

Course Number

ESC-324-01

Course Description

In-depth coverage of micro and nanoscale microscopy, including scanning electron microscopy and atomic force microscopy and their related modes and diagnostics methods. The course will feature special topics in nanoscience/nanotechnology, such as nanochemistry and structure/property relationships in select nanomaterial systems and/or biological nanomachines, self-assembly of bionanomaterials, and use of nanomaterials for biological sensors.

Academic Term

20/WI

Instructor

Hagerman, Michael

Yang, Zheng

Location & Meeting Time

Integrated Science & Engineering Complex-187+ T/TH 10:55AM-12:40PM LEC

Olin Building-005 LEC

Petition

Y

Credits

1.00

Capacity

12

Total Students

6

Additional Information

<http://www.engineering.union.edu>

Academic Department

Electrical & Computer Engineer

Field Of Study

Engineering Science (ESC)