| Tentative | Spring 2016 | as of 9/26/15 |
|---|---|---|
| | **Number** | **Course Title** |
| ENGRI | 1270 | Intro Entrepreneurship and Enterprise Engr. |
| MAE | 1900 | Freshman and Non-Technical Projects in M.E. |
| ENGRD | 2020 | Statics and Mechanics of Solids |
| MAE | 2030 | Dynamics |
| MAE | 2120 | Mechanical Properties and Selection of Engineering Materials |
| MAE | 2250 | Mechanical Synthesis |
| MAE | 3130 | Atomic & Molecular Structure of Matter |
| MAE | 3240 | Heat Transfer |
| MAE | 3260 | System Dynamics |
| MAE | 3272 | Mechanical Property and Performance Laboratory |
| MAE | 4120; sr des 4121 (in approval process) | Black Oak Wind Farm Research |
| MAE | 4160/5160; sr des 4161 | Spacecraft Technology and Systems Architecture |
| MAE | 4230/5230; sr. des 4231 | Intermediate Fluid Dynamics |
| MAE | 4250 | FSAE Auto Design Project/Sr. Design |
| MAE | 4291 | Supervised Senior Design Experience |
| MAE | 4320 | MicroElectro Mechanical Systems |
| MAE | 4530 | Computer Aided Engrg: Applications to BioMed Processes |
| MAE | 4510/5510 | Propulsion and Power |

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|---|---|---|
| MAE | 4590 | Intro. Controlled Fusion: Principles and Technology |
| MAE | 4650/5650; sr des 4651 | Biofluid Mechanics |
| MAE | 4860/5860; sr des 4861 | Automotive Engineering (3,4) |
| MAE | 4900 | Individual and Group Projects in Mechanical Engineering |
| MAE | 4980 | Teaching Experience in Mechanical Engineering |
| MAE | 5010 | Future Energy Systems |
| MAE | 5070 | Dynamics of Flight Vehicles |
| MAE | 5130 | Mechanical Properties of Thin Films |
| MAE | 5469 | Energy Seminar II |
| MAE | 5790 | Nonlinear Dyamics and Chaos |
| MAE | 5920 | Systems Analysis, Behavior, and Optimization |
| MAE | 5949 | Enterprise Engineering Colloquium |
| MAE | 6060 | Spcecraft Attitude Dynamics, Estimation and Control |
| MAE | 6120 | Foundations of Solid Mechanics II |
| MAE | 6160 | Advanced Composite Materials |
| MAE | 6270 | Experimental Methods in Fluid Dynamics |
| MAE | 6430 | Computational Combustion |
| MAE | 6620 | Biomedical Technologies for Point of Care Diagnostics and Mobile and Global Health |
| MAE | 6650 | Principles of Tissue Engineering |
| MAE | 6700 | Advanced Dynamics |

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|---|---|---|
| MAE | 6720 | Celestrial Mechanics |
| MAE | 6780 | Multivariable Control Theory |
| MAE | 6820 | Methods of Applied Math II |
| MAE | 6900 | Special Investigations in M&AE (v6) |
| MAE | 6910 | M.Eng. Independent Study |
| MAE | 7880 | Continuum Mechanics and Thermodynamics |
| MAE | 7910 | M&AE Research Conferences |
| MAE | 7999 | M&AE Colloquium |
| MAE | 8900 | M.S. Thesis Research |
| MAE | 9900 | Ph.D. Thesis Research |