CHECKLIST OF REQUIREMENTS FOR USING THE TEM UNSUPERVISED

User: _____ Date: _____ Examiner: _____

Users must score 100% to use the JEOL 100S Unsupervised.

Users can be checked out any number of times until her/his score is 100%.

Scope must be used at least once a semester to maintain unsupervised status.

	YES	NO
1. Does user know all steps, in order for turning microscope ON?	☐	☐
2. Does user know all steps, in order for turning microscope OFF?	☐	☐
3. Does user know correct use of Haskeris water cooling system?	☐	☐
4. Can user locate, center and saturate filament correctly? (Not Under- or Over-saturated)	☐	☐
5. Can user recognize condenser aperture alignment, locate and center aperture?	☐	☐
6. Can user recognize objective aperture alignment, locate and center aperture?	☐	☐
7. Can user correctly insert and remove specimens?	☐	☐
8. Can user change film in the prescribed sequence (correct loading of film cassette)?	☐	☐
9. Does the user pump down film desiccator properly?	☐	☐
10. Does user know the emergency procedures?	☐	☐

11. 10 hours of beam time is required.

Date	Beam Time
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____