

Fees for CEDT Facilities
June 2025
(Applies to Canadian grant funded research)
Rates are subject to review every 6 months

Nanofabrication Lab - Cleanrooms

PL Side-JHE-A306

For photolithography.

Facility	Fee	Units	Notes
Critical Point Dryer – Tousimis	\$15.00	Per use	
DI Water System – Millipore (4) Columns	\$1.00	Per liter	
Holography	\$30.00	Per hour	
KLA-P7 Surface Profilometer	\$25.00	Per hour	
Local Exhaust Hood	\$30.00	Per hour	
Microscope – Leica Optical	\$20.00	Per hour	
Oven (1-3 hours of anneal time)	\$15.00	Per hour	
Oven (over 3 hours of anneal time)	\$30.00	Per hour	
Plasma Asher	\$5.00	Per run	
Spinner	\$30.00	Per hour	
Stress Analysis	\$10.00	Per hour	
UV Ozone	\$15.00	Per run	

RIE Side- JHE-A306

For deposition and dry etch.

Facility	Fee	Units	Notes
AlphaStep 200 Profilometer	\$20.00	Per hour	
e-beam Evaporator – UHV Instruments*	\$100.00	Per run	+ Gold and Platinum surcharge *Current deposition materials: Au, Cr, Ge, Ni, Ti, Pt
Local Exhaust Hood	\$30.00	Per hour	
Reactive Ion Etching – Technics	\$25.00	Per hour	
Silicon Oxynitride Chemical Vapour Deposition – Technics	\$60.00	Per run	

Deep RIE side – A307

For dry etching, nanolithography and sputtering.

Facility	Fee	Units	Notes
Deep Reactive Ion Etching – Oxford	\$40.00	Per hour	+ \$75.00 setup fee
Fume Hood	\$30.00	Per hour	
Heidelberg µPG 101 101 – Direct Writer	\$45.00	Per hour	
Lesker Sputtering	\$35.00	Per hour	+ \$50.00 setup fee Current Sputtering Targets: Si, Ge, Te
Scanning Electron Microscope (SEM) – JEOL	\$25.00	Per hour	
Spinner – Laurell	\$30.00	Per hour	

Standard chemicals are included in the prices above, including standard photoresists, developers, solvents, bases and acids. Nonstandard materials must be provided by the user or ordered by our staff and are subject to compliance with our safety procedures and explicit authorization by our staff.

Organic Devices Lab – JHE-A305

Facility	Fee	Units	Notes
Local Exhaust Hood 1	\$30.00	Per hour	
Local Exhaust Hood 2	\$30.00	Per hour	
Microplotter Sonotek	\$35.00	Per hour	
Roll to Roll Die Coater	\$35.00	Per hour	
Slot Die Coater	\$35.00	Per hour	
Spray Coater	\$35.00	Per hour	+ \$35.00 setup fee

Characterization Lab – JHE-317

Facility	Fee	Units	Notes
Four Point Probe System	\$25.00	Per hour	
FTIR – VERTEX – 80V	\$35.00	Per hour	
Integrating Sphere	\$20.00	Per hour	
Photoluminescence – (RTPL) Lights Off&On	\$25.00	Per hour	
Sputtering – Torr (DC/RF)*	\$35.00	Per hour	+ \$35.00 setup fee + Gold surcharge Current Sputtering Targets: Al, Au, SiO ₂ , Ti, Cr, Ag, ITO
Wire Bonder (Kulicke and Soffa)	\$40.00	Per hour	

Compound Semiconductor Fabrication – TAB

TAB-110

Facility	Fee	Units	Notes
Molecular Beam Epitaxy (MBE)	\$80.00	Per hour	+ \$55.00 setup fee
Atomic Layer Deposition	\$35.00	Per hour	+ \$35.00 setup fee
Femtika (femtosecond laser)	\$35.00	Per hour	+ \$55.00 setup fee
Roll to Roll Sputtering	\$35.00	Per hour	+ \$55.00 setup fee
Parylene Deposition System (w/ Nitrogen)	\$300.00	Reservation	
Hall System	\$20.00	Per hour	

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Facility	Fee	Units	Notes
Metal-Organic Chemical Vapour Deposition (MOCVD)	\$80.00	Per hour	+ \$55.00 setup fee
Box Furnace – Lindberg	\$25.00	Per hour	
Dicing Saw (DISCO)	\$35.00	Per hour	
Rapid Thermal Anneal - III-V	\$25.00	Per hour	
Rapid Thermal Anneal – Silicon	\$25.00	Per hour	
Tube Furnace – Lindberg	\$25.00	Per hour	
Fume Hood	\$30.00	Per hour	

Additional Fees

For supplies, gold and platinum targets, labour costs, and similar.

Item/Service	Fee	Units	Notes
Cleanroom Notebooks	\$30.00	Per notebook	
Gold	\$0.06	Per Angstrom	
Staff Contract Time	\$70.00	Per hour	
Liquid Nitrogen	\$0.50	Per liter	
Platinum	\$0.04	Per Angstrom	
Specific Acids	Variable		
Training	\$40.00	Per hour	Only one person at a time

Notes:

- 1- For industrial users, rates will be doubled.
- 2- Please contact CEDT staff for fees for accessing individual pieces of characterization equipment not listed here.