



**MECHANICAL  
ENGINEERING**

Students may take a maximum of 6 units (thesis option) or 9 units (comprehensive exam option) of 400-level courses as part of their M.S. degree program. The 400-level courses in the “expected background” list, which are taken as part of the M.S. degree program, will be part of this 6- or 9-unit maximum. The elective courses in the M.S. degree program are generally selected with the approval of the Graduate Coordinator/Faculty Advisor to be consistent with the chosen emphasis.

The listed 400-level coursework has been approved for use as graduate credit in the M.S. degree.

Approved 400-Level Coursework

<b><i>Course Number</i></b>	<b><i>Title</i></b>	<b><i>Tentative Offering Schedule</i></b>
ME 431/L	Machine Design & Manufacturing, & Lab	Fall Semester
ME 434	Geometric Dimensioning & Tolerancing	Spring Semester
ME 470	Thermodynamics II	Fall Semester
ME 482	Alternative Energy Engineering	Fall Semester
ME 483	Alternative Energy Engineering II	Spring Semester
ME 484/L	Control of Mechanical Systems	Spring Semester
ME 485	Introduction to Environmental Engineering	Spring Semester
ME 490	Fluid Dynamics	Fall Semester
ME 493	Hydraulics	Fall & Spring Semester
ME 494A-C	ME Internship	As Needed
AE 472	Aeropropulsion Systems	Spring Semester (Every 2 Years)
AE 480	Fundamentals of Aerospace Engineering	Fall Semester