Course Number
MER-331-01
Course Description
Analysis of fluid systems according to the control volume formulations of Newton's second law and the conservation laws of mass and energy. Both differential and integral analysis approaches are taught. Includes study of hydrostatics, dimensional analysis, boundary layers, Bernoulli's equation, head loss and piping systems, and lift and drag forces. Includes a laboratory component.
Academic Term
22/WI
Instructor
Wehe, Shawn
Location & Meeting Time
Integrated Science & Engineering Complex-387+ M/W/F 03:05PM-04:10PM LEC
Petition
Y
Credits
1.00
Capacity
24
Total Students
21
Common Curriculum
WAC Writing Across Curriculum
Academic Department
Mechanical Engineering
Field Of Study
Mechanical Engineering (MER)