

| Machine | Location | Operating Instructions | Safety Information | Accessories |
|--|----------|---|---|--|
| 3/4 point bending apparatus | Dow 2224 | | | Appropriate Sample Apparatus, Safety Shield, Safety Glasses, Computer |
| Computer | Dow 2224 | - | | Jade, Adobe Photoshop, Adobe Photoshop Elements (digital darkroom), Excel, Kaleidagraph, C MOLD/MOLDFLOW |
| Diamond Scriber | Dow 2224 | | | Safety Glasses. |
| Electronic Scriber | Dow 2231 | | | Safety Glasses. |
| Hummer VI Sputter Coater | Dow 2224 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/Sputter_Coater/ | | |
| Lindberg Furnaces | Dow 2231 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/Lindberg_Furnace/ | | Thermal Gloves, Face shield, thermal apron and arm shields |
| MTS Insight 10 | Dow 2224 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/Instron_1137/ | Always wear safety glasses and place the shield in front of the Instron during tensile testing. | Appropriate Sample Apparatus, Safety Shield, Safety Glasses, Computer |
| Nikon/Olympus Optical Microscopes | Dow 2224 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/Optical_Microscope/ | Caution should be used when handling glass slides. Throw away broken glass slides in the Broken Glass Receptacle located in the front of room 2224. | Glass Slides, polarizing lens, clay |
| Philips Teaching SEM | Dow 2224 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/XL30_SEM/ | | Conductive paste, conductive tap, tweezers, sample pegs, Computer |
| Polarizing plates for Optical Microscope | Dow 2224 | | | |
| Ultra Sonic Cleaner | Dow 2231 | | | |
| Vicker's Hardness Tester (Buehler Micromet II) | Dow 2224 | http://msewww.engin.umich.edu/research/researchfacilities/procedures/Microhardness/ | | Safety Glasses, Appropriate weight and indenter |