

PHOTON2

Introduction to Photonics I

An Online Continuing Education Course for Educators

Offered Winter 2008

The New England Board of Higher Education, in collaboration with Three Rivers Community College (TRCC), Norwich, Connecticut, is pleased to offer "Introduction to Photonics I" online. The eight-week course will begin January 28, 2008 and complete March 23, 2008.

What topics will be covered? The nature of light, geometric optics and simple lenses are covered in a hands-on, collaborative course. You'll work with other educators to learn the best way to introduce these topics to your students.

What background do I need to succeed in this course? The course is taught at an algebra/trig level and some knowledge of physics (energy, power) is helpful but not required. The course includes online tutorials for most of the math and physics topics we cover, and is designed for high school and community college educators from both science and technology instructional areas.

What is the cost of the course? \$250 covers the online instruction, a CD with the text, solutions manual and laboratory experiments as PDF files, and three CDs of laboratory videos (mpg files). If you do not have access to the PHOTON or PHOTON2 lab kit (or equivalent) you will need to purchase the OSA Optics Discovery Kit (approximately \$20) from Edmund Optics.

Are CEUs available? Yes, Three Rivers Community College will award CEUs for successful completion of this non-credit course, plus submission of an implementation plan, CEU application and \$20 fee.

Is financial aid available? Yes, a limited number of \$150 scholarships, provided by a grant from SPIE, will be made available through the New England Board of Higher Education. Scholarship applications are due January 11, 2008. You will be notified no later than January 18, 2008 that you have received a scholarship. Awards will be made upon successful completion of the course.

Deadlines:

Registration form and payment: Course registration and full payment is due to Three Rivers Community College no later than January 25, 2008. Register early, as course slots will be limited. The registration form can be found at <http://www.lasertechnonline.org>. For course information, contact Judy Donnelly at <mailto:jdonnelly@lasertechnonline.org>.

Scholarship: Application is due to NEHBE no later than January 11, 2008. The form is available at <http://www.lasertechnonline.org>. Contact Fenna Hanes at fhanes@nebhe.org for scholarship information.

CEUs: The application for 2.5 CEUs is available at www.lasertechnonline.org. The CEU application should be submitted with the course registration.

