

SDSU MEMS CLEANROOM CERTIFICATION PROGRAM

Every new student with intention to work in SDSU MEMS cleanroom facility has to complete the SDSU MEMS Lithography certification program. This program is mandatory prior working in SDSU MEMS Cleanroom without direct supervision.

The program consists of several steps of training as described below:

1. One session of class training in Fundamental of MEMS processes.
2. One session of hand-on training in positive lithography.
3. One session of hand-on training in negative lithography.
4. One session of hand-on training in plasma etching.
5. One session of hand-on training of lithography combined with plasma etching or metal deposition.

The sequence of training will be completed with hand-on microscopy training to get the image of the microchips using Hirox light microscope available in the Cleanroom.

Upon the certification, the trainee has to pass the test below:

Hand-on microfabrication test involving lithography with possible combination of plasma etching or metal deposition and imaging.

