

NUFAB Rates for NU Users (2017-18)

For external academic users and companies with
less than 50 employees: Multiply by 1.5
For larger companies: Multiply by 2

CATEGORY	RATE	DESCRIPTION
CLEANROOM (CR) CHARGES		
Hourly Rate	\$ 15	Per Hour
Gowning Charges	\$ 30	Monthly
EQUIPMENT CHARGES		
Flood Exposure	\$ -	Included in CR charge
Mask Aligner (Suss MABA6)	\$ 30	Per Hour
Mask Aligner (Suss MJB4)	\$ 20	Per Hour
Maskless Aligner (Heidelberg uPG501)	\$ 40	Per Hour
Blue-M Ovens	\$ -	Included in CR charge
Developer Hood and Supplied Chemicals	\$ -	Included in CR charge
Acid/Solvent Hoods and Supplied Chemicals	\$ -	Included in CR charge
Spinner/Bake Hoods	\$ -	Included in CR charge
DRIE (STS Pegasus)	\$ 50	Per Hour
RIE (Samco 10NR)	\$ 22	Per Hour
PECVD (STS)	\$ 35	Per Hour
Sputter (AJA)	\$ 30	Per Hour
Parylene Coater	\$ 20	Per Hour
Thermal Evaporator (Denton)	\$ 30	Per Hour
E-beam Evaporator (AJA)	\$ 40	Per Hour
XeF2 Etcher	\$ 30	Per Hour
RTA/RTP (Allwin21)	\$ 30	Per Hour
Doping p-type (Tystar furnace)	\$ 20	Per Hour
Wet/dry Oxidation (Tystar furnace)	\$ 30	Per Hour
LPCVD Nitride (Tystar furnace)	\$ 50	Per Hour
Critical Point Dryer - Tousimis	\$ 25	Per Hour
Profilometer (Dektak 8)	\$ 20	Per Hour
Electrical Test Station	\$ 20	Per Hour
Reflectometer (Filmetrics F20)	\$ -	Included in CR charge
Optical Microscopes	\$ -	Included in CR charge
Optical Profilometer (Zygo NexView)	\$ 30	Per Hour
Contact Angle Measurement (VCA Optima XE)	\$ -	Included in CR charge
Ball Wire Bonder (iBond5000)	\$ 20	Per Hour
TRAINING CHARGES		
Equipment Training	\$ 100	Per Trainee Per Equipment
Hands-on Clean Room Training	\$ 100	Per Trainee
Process Support	\$ 65	Per Hour