

Characterization Facility

NON-CREDIT CLASS FEE for academic users

<i>CLASSES OFFERED FY15</i>				
(July 1, 2015- June 30, 2016)				
			Average Size	University
Basic SEM *	2-3 hour sessions	All SEMs	2.0	\$386.00
Basic VEM	1-2 hour sessions	VEM	1.0	\$163.00
Image Processing NIH Image, Photoshop, Metamorph, Scanning, Printing	1-2 hour session	Computer	1.0	\$121.00
Basic TEM * (soft)	2-2 hr +1-3 hr indiv session	Jeol 1200	2.0	\$556.00
Basic TEM * (hard)	2-2 hr +1-3 hr indiv session	FEI T12	2.0	\$567.00
FEGTEM **	2-2 hour sessions	FEI G30	3.0	\$184.00
Titan	22 hour sessions	FEI G2 F30	3.0	\$213.00
Microtome	2-2 hour sessions	Microtome	2.0	\$116.00
FTIR - Basic	1-2 hour session	FTIR	1.0	\$170.00
FTIR - Microscope	1-3 hour session	FTIR	1.0	\$255.00
Raman	1-2 hour session	Raman	2.0	\$82.00
Ellipsometer	1-2 hour session	Ellips	1.0	\$167.00
SPM or AFM	3-2 hour sessions	SPM	2.9	\$334.00
MTS NanoXP	1-2 hour session	NanoXP	1.0	\$153.00
Hysitron Triboindenter	1-2 hour session	TriboInd	1.0	\$153.00
Hysitron Triboscope	1-2 hour session	SPM1	1.0	\$168.00
MMT	1-2 hour session	MMT	1.0	\$153.00
Profilometer	1-2 hour session	Profil	1.0	\$163.00
Wide Angle X-ray	1-2 hour session	D5005	1.0	\$181.00
Microdiffraction	1-2 hour session	Microdiff	1.0	\$181.00
Siemens D500	1-2 hour session	D500	1.0	\$181.00
Xpert	1-2 hour session	Xpert	1.0	\$165.00

Scintag	1-2 hour session	Scintag	1.0	\$181.00
SAXS	1-2 hour session	2D SAXS	1.0	\$191.00
Jade (advanced)	1-2 hour session	Computer	1.0	\$121.00
IBA - (RBS and FRES)	1-2 hr + 1-3 hr session	IBA	1.0	\$473.00
Advanced IBA-(Channeling, PIXE, NRA)	1-3 hour session	IBA	1.0	\$352.00
* 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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