

EGR 7100: Materials Characterization

Principles of analytical methods for characterization of materials for structure & composition; crystallography, optical microscopy, scanning electron microscopy, transmission electron microscopy, x-ray diffraction, & atomic force microscopy. Hands-on laboratory experiments in scanning electron microscopy, x-ray diffraction, Atomic Force Microscopy. Restricted to Engineering/Science graduate students & seniors with 3.0 GPA or higher.

Credits: 3.0