

ORIENTATION FOR NEW MRL RESEARCHERS

Fall 2017

Welcome to the Materials Research Laboratory!

To help you get started with research at the MRL Central Research Facilities, the MRL staff present an orientation for researchers new to this facility. You'll learn:

- how to find your way around the facility
- strategies for working safely at MRL
- how to use the training request and scheduling system
- answers to common questions about the facility

If you haven't already submitted an online proposal to use the MRL Central Research Facilities, please do so: <http://mrl.illinois.edu/facilities/becoming-user>.

Instrument training requires an MRL user ID, which will be issued when your proposal is approved. You do not need to wait for your proposal to be approved before completing the MRL Orientation.

MRL Orientation is required before any other training can be scheduled. Completing the MRL Orientation consists of:

1. DRS online safety training: <http://www.drs.illinois.edu/>
 - a. *Laboratory Safety*
 - b. *Chemical Safety: An Introduction*
2. Attendance at an in-person MRL Orientation session (schedule is on the back of this page)
3. Completion of the annual MRL Building Emergency Action Plan (BEAP): go.illinois.edu/mrlbeap

To be admitted to the in-person MRL Orientation session, you must bring:

- **Both of your DRS certificates** (paper or electronic)
- **Your University I-Card**

After completing MRL Orientation, you may request training for specific instruments/techniques, if your proposal has been approved for those techniques.

Did you know...

All publications that incorporate results obtained through the MRL Central Research Facilities must include the following acknowledgement:

“...was carried out in part in the Frederick Seitz Materials Research Laboratory Central Research Facilities, University of Illinois.”

Please also send a copy of your publication to: mrl-facilities@illinois.edu

MRL Orientation and Cleanroom Orientation schedule

Last updated August 2017

MRL Orientation sessions for new researchers will be held in 280 MRL from 3 to 4pm.

Expect to stay the entire hour.

MRL Cleanroom Orientation and Process Module lectures will be in room 202 MRL from 3-4:30pm, unless otherwise noted.

- Orientation sessions for MRL and MNTL are not equivalent, but Process Module lectures are.
- To complete Process Module lectures at MNTL, email Edmond Chow, echow@illinois.edu.
- To learn about the requirements to perform lithography, etching or deposition, email Xiaoli Wang, xlwang84@illinois.edu.

Cleanroom sessions may be attended in any order.

<u>August</u>		Tue Oct 17	- MRL Orientation
Tue Aug 22	- MRL Orientation	Thu Oct 19	- Lithography lecture
Mon Aug 28	- MRL Orientation	Tue Oct 24	- Deposition lecture
Tue Aug 29	- Cleanroom Orientation	Thu Oct 26	- Etching lecture
Thu Aug 31	- Lithography lecture	Fri Oct 27	- Cleanroom Orientation
		Mon Oct 30	- Lithography lecture
		Tue Oct 31	- MRL Orientation
<u>September</u>		<u>November</u>	
Tue Sept 5	- MRL Orientation	Wed Nov 1	- Deposition lecture
Tue Sept 5	- Deposition lecture	Fri Nov 3	- Etching lecture
Thu Sept 7	- Etching lecture	Mon Nov 6	- MRL Orientation
Mon Sept 11	- Cleanroom Orientation	Tue Nov 7	- Cleanroom Orientation
Wed Sept 13	- Lithography lecture	Thu Nov 9	- Lithography lecture
Fri Sept 15	- Deposition lecture	Thu Nov 16	- Deposition lecture
Mon Sept 18	- MRL Orientation	Fri Nov 17	- Etching lecture
Wed Sept 20	- Etching lecture	**	
Thu Sept 21	- Cleanroom Orientation	Tue Nov 28	- MRL Orientation
Tue Sept 26	- Lithography lecture	Wed Nov 29	- Cleanroom Orientation
Thu Sept 28	- Deposition lecture		
<u>October</u>		<u>December</u>	
Mon Oct 2	- MRL Orientation	Fri Dec 1	- Lithography lecture
Tue Oct 3	- Etching lecture	Mon Dec 4	- Deposition lecture
Wed Oct 4	- Cleanroom Orientation	Wed Dec 6	- Etching lecture
Fri Oct 6	- Lithography lecture	Mon Dec 11	- MRL Orientation
Mon Oct 9	- Deposition lecture	Tue Dec 12	- Cleanroom Orientation
Wed Oct 11	- Etching lecture	**	
Thu Oct 12	- Cleanroom Orientation		

** No sessions during Thanksgiving Break, Winter and Finals Week.

General Orientation Questions? mrl-orientation@illinois.edu

Cleanroom Orientation/Process Module questions? Xiaoli Wang, xlwang84@illinois.edu
<http://mrl.illinois.edu/microfab-cleanroom-access>