

# Fall 2021 SEM Training Course



## Pre-requisites

- Advisor approval and Oracle number
- Complete online "Radiation Safety Training for EM and XPS users" through Bioraft (<https://cmu.bioraft.com/rafttraining/course/96>)
- Watch provided lecture and lab videos

## Location

- Materials Characterization Facility Classroom, Roberts Hall Rm 124

## Dates

- September 27 – October 6 times and dates will be scheduled based on student availability
- Three 2-hour labs
- Proficiency tests will be scheduled by individual appointment beginning October 7

\*If you are unavailable during these dates but need SEM training prior to the next course tentatively planned for January, please contact Betsy to see if an accommodation can be made.

***Registration is now open!***

*\$300 must provide Oracle number*

## Why join us

These training sessions are required for all graduate students who plan on using the SEMs in the Materials Characterization Facility in their research. This training will cover the scanning electron microscope, secondary electron imaging, back-scattered electron imaging and energy dispersive x-ray spectroscopy. **Please note that this is a training course intended for students doing research and not a class for credit.**

## Instructors

- Dr. Betsy Clark, Logan Solotky, Dan Flaherty

**Contact Betsy Clark ([eac1@andrew.cmu.edu](mailto:eac1@andrew.cmu.edu)) by Wednesday, Sept 22nd to register. Please cc your advisor on the email.**

**MCF** Materials  
Characterization  
Facility