Course Number
MER-302-01
Course Description
Introduction to theory and application of computational (and experimental) methods used to optimize performance of engineering systems. These methodologies will be discussed in the context of practical applications ranging from structural shape optimization and robotics to material selection and design for assembly. Special emphasis will be given to translating the design into mathematical terms addressable by these general methods.
Academic Term
22/FA
Instructor
Keat, William
Location & Meeting Time
Integrated Science & Engineering Complex-220 T/TH 09:00AM-10:45AM LEC
Petition
Y
Credits
1.00
Capacity
24
Total Students
24
Academic Department
Mechanical Engineering
Field Of Study
Mechanical Engineering (MER)