University of Illinois | School of Chemical Sciences

CORESUPDATE

Center of Research & Educational Support Newsletter

Spring 2026

Skills training opportunities with CORES professionals

CORES TRAINING

Scientific Glassblowing Workshop

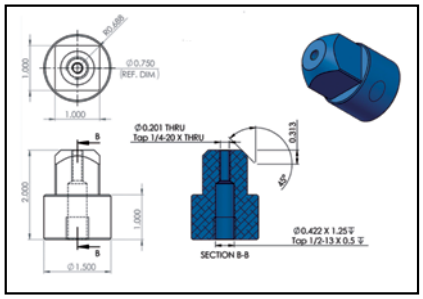
Learn how glassware is made and repaired! Students will get hands-on experience cutting, bending, and sealing glass tubing, and will be introduced to more advanced techniques like sealing cracks and welding tubes together. The workshop consists of four 1 hour 45 minute sessions.

After completing the course, students will be eligible to reserve supervised torch time in the glass shop (15.09/hr + materials cost).

Training is limited to 2 students per workshop
Cost: $104.11 /student
(Payable by CFOPA)

Contact Andy Gibbs *(agibbs@illinois.edu)* **to register for the workshop.**

SCS Student Machine Shop Training Course



The training course will consist of Machine Shop Safety and the use of the lathe & milling machines.

Training will be limited to 3 people per time slot and will require a minimum of five 2-hour sessions.

Cost: $162.25 /student (Payable by CFOPA)

Contact David Williams to register
dwllms@illinois.edu

Microanalysis announces the purchase of two new instruments

An **Agilent 5900 ICP-OES** and a **Micromeritics AutoChem III** will be available soon. The new ICP-OES instrument is scheduled to be installed in March 10th, The installation date for the AutoChem III is still to be determined.

The Agilent instrument will be replacing the Perkin Elmer Optima 8300 ICP-OES. The new instrument features simultaneous viewing of both axial and radial views as well as an online dilution system.

The Micromeritics AutoChem III provides complimentary techniques to our current Micromeritics 3Flex instrument. The new instrument can perform pulse chemisorption, temperature programed oxidation/ reduction, among other catalyst reactivity characterization techniques. It is also coupled with a mass spectrometer to analyze the gas effluent from the experiments.

Microanalysis is doing the best to ensure that the installation of these instruments disrupts the normal operations as little as possible. However, as the new ICP-OES is replacing current instrumentation, there may be some delays in ICP analysis. We appreciate your patience and understanding.

For additional information email the Microanalysis Lab: *scs-microlab@illinois.edu*