

UNIVERSITY of LOUISVILLE**Course Catalog Entry**

Course ID: ME 555

Effective
Date: 03/01/2010

Title: Introduction to Micro and Nanotechnology

Career: Graduate

Credit
Hours: 3.00

Description: Prerequisite: CHE 253 or equivalent and senior or graduate standing in an engineering program. Design, fabrication and application of micro- and nano-electro-mechanical systems (MEMS/NEMS). Scaling laws governing micro- and nanoscale physics. Use of MEMS/NEMS devices in electronics, as sensors, and for medical applications.



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