

Current MNFC pricing for Internal Princeton University Users

Princeton On-Campus Rates

Daily Option	Base Rate Multiplier	Actual Price
Subsidized rate → \$160 per day		
Daily Full Access (incl. cleanroom, packaging, soft mat.)	1	\$ 160/day
Estimated Non-subsidized Daily Access Rate (FCR)	5	\$ 800/day
Packaging Lab or Soft Materials Lab limited access fee ¹	½	\$ 80/day
Monthly soft cap (initiates soft daily fee ²)	10 days	
Daily fee once cap threshold is reached (all labs)	1/3	\$ 53/day
Undergraduate daily fee (for funded research ³)	1/3	\$ 53/day
Staff Support (extended training, service requests)		\$ 83/hr
Unlimited Option (Internal-use only; Cleanroom, packaging, soft materials labs; July 1, 2023 through June 30, 2024)	100 days	\$ 14,000/year

Acknowledgement

Applicant agrees to provide citations of published works that used the Micro and Nano Fabrication Center (MNFC) and agrees to acknowledge the facility in those works as: *“This research made use of the Micro and Nano Fabrication Center at Princeton University”*, or similar language. Acknowledgment of support from specific staff or collaborators is also appreciated. These materials are published in an annual Cleanroom Research Report.

Access to the PRISM Cleanroom

- A valid chartstring is required for each project a student will be working on, and the student is required to badge in and out upon every entry.
- Faculty advisors, safety buddies, senior researchers training lab mates and researchers entering the lab to recover samples will not be charged for entry. Stockroom use is also by the honor system.
- Violations of the honor system will result in the research group being charged at the non-subsidized (5X) rate and the individual will lose access privileges.
- The PRISM cleanroom is classified as an H5 “High Hazard” facility requiring special tool training and safety protocol in addition to cleanroom protocol.
- Staffed hours are posted on the website: <https://prism-cleanroom.princeton.edu/>.
- Access beyond staffed hours by application. Privilege to use the lab after hours based on experience level, additional scenario-based training and an interview with a committee of peer student researchers and staff in order to convey safety buddy obligations.

Training, materials...

- New enrollees are provided with a forum to meet the staff, discuss project goals and objectives and to learn best means of training as appropriate to their research.
- A published schedule indicates regular orientation sessions.
- Tool specific training will be scheduled for mutual convenience. (\$83/hr for staff time)
- Under no circumstance will the lab user bring into the lab any material for any use (substrate, target, chemical, etc.) without first acquiring explicit authorization from Cleanroom staff.
- Stockroom supplies, e-beam crucibles and gold shot are charged at market rate + F&A.

¹ Billing for “Full Access” or “Limited Access” depends on enrollment and not on use patterns.

² For example, if a researcher uses 10 days of full access in a given month on a given project, subsequent days of use during that month would be charged at \$53/day.

³ Students wishing to pursue their own original (unfunded) ideas have access options. Contact zlewicka@princeton.edu