

NUFAB Rates for Academic Users (2026-27)

All universities receive Northwestern Rates

For companies: Multiply by 2

CATEGORY	FY27	DESCRIPTION
NUFAB_Tech CLEANROOM (CR) FEES	Rate	
Hourly Rate (NUFAB Secure Door)	\$24.60	Per Hour
EQUIPMENT FEES		
3D Printer – BMF MicroArch D1025	\$24.43	Per Hour
Acid Hoods and Supplied Chemicals	\$12.30	Per Hour
AFM - Bruker Edge	\$26.47	Per Hour
ALD-Arradiance GEMStar-6XT-P	\$39.69	Per Hour
Annealing Furnace - Blue M	\$38.73	Per Hour
Automatic Develop System – Osiris UNIX S 20 D	\$20.36	Per Hour
Automatic 'Dry In/Dry Out' Acid Etch System– Osiris CHEMIXX MAS	\$26.47	Per Hour
Convection Ovens - Blue-M	\$7.13	Per Hour
Contact Angle Measurement (VCA Optima XE)	\$12.22	Per Hour
Critical Point Dryer - Tousimis	\$32.57	Per Hour
Developer Hood and Supplied Chemicals	-	Included in CR fee
Doping-Boron (p-type) - Tystar-2 furnace	\$38.73	Per Hour
Doping-Phosphorus (n-type) - Tystar-3 furnace	\$38.73	Per Hour
DRIE (STS Pegasus)	\$71.23	Per Hour
DRIE (SAMCO)	\$71.23	Per Hour
E-beam Evaporator (AJA)	\$52.00	Per Hour
eBL (Raith)	\$88.52	Per Hour
Electrical Test Station	\$32.57	Per Hour
Electronic Printer – Dimatix 2850	\$24.43	Per Hour
Ellipsometer-JA Woolam Alpha SE	\$26.47	Per Hour
Etcher - XeF2 - Xactic	\$65.12	Per Hour
LPCVD Nitride - Tystar-6 furnace	\$63.09	Per Hour
Mask Aligner (Suss MABA6)	\$39.69	Per Hour
Mask Aligner (Suss MJB4)	\$39.69	Per Hour
Maskless Aligner (Heidelberg MLA150)	\$77.33	Per Hour
Maskless Aligner (Heidelberg uPG501)	\$51.90	Per Hour
Optical Microscopes	-	Included in CR fee
Optical Profilometer (Zygo NexView)	\$39.69	Per Hour
Optical Tensiometer (ThetaFlow)	\$0.00	Per Hour
Parylene Coater	\$26.47	Per Hour
PECVD (Samco)	\$50.88	Per Hour
PECVD (STS)	\$50.88	Per Hour
Plasma Cleaner - SAMCO	\$20.36	Per Hour
Plasma Cleaner - Tergeo Pro	\$20.36	Per Hour
Profilometer (Dektak 8)	\$39.69	Per Hour
Profilometer - Bruker DektakPro	\$39.69	Per Hour
ProtoLaser R4 (LPKF)	\$58.00	Per Hour
Reflectometer (Filmetrics F20)	\$12.22	Per Hour
RIE (Samco 10NR)	\$32.57	Per Hour
RTA/RTP (Allwin21)	\$38.73	Per Hour
SEM-FIB-EDS - Jeol JIB-4700F	\$50.90	Per Hour
Spinner/Bake Hoods	\$12.22	Per Hour
Sputter I - AJA	\$41.73	Per Hour
Sputter II - AJA	\$41.73	Per Hour
Sputter II (AJA) - Gold	\$86.00	Per Hour
Thermal Evaporator (Denton)	\$52.00	Per Hour

Thin Film Stress Measurement System - FLX 2320-S	\$39.69	Per Hour
UV Flood Exposure - Inpro F300s	\$12.22	Per Hour
Vacuum Oven - Yes	\$7.13	Per Hour
Wet/dry Oxidation - Tystar-1 furnace	\$38.73	Per Hour
Wire Bonder-Ball (iBond5000)	\$30.54	Per Hour
Wire Bonder-Wedge (WestBond)	\$30.54	Per Hour
NUFAB_Cook		
Hourly Rate (NUFAB_Cook Secure Door)	\$24.60	Per Hour
EQUIPMENT FEES		
ALD - Savannah S100	\$39.69	Per Hour
Baking Plates	-	Included in CR fee
Deep Oxide Etcher - ULVAC NLD-570EXa	\$71.23	Per Hour
E-Beam Evaporator - Auto 306	\$52.00	Per Hour
E-Beam Evaporator - Auto 500	\$52.00	Per Hour
F20 Thin Film Analyzer	\$12.22	Per Hour
Hall Effect / Resistivity / I-V Measurements System - HMS 8404	\$45.80	Per Hour
Ion Mill - Nano Master	\$41.73	Per Hour
Lithography hood	\$12.22	Per Hour
Mask Aligner - MA/BA6	\$39.69	Per Hour
Mask Aligner - Q-4000	\$39.69	Per Hour
Metricon Prism Coupler	\$22.39	Per Hour
Optical Microscope	-	Included in CR fee
Quantum Deposition System - Plassys	\$81.40	Per Hour
RIE 10NR - Samco	\$32.57	Per Hour
RTP - AS-Micro	\$38.73	Per Hour
Sputter III (AJA) - Niobium	\$44.87	Per Hour
Wafer Dicing System - ADT 7122	\$84.45	Per Hour
Wire Bonder-Automatic (TPT)	\$30.54	Per Hour
Wire Bonder-Wedge	\$30.54	Per Hour
TRAINING FEES		
Equipment Training	\$152.61	Per Trainee, Per Equipment
Hands-on Clean Room Training (Access Request)	\$152.61	Per Trainee
Process Support (Tech Assist)	\$152.61	Per Hour