

Course Number

MER-311-02

Course Description

Advanced topics in stress analysis, deflection and stiffness, energy methods, failure analysis, fracture mechanics, statistical considerations, impact, fatigue, introduction to finite element methods.

Academic Term

20/WI

Instructor

Rapoff, Andrew

Location & Meeting Time

Integrated Science & Engineering Complex-218 M/W/F 01:50PM-02:55PM LEC

Petition

N

Credits

1.00

Capacity

24

Total Students

10

Course Link

[http://cs.union.edu/me\\_dept/me\\_dept.html](http://cs.union.edu/me_dept/me_dept.html)

Academic Department

Mechanical Engineering

Field Of Study

Mechanical Engineering (MER)