This Short Course was designed with our customers in mind. It will focus on data analysis methods for spectroscopic ellipsometry with a significant amount of “hands-on” computer time. For this reason, participants should be familiar with WVASE32™ software. Sessions are taught by applications engineers from the Woollam Company.

**Day 1. Intro to Ellipsometry**
- Basic theory
- Instrumentation & data acquisition
- Fundamentals of optical constants
- Overview of data analysis strategies
- Substrates

**Day 2. Ellipsometry Analysis**
- Transparent Layers
  - Cauchy dispersion
  - Global Fitting
  - Roughness
  - Simple Index Grading
- Transparent and Absorbing films
  - Point-by-Point Fitting

**Day 3. Intermediate Modeling**
- Dispersion Models - theory
- Generalized Oscillator Layer
- Analyzing absorbing films

**Day 4. Advanced Applications**
- Anisotropic Data Analysis
- Depolarization
- Complex grading

---

**LOCATION:** Cornell University  
Ithaca, New York

**DATES:** Jul. 30 - Aug. 2, 2007

**COST:** $1,000 (for 4 days)  
*Tuition discounts available for students

**HOW TO REGISTER:**
Please complete the registration form and fax back to J.A. Woollam Co. at (402) 477-8214 by June 29th, 2007.

For further details contact:
Veronica Inlow, Marketing Coordinator  
(402) 477-7501 ext. 101  
vinlow@jawoollam.com

**Deadline to Register:**  
June 29th

Course attendance is limited!
**SHORT COURSE REGISTRATION**

**Location:** Cornell University  
471 Rhodes Hall  
Ithaca, NY 14853  

**Dates:** July 30th-August 2nd, 2007

**Choose One:**  
- [ ] Standard Price ($1,000)  
- [ ] University Price ($750)

*Course price does not include travel, accomodations, or meals.*

Please fill out a separate form for each person attending and **fax to (402) 477-8214.**

<table>
<thead>
<tr>
<th>Name:</th>
<th>____________________________</th>
<th>Phone:</th>
<th>____________________________</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title:</td>
<td>____________________________</td>
<td>Fax:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Company:</td>
<td>____________________________</td>
<td>e-mail:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Address:</td>
<td>____________________________</td>
<td>Payment Method:</td>
<td></td>
</tr>
<tr>
<td>City:</td>
<td>____________________________</td>
<td>- Purchase Order #</td>
<td>____________________________</td>
</tr>
<tr>
<td>State:</td>
<td>__________</td>
<td>- Check or Money Order enclosed</td>
<td></td>
</tr>
<tr>
<td>Zip Code:</td>
<td>________</td>
<td>- VISA/Mastercard #</td>
<td>____________________________</td>
</tr>
</tbody>
</table>

When your registration has been received, a confirmation will be e-mailed or faxed to you. A block of rooms has been reserved at the Holiday Inn Ithaca-Downtown for Short Course Attendees at a discounted rate. For reservations call 1-607-272-1000 or go to www.holidayinn.com/ithacany. Please reference “J.A. Woollam Co” block or reservation code JAW. The deadline for reservations is **June 29th, 2007.** Please contact Veronica Inlow at (402) 477-7501 ext. 101 if you have any questions.