

Characterization Facility

NON-CREDIT CLASS FEE for academic users

<i>CLASSES OFFERED FY19</i>				
(July 1, 2018- June 30, 2019)				
			Average Size	University
Basic SEM *	2-3 hour sessions	All SEMs	2.5	\$411.00
FIB	2-3 hour sessions		2.5	\$458.00
Basic VEM	1-2 hour sessions	VEM	1.0	\$174.00
Basic TEM * (soft)	2-2 hr +1-3 hr indiv session	Jeol 1200	2.0	\$592.00
Basic TEM * (hard)	2-2 hr +1-3 hr indiv session	FEI T12	2.0	\$604.00
FEGTEM **	2-2 hour sessions	FEI G30	3.0	\$196.00
Titan	22 hour sessions	FEI G2 F30	3.0	\$227.00
Microtome	2-2 hour sessions	Microtome	2.0	\$124.00
FTIR - Basic	1-2 hour session	FTIR	1.0	\$181.00
FTIR - Microscope	1-3 hour session	FTIR	1.0	\$271.00
Raman	1-2 hour session	Raman	2.0	\$258.00
XPS VersaProbe	1-2 hour session	XPS	1.0	\$283.00
Ellipsometer	1-2 hour session	Ellips	1.0	\$179.00
SPM or AFM	3-2 hour sessions	SPM	2.9	\$371.00
MTS NanoXP	1-2 hour session	NanoXP	1.0	\$164.00
Hysitron Triboindenter	1-2 hour session	TriboInd	1.0	\$164.00
Hysitron Triboscope	1-2 hour session	SPM1	1.0	\$179.00
MMT	1-2 hour session	MMT	1.0	\$164.00
Profilometer	1-2 hour session	Profil	1.0	\$174.00
Wide Angle X-ray	1-2 hour session	D5005	1.0	\$193.00
Microdiffraction	1-2 hour session	Microdiff	1.0	\$193.00
Xpert	1-2 hour session	Xpert	1.0	\$176.00
SAXS	1-2 hour session	SAXS	1.0	\$152.00

Jade (advanced)	1-2 hour session	Computer	1.0	\$130.00
IBA - (RBS and FRES)	1-2 hr + 1-3 hr session	IBA	1.0	\$504.00
Advanced IBA-(Channeling, PIXE, NRA)	1-3 hour session	IBA	1.0	\$374.00
* after training, a 2 hour assisted session at regular rates is required before independent use				
** FEI T12 Training a prerequisite				
Advanced classes are offered on various specialty instrumentation and techniques at standard				
assist rates. Contact specialist for details.				
Rates based on Instrument cost + Instructor cost: pro-rated per minimum class size.				

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