Mechanical Engineering Curriculum Prerequisite Map (Class of 2025+)

1st Year
- EG 10114 Discernment [1]
- EG 10115 Projects [2]
- MATH 10550 Calculus I* [4]

Sophomore Year
- EG 10116 Programming [3]
- AME 20210 Design Think [3]
- MATH 10560 Calculus II** [6]
- MATH 20550 Calculus III [3.5]
- AME 20580 Linear ODE [3.5]
- AME 20221 Mechanics I** [3]
- AME 20222 Mechanics II [3]
- MATH 20560 Calculus IV [3.5]
- PHYS 10310 Physics I* [4]
- PHYS 10320 Physics II** [4]

Junior Year
- AME 21267 DT I [2]
- AME 21268 DT II [2]
- AME 30314 Diff Eq I [3]
- AME 30315 Diff Eq II [3]
- AME 30331 Fluids [3]
- AME 30334 Heat Transfer [3]
- AME 30241 Solids [3]
- AME 30363 DOME [3]
- AME 2016 Lab I [2]

Senior Year
- AME 2017 Lab II [2]
- EE 20222 Intro to EE [4]
- AME 40423 Mechanisms [3]
- AME 40463 Senior Design [4]

* Indicates classes which can be taken concurrently