

MECHANICAL ENGINEERING TECHNOLOGY COURSE SEQUENCE WITH PREREQUISITES

Freshman		Sophomore		Junior		Senior	
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
MECT 1330 (computer knowledge or COI)	MECT 1364 (no prerequisite)	MECT 2354 (PHYS 1301 & MATH 1431)	MECT 3360 (MECT 1364)	MECT 3355/3155 (MECT 2354 & MATH 1432)	MECT 3365 (MECT 1330, MECT 3355 & MECT 1364)	MECT 4275 (MECT 3358, 3318, enrolled in or completed MECT 3365)	MECT 4276 (MECT 4275)
MATH 1330 («MATH 1310 or equiv or appropriate MPE score)	MATH 1431 (MATH 1330 or equiv or appropriate MPE score)	MATH 1432 (MATH 1431)	MECT 3341 (MATH 1330 & COSC 1304 or ELET 2300 or Equiv)	MECT 3318/3118 (MECT 2354 & MATH 1432)	MECT 3358 (MECT 1330, MECT 2354 & MATH 1432)	MECT 4372 MECT 4172 (MECT 3355)	*MECT Elective
CHEM 1301 CHEM 1101 (enrolled in or completed MATH 1310 or Equiv)	PHYS 1301/1101 (MATH 1330 or equiv)	PHYS 1302/1102 (PHYS 1301)	Humanities (see core approved list in class schedule)	MECT 3331 (MATH 1431 & PHYS 1302)	MECT 3342 (MECT 1330, MECT 3318 & MECT 3331)	MECT 4188 (SR standing in ET department)	*MECT Elective
HIST 1376 or 1377 (no prerequisite)	HIST 1378 or 1379 (no prerequisite)	COSC 1304 (MATH 1310 or Equiv) or ELET 2300 (completed or enrolled in MATH 1330 or equiv)	ELET 2307 (enrolled in or completed MATH 1330)	MECT 3367 (MECT 1364 & MATH 1330)	*MECT Elective	*MECT Elective	Free Elective
ENGL 1303 (score of 240 or higher on THEA writing test or equivalent)	ENGL 1304 or TELS 3372 (ENGL 1303 or equiv)	POLS 1336 (no prerequisite)	POLS 1337 (no prerequisite)	TECH 1313 (enrolled in or completed MATH and ENGL core courses)	TELS 3340 (ENGL 1304) or HDCS 3300 (JR standing)	Writing in the Discipline TELS 3363 (ENGL 1303 with grade of C or higher)	Vis. and Perf. Arts (see core approved list in class schedule)

***Choose either 12 semester hours of Computer-Aided Design and Manufacturing electives or Petroleum Technology electives.**

Computer-Aided Design & Manufacturing: Fall only: MECT 4323-(MECT 3355 & MATH 1432), MECT 4341-(MECT 4372 & 3365), MECT 4360-(MECT 3318 & 3355), MECT 4384-(MECT 3360 or equiv) Summer only: MECT 3362(MATH 1330 & MECT 1364),

Spring only: MECT 4343-(MECT 4372 & 3331), MECT 4350-(ELET 2307, MECT 3358 or Equiv), MECT 4365-(MECT 3365 or Equiv), MECT 4361-(MECT 3331, 3355, & 3358)

Petroleum Technology: Fall only: MECT 4330-(MECT 3365), MECT 4332-(MECT 3318),

Spring only: MECT 4326-(MECT 3358 & 3365), MECT 4328(MECT 3365 & 4372), MECT 4337-(MECT 4332 & MECT 3355)

« Students will be expected to place out of MATH 1310 by either Math Placement Exam, CLEP or have taken MATH 1310