

UNC-CH Talos Arctica Cryo-TEM Certification

This form must be completed by a core staff member while watching the student operate the microscope. The student must be able to successfully demonstrate all items on this list to complete the certification.

Name of Student taking the certification: _____

Certification Task	Yes/No
1. Perform an inventory check of the autoloader, then load and unload one grid.	
2. Use the fluorescent screen and TIA to quickly look at the grid at low magnification.	
3. Find eccentric height manually using the stage wobbler.	
4. Take Search, View, and Record images with SerialEM. Save the images as snapshots and in MRC format.	
5. Take a low magnification montage of grid using SerialEM.	
6. Use the navigator to move the stage to 3 areas of the grid and take images.	
7. Set up data collection using the BIS method on 3 grid squares.	
8. Fill out the cryo-TEM notebook and logbook.	

Staff Certification

Name: _____ **Signature:** _____ **Date:** _____

By signing this document, I certify that the information provided herein is true and correct to the best of my knowledge. Action Required: Scan a copy of the completed form and upload it to the designated OneDrive folder.