

GY303 Igneous & Metamorphic Petrology

Rules for Microscope Usage

1. Do not use the microscopes unless a faculty member has instructed you on how to properly use these instruments. If you are given access to the laboratory key, do not let other persons into the microscope lab that have not been trained in the use of the microscopes.
2. When you are assigned a specific microscope, use only that microscope.
3. Do not force adjustment knobs, levers, etc. on the microscopes. These instruments are delicate precision instruments (replacement cost \geq \$6,000), therefore, you should never have to forcefully apply pressure to any adjustment mechanism.
4. When you are finished with the microscope, remove thin sections and/or counting stages from the main stage. Replace the thin sections in a proper storage box. Always cover the microscope with a dust cover.
5. Never leave the window in room #340 unlatched. The window can be closed but still be unlatched. The latches are secured when the latch handle is vertical.
6. Never leave the illumination bulbs on when you are finished with the microscope.
7. When selecting different objective lenses on a turret-type microscope, be sure to rotate the turret by the adjustment ring, not by the objective lens. Pulling/pushing on the objectives will un-center the lenses.
8. No food or drinks are allowed in room #340.
9. If you remove an objective lens from the microscope, it must be stored in a dust-proof container.