

MAE Dual Degree Program - Total Credit Hours 150

Catalog Year: 2013 - 2021

If your primary program is **Mechanical Engineering**, you will need to complete an additional 22 credit hours from the following Aerospace Engineering curriculum.

	Prefix and Number	Cr. Hr	Course Name	Offered
Aerospace	EAS 3101	3	Fundamentals of Aerodynamics	SP
	EAS 3810C	3	Design of Aerospace Experiments	FA / SP
	EAS 4105	3	Flight Mechanics	FA
	EAS 4134	3	High-Speed Aerodynamics	FA
	EAS 4200	3	Analysis and Design of Aerospace Structures	FA
	EAS 4300	3	Aerothermodynamics of Propulsion Systems	SP
	Approved Electives**	4	<i>(Please refer to the Technical Elective Sheet)</i>	

If your primary program is **Aerospace Engineering**, you will need to complete an additional 22 credit hours from the following Mechanical Engineering curriculum.

	Prefix and Number	Cr. Hr	Course Name	Offered
Mechanical	EML 3500	3	Design and Analysis of Machine Components	FA / SP
	EML 4301C or EML 4306C	3	Mechanical or Energy Systems Lab	SP
	Approved Electives**	10	<i>(Please refer to the Technical Elective Sheet)</i>	
	Choose 2 of these 5 Courses			
	EML 3101	3	Thermodynamics of Mechanical Systems	SP
	EML 4143	3	Heat Transfer II	FA
	EML 4313	3	Intermediate System Dynamics and Controls	FA
	EML 4504	3	Design and Analysis of Machine Components II	SP
	EML 4703	3	Fluid Mechanics II	FA

Due to catalog revisions beginning in the 2013 – 2014 catalog year, students **WILL NO LONGER be able to use approved technical elective credit towards **BOTH** degrees to satisfy the dual degree program. The additional approved technical elective hours listed above (for Aerospace Engineering, 4 hours and Mechanical Engineering, 10 hours) should be separate and apart from your first 128 credit hour degree.**

Students pursuing a dual degree should speak with Ms. Lynn Grabenhorst to set up a class schedule that works towards graduation.

Academic Advising Offices ENG 1 Room 381

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