



# Materials Characterization Facility

Vice President for Research

College of Science

College of Engineering

a user facility for the fabrication and characterization of microchemical systems

## Training Request Form

<b>Project Title:</b>	
<b>Funding Agency:</b>	<b>Account #:</b> _ _ - _ _ - _ _ - _ _

<b>Primary User:</b>	Department:
Phone:	Email:
NetID:	UIN:
Signature:	Date:

<b>Principal Investigator (PI):</b>	Department:
Phone:	Email:
NetID:	
Signature:	Date:

Technique(s) for which you wish to be trained:

### Electron Microscopy

- FE-SEM
- FIB FERA
- Electron Microprobe

### Surface Analysis

- XPS
- Icon AFM
- Nanoindenter
- SIMS Ion Microprobe

### Light Spectroscopy & Microscopy

- Confocal Microscope
- Raman Microscope
- Spectrofluorometer
- UV-Vis-NIR Spectrometer
- FTIR Spectrometer
- Ellipsometer

### Thermal & Electrical Analysis

- Hot Disk Thermal Analyzer
- DSC
- TMA
- Dielectric Spectrometer

### In-Situ Mechanical Testing

- PI 95 PicoIndenter for TEM
- PI 85 PicoIndenter for SEM
- Tensile Stage 500 N
- Tensile Stage 10 kN

Describe the nature of your materials and the type of information you would like to obtain for each technique requested.

Are there anything deemed export-controlled associated with this project?  Yes  NO

If yes, you are required to provide a copy of your Technology Control Plan (TCP) certification for this project **prior** to beginning work at the MCF. See: <https://vpr.tamu.edu/resources/export-controls>

**TAMU TCP #** \_\_\_\_\_ **Date:** \_\_\_\_\_ **PI Signature:** \_\_\_\_\_

**MCF STAFF REVIEWING THIS FORM:**

Printed Name: \_\_\_\_\_ **Date:** \_\_\_\_\_ **Signature:** \_\_\_\_\_