AEROSPACE ENGINEERING
TECHNICAL ELECTIVES

MAE 110B  Thermodynamic Systems
MAE 118 (formerly 118A)  Introduction to Energy & Environment
MAE 119 (formerly 118B)  Intro Renew Energy/Solar & Wind
MAE 120 (formerly 118C)  Dynamics of Natural Flows
MAE 133  Finite Element Methods
MAE 131B  Solid Mechanics II
MAE 131C  Solid Mechanics III
MAE 143C  Digital Control Systems
MAE 149  Sensor Networks
MAE 180A  Spacecraft Guidance I
MAE 181  Space Mission Analysis and Design (formerly MAE 180B)
SE 131  Finite Element Analysis
SE 142  Design of Composite Structures
SE 163  Nondestructive Evaluation

* MAE 160 is not an approved T.E. due to overlapping material in SE 160AB.

GRADUATE COURSES:

MAE 207  Topics in Engineering Science
MAE 210A  Fluid Mechanics I (graduate level)
MAE 211  Introduction to Combustion
MAE 212  Intro Compressible Flow
MAE 213  Mechanics of Propulsion
MAE 220A  Physics of Gases
MAE 221A  Heat Transfer
MAE 280A  Linear Systems Theory
SE 201A  Advanced Structural Analysis
SE 202  Structural Stability
SE 203  Structural Dynamics
SE 204  Advanced Structural Dynamics
SE 205  Nonlinear Mechanical Vibrations
SE 207  Topics in Structural Engineering
SE 252  Experimental Mechanics and NDE
SE 253A  Mechanics of Laminated Composite Structures I

* Enrollment in graduate courses requires approval by the instructor and course dept.

Questions? Please contact an MAE Undergraduate Advisor, Gerri Johnson, at gjjohnson@ucsd.edu or Christina Sandoval-Paquette, at cgsandoval@ucsd.edu.