

UCF AMPAC - Materials Characterization Facility – CORPORATE Fee Schedule

MCF engineer time is charged at \$50 per hour.

Rush orders are available at a 50% surcharge.

<u>Equipment</u>	<u>Hourly Rate</u>
Optical Microscopes	
Metallurgical Microscope	\$30
Confocal Laser Scanning Microscope	\$50
Lift-Out Station	\$50
MicroRaman Spectroscopy	\$50
Scanning Electron Microscopy (SEM)	
Jeol JSM-6480	\$100
Zeiss Ultra-55	\$120
Transmission Electron Microscopy (TEM)	
Jeol TEM-1011	\$225
Tecnai F30	\$375
Focused Ion Beam (FIB)	
FEI 200 TEM	\$200
Zeiss FIB Crossbeam	\$275
X-Ray Diffraction (XRD)	
XRD1 - Basic Diffraction	\$100
XRD2 - Environmental Diffraction	\$150
XRD3 - Thin Film Diffraction	\$150
X-ray Fluorescence Spectrometer (XRF)	\$100
Secondary Ion Mass Spectrometry (SIMS)	
Cameca IMS-3F	\$250
PHI Adept	\$250
Miscellaneous	
ESCA/XPS PHI 5400	\$225
Profilometer	\$50
Rutherford Backscatter (RBS)	\$250
AES/SAM PHI 600 (Auger)	\$225
Sample Prep	
Allied Polisher (user supplies consumables) (TEM prep)	\$50
Critical Point Dryer	\$50
Diamond Band Saw	\$25
Diamond Saw (Slow Speed) (user supplies blade)	\$40
Dimple Grinder (TEM Prep)	\$40
Struers Electrochemical Jet Polisher (TEM Prep)	\$50
Gatan PECS (Coating System)	\$40
Low Angle Ion Mill (TEM Prep)	\$100
Leica Cryo-Ultramicrotome (Glass Blade)/(MCF's Diamond Blade)	\$100/200
Leica Trimmer	\$50
Metallurgical Polisher	\$40
Vibratory Polisher	\$40
Plasma Cleaner (TEM Prep)	\$40
Sputter Coater (EMITECH)	\$40
Vacuum Evaporator (JEOL) Carbon Coater	\$40