

# MINOR IN APPLIED MECHANICS

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## Required Courses - Aerospace Engineering Majors only

Code	Title	Credit Hours
MMAE 432 or MMAE 433	Design of Mechanical Systems Design of Thermal Systems	3
Select a minimum of four courses from the following:		12
MMAE 302 or MMAE 332	Advanced Mechanics of Solids Design of Machine Elements	3
MMAE 321	Applied Thermodynamics	3
MMAE 323	Heat and Mass Transfer	3
MMAE 445	Computer-Aided Design	3
MMAE 485	Manufacturing Processes	3
<b>Total Credit Hours</b>		<b>15</b>

## Required Courses - Materials Science Engineering Majors only

Code	Title	Credit Hours
MMAE 302 or MMAE 332	Advanced Mechanics of Solids Design of Machine Elements	3
MMAE 313	Fluid Mechanics	3
MMAE 323	Heat and Mass Transfer	3
MMAE 350	Computational Mechanics	3
MMAE 432 or MMAE 445	Design of Mechanical Systems Computer-Aided Design	3
<b>Total Credit Hours</b>		<b>15</b>