

Research Lab Room #	Lab Name	Responsible Faculty Name	Research Equipment/Systems	Required Trainings
1661	Thermal Processing Room	Claudio Acuy	- Gas Sorption Analyzer - Simultaneous DSC and TGA - Dynamic Light Scattering - Fourier Transform IR - Laboratory Oven	Core Laboratory Training*
				Safe Use of Fume Hoods
				Laser Safety
1662	X-Ray Room	Alex Franco	- XRD Smartlab II - XRD D5000	Core Laboratory Training*
				X-Ray Devices Safety
1650	Sample Prep Room	Alex Franco	- High/Medium Speed Saw - Polishing Wheel - Dicing Saw - Ultrasonic Cleaner - Electropolishing - Hot/Cold Mounting - Jar Ball Rolling Mill - Laminator	Core Laboratory Training*
				Safe Use of Fume Hoods
				Small Spills and Leaks
				Chemical Handling Safety – Basic Principles
				Personal Protective Equipment (PPE): Laboratory
				EPA: Hazardous Waste Awareness
1656 / 1657 / 1658	Microscopy Rooms	Alex Franco	- Optical Microscope - Carbon/Gold Coater - Micro-Hardness Tester - JSM-F100 SEM/EDS - FIB/SEM/EDS - TEM	Core Laboratory Training*

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1655	Clean Room	Abe Akhiyat / Tomas Baca	• E-Beam Evaporator • Atomic Layer Deposition • Rapid Thermal Processing • Muffle Furnace • Magnetron Sputtering • Plasma Asher • Reactive Ion Etching • Optical Microscope • Probe Station • Reflectometer • Hot Plate Oven • Vacuum Oven • JSM-7000F SEM • Spin Rinse Dryer • Film Coating Station • Mask Aligner • Stylus Profilometer • Mask Writer • Maskless Lithography	Core Laboratory Training*
				Safe Use of Fume Hoods
				Small Spills and Leaks
				Chemical Handling Safety – Basic Principles
				EPA: Hazardous Waste Awareness
				Personal Protective Equipment (PPE): Laboratory

***CORE LABORATORY TRAININGS INCLUDE:**

- Fire Safety
- Hazard Communication (HAZCOM)
- Laboratory Hazard Awareness
- Compressed Gas Cylinder Safety