

News of Interest to Mechanical Engineering Students

Revised: April 14, 2020

Directed Electives, Graduate Courses, and Special Offerings for Summer Quarter 2020

MEEN 353	Heat Transfer	H. Hegab	online
MEEN 361	Adv. Mech. of Materials	M. Swanbom	online
MEEN 462	Mach. Element Design	M. Swanbom	online
MEEN 497	Finite Element Methods	D. Hall	online
MEMT 203	Dynamics	M. Swanbom	online
ENGR 454	Modern Energy Grand Challenges	L. Weiss	online
ENGR 489c (V84)	Additive Manufacturing (need your own 3D printer)	K. Crittenden	online

Directed Electives, Graduate Courses, and Special Offerings for Fall Quarter 2020-21

MEEN 332	Thermodynamics II (no spring offering in 2021)	L. Weiss	MWF 930 - 1045
MEEN 450c (002)	Advanced Fluid Dynamics	A. Moore	MWF 1100 - 1215
MEEN 450c (003)	Device Modeling	H. Bardaweel	TR 1200 - 150
MEEN 450c (004)	Foundations of Engineering Continuum Mechanics	X. Chen	TR 200 - 350
ENGR 425	Engineering Ethics and Professionalism (1 Credit Hour)	H. Hegab	R 330 - 445
ENGR 480	Multidisciplinary Capstone Design (subs for MEEN 480, entrepreneurship focus)	K. Crittenden	T 200 - 500

Special Note on Electives: Please discuss specific courses with your advisor before registering; a petition should be filed for any non-MEEN or MEMT directed elective. In general, 400 level COES courses can count as the COES elective. Also in general, 400 level courses taught by MEEN faculty can count as COES, or MEEN electives. In addition, 400 level MEEN electives can count as the COES elective. Remember to talk to your advisor about your electives!

Co-Ops, Internships and Summer Research Experiences: We encourage students to complete internships and co-ops while completing their MEEN degree. Talk to your advisor about which quarter would be best for you to miss next year. Internships, co-op's, and research experiences enrich your education and provide valuable job experience that will make you more attractive to potential employers.

Prerequisites and GPA Benchmarks

Special Requirements: Freshman and sophomore students should be aware of the MATH 240-244 minimum GPA requirement of 2.0 on all attempts of those classes prior to registering for MEEN 332, MEEN 350, MEEN 382, and MEMT 313.

Please also be aware that you must have a minimum GPA of 2.0 in all MEEN rubric courses in order to graduate. MEEN rubric courses include ENGR 220, ENGR 222, all required MEMT courses, and all MEEN courses, including approved directed electives.

Academic Documents:

MEEN Curriculum Flowchart: <http://bit.ly/MEENFlowChart>

MEEN Curriculum Sheet: <http://bit.ly/MEENCurriculum>