

<p style="text-align: center;">Aerospace</p> <p>AME 320 Aerodynamics AME 321 Aircraft Performance AME 323 Gasdynamics AME 324C Aerospace Structures AME 425 Aerospace propulsion AME 426 Rocket propulsion AME 427 Stability/Control of Aero. Vehicles AME 429 Interplanetary Mission design AME 457 Orbital Mechanics and Space Flight AME 454 Spacecraft Attitude Dynamics and Control</p>	<p style="text-align: center;">Manufacturing/Fabrication</p> <p>AME 410 Additive manufacturing AME 489A Fab Tech Micro- & Nanodevices</p>	<p style="text-align: center;">Energy</p> <p>AME 444 Applied Thermodynamics AME 430 Intermediate Thermodynamics AME 442A HVAC System Design AME 442B Adv HVAC System Analysis & Design AME 445 Renewable Energy Systems AME 446 Fuel cell design AME 480 intro to nuclear energy</p>	<p style="text-align: center;">Numerical methods</p> <p>AME 431 Num Meth Fluid Mech. + Heat Transfer AME 463 Finite Element Analysis w/ ANSYS</p>
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<p style="text-align: center;">Management/Decision making/ Entrepreneurship</p> <p>AME 472 Reliability Engineering</p>	<p style="text-align: center;">Biomedical Engineering</p> <p>AME 466 Biomechanical Engineering AME 489B Bio Micro/Nano application AME 483 Micro Biomechanics</p>	<p style="text-align: center;">Mechatronics/Electronics</p> <p>AME 487 Design of Mechatronic Systems</p>	<p style="text-align: center;">Automotive</p> <p>AME 434 Internal Combustion Engines AME 451 Vehicle Dynamics AME 452 Planar Multibody Dynamics w/Applications</p>
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<p style="text-align: center;">Materials and structures</p> <p>AME 460 Mechanical Vibrations AME 462 Composite Materials AME 469 Engineering Design and Materials Selection</p>	<p style="text-align: center;">Fluid Mechanics</p> <p>AME 320 Aerodynamics AME 323 Gasdynamics AME 431 Num Meth Fluid Mech. + Heat Transfer AME 433 Prin + Appl Fluid Mechanics</p>	<p style="text-align: center;">Thermal sciences</p> <p>AME430 Intermediate Thermodynamics AME 434 Internal Combustion Engines AME 442A HVAC System Design AME 442B Adv HVAC System Analysis & Design AME444 Applied thermodynamics AME 446 Fuel Cell Fundamentals and Design AME 480 Intro. To Nuclear Engineering</p>	<p style="text-align: center;">Dynamics & Controls</p> <p>AME 457 Orbital Mechanics and Space Flight AME 451 Vehicle Dynamics AME 452 Planar Multibody Dynamics w/Applications AME 427 Stability + Control of Aerospace Vehicles</p>
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