

## Approved Non-ENAE Tech Electives

<b>Course</b>	<b>Title</b>
AMSC420	Mathematical Modeling
AMSC460	Computational Methods
AMSC466	Introduction to Numerical Analysis I
AOSC431/2	Atmospheric Thermodynamics
AOSC424	Remote Sensing of the Atmosphere and Ocean
ASTR320	Theoretical Astrophysics
ASTR410	Radio Astronomy
ASTR421	Galaxies
ASTR430	The Solar System
BIOE411	Tissue Engineering
BIOE415	Bioengineering of exercise response
CMSC330	Organization of Programming Languages
ENES489P	Hands-On Systems Engineering Projects
ENMA300	Introduction to Materials Engineering
ENME332	Transfer Processes
ENME400	Machine Design
ENME414	Computer-Aided Design
ENME430	Fundamentals of Nuclear Reactor Engineering
ENME431	Nuclear Reactor Systems and Safety
ENME470	Finite Element Analysis
ENME489P	Special Topics in Mech E; internal combustion engines
MATH401	Applications of Linear Algebra
MATH405	Linear Algebra
MATH406	Introduction to Number Theory
MATH410	Advanced Calculus I
MATH420	Mathematical Modeling
MATH462	Partial Differential Equations
MATH463	Complex Variables for Scientists and Engineers
MATH464	Transform Methods for Scientists and Engineers
PHYS374	Intermediate Theoretical Methods
PHYS420	Principles of Modern Physics
STAT400	Applied Probability and Statistics I
STAT410	Introduction to Probability Theory