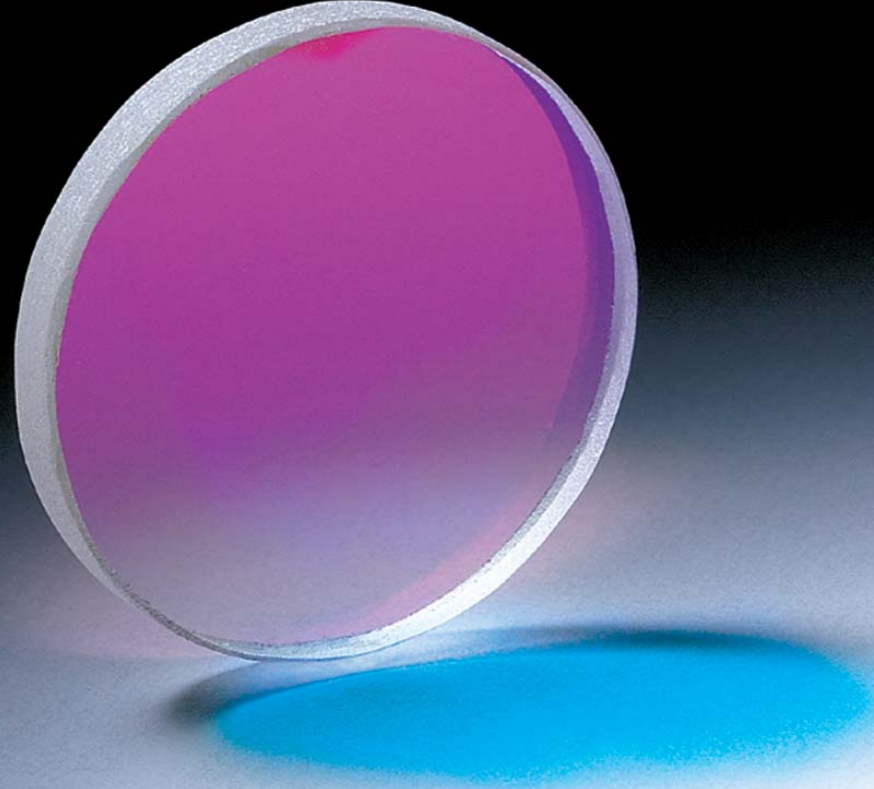
School District: _____ Current Grade Level: _____

Please return this form to:

Barbara Canfield
Northampton Community College
Hartzell Hall 153
3835 Green Pond Road
Bethlehem, PA 18020
FAX: 610-861-5060
Phone: 610-861-5559
email: bcanfield@northampton.edu



We would like to thank the Center for Optical Technologies and Edmund Optics, Inc. for providing the images used in this brochure.



Opto Camp 2004 It's All About Energy!

July 19-23

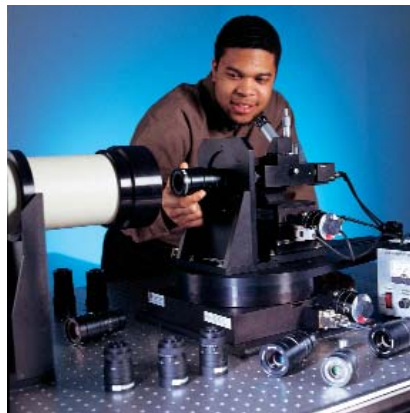
**Northampton Community College Campus
Bethlehem, PA**

Opto Camp 2004

The Center for Optical Technologies at Lehigh University, in partnership with Northampton Community College and Lehigh Carbon Community College, is sponsoring a camp experience focusing on Optical Technologies.

What You'll Learn

Demonstration and project-based exploration are the ways you'll find out about sound, color, imaging and optical communication. Bring home projects that will amaze your friends and family. This week long camp is packed with "cool" things to do. The week will end with a trip to Lehigh University to: see things like microscopes powerful enough to view a fly's eye or even atoms; find out what's happening at the ATLSS Center, a national engineering research center; eat lunch at the the Observation Tower, where on a clear day, you can catch a glimpse of NYC; and lots more.



When, Where, Who

This year's Opto Camp will be held July 19-23, 2004 from 9 AM - 3 PM at Northampton Community College's Main Campus in Bethlehem, PA.

The camp is designed for kids who are currently in 7th, 8th or 9th grade. The cost of the camp is \$100. **Scholarships are available!**

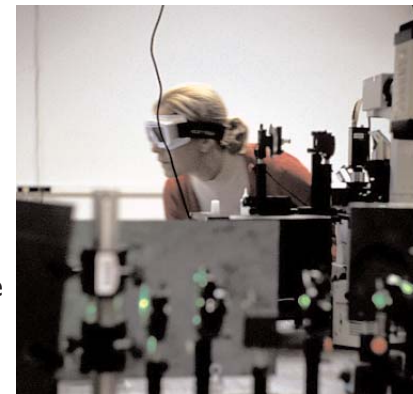
Topics

Our Opto Camp features five days of interactive learning and fun. Each day focuses on a different topic with lots of activities.

Topics include:

- ❖ Sound Waves- ultrasonic, oscilloscope
- ❖ Geometrical Optics- microscopes, telescopes, cameras
- ❖ Nature of Light/Color
- ❖ Optical Communication- fiber optics, wireless technology

The final day of camp features a field trip to Lehigh University, including a visit to the Center for Optical Technologies and lunch at the Observation Tower.



How to Apply

Interested? Ask your guidance counselor or science teacher for an application.

Applications are due June 4, 2004. **Space is limited, apply today!**

Sponsors

