

Holonyak Lab Rates and Charges

Effective 3/29/2022

	University <i>Internal</i>	University <i>External</i>	Industry
Cleanroom Facilities Access Fee	\$17/hour	\$30/hour	\$75/hour
BioNanotechnology Facilities Access Fee	\$18/day	\$30/day	\$30/day
Safety & Training Fee	\$200 one-time fee per keycard \$100 for short-term access (up to 90 days)		
MNTL Building Access Fee	\$35 per month per keycard issued		

MNTL Cleanroom Equipment with Supplemental Charges

Note: although many commonly used chemicals and supplies are available in the cleanrooms, users will be required to supply certain materials such as precious metals used for depositions, resists and developers, and special chemicals used in non-standard processes.

JEOL Electron-Beam Lithography System

User-operated E-beam Write-time Charge	\$90/hour	\$90/hour	\$130/hour
Staff-operated E-Beam Write-time Charge	\$90/hour	\$90/hour	\$180/hour
Dose Characterization Charge	\$90 one-time	\$90 one-time	\$180 one-time

STS Inductively Coupled Plasma Reactive Ion Etching System (Silicon Bosch Process)

User-Operated	\$50/hour	\$50/hour	\$150/hour
Staff-Operated	\$100/hour	\$100/hour	\$300/hour

Hitachi S4800 Field Emission Scanning Electron Microscope

User-Operated	\$20/hour	\$20/hour	\$50/hour
Staff-Operated	\$40/hour	\$40/hour	\$100/hour

AIXTRON MOCVD

User-Operated	\$32/hour	\$50/hour	\$400/day
Staff-Operated	\$64/hour	\$100/hour	\$800/day