MSE Introduction to TEM

Fall 2017

Instructor: Gerd Duscher

# students: 40

This course is the one previously taught by Dr. David Joy but potentially not cross listed in the future.

This course would be in sync with the Lab Course of Intro to TEM Course by Dunlap.

Introduction to TEM:

Content:

* Components of TEM
* Geometric Optic
* Electron - Matter Interaction
* Electron Diffraction
* Conventional Imaging
* High Resolution Imaging
* STEM imaging
* Electron Energy Loss Spectroscopy