Student Name	Email	T-Number
2017-2018 MECHANICAL SYSTEMS ENGINEERING BS: 4 YR. SEQUENCE		
FALL CLASSES		SPRING CLASSES
FALL: First Semester (15 hours)		SPRING: Second Semester (15 hours)
SYEN 1210 Intro to Systems Engineering (SYEN 1207 Intro to Mechanical Engineerin CHEM 1406 Engineering Chemistry OR CI MATH 1451 Calculus Core: Communications – Written (RHET 13)	ng HEM 1402 General Chemistry I	SYEN 2117 Fabrication Lab I PHYS 2321/2121 Physics for Scientists and Engineers I and Lab MATH 1452 Calculus II Core: Communications – Written (RHET 1312) Core: U. S. Traditions (HIST 2321/2322 or POLS 1310)
FALL: Third Semester (17 hours)		SPRING: Fourth Semester (18 hours)
SYEN 1302 C/C++ Programming for Engin PHYS 2322/2122 Physics for Scientists an MATH 2453 Calculus III Core: Social Science Core: History of Civilization (HIST 1311/13	d Engineers II	SYEN 2370 Engineering Statics SYEN 3314 Probability Theory and Random Variables or MATH 3350. Intro to Probability SYEN 3372. Engineering Materials MATH 3322 Introduction to Differential Equations Core: Fine Arts Core: Humanities (PHIL 2311)
EALL: Eifth Samastor (17 hours)		SPRING: Sixth Samastar (15 hours)
FALL: Fifth Semester (17 hours) SYEN 2233. Solid Modeling and Design SYEN 3316 Discrete Events Systems Mod SYEN 3371 Engineering Dynamics SYEN 3378 Engineering Thermodynamics SYEN 3370. Vibrations I MATH 3312 Linear Algebra	_	SPRING: Sixth Semester (15 hours) SYEN 3320 Systems Engineering Design and Analysis SYEN 3312 Optimization Methods in Systems Engineering SYEN 4374. Fluid Mechanics SYEN 3379. Elements of Mechanical Design SYEN 3373. Introduction to the Mechanics of Materials
FALL: Seventh Semester (17 hour	<u></u>	SPRING: Eighth Semester (16 hours)
SYEN 4185 Systems Engineering Capsto SYEN 3318 Decision and Risk Analysis SYEN X3XX Major Elective SYEN X3XX Major Elective SYEN 4174 Mechanical Engineering Laboration SYEN 4379 Heat Transfer PHYS 3350 Electronics		SYEN 4386 Systems Engineering Capstone Design II SYEN 3301 Engineering Economy SYEN 3364 Intro to Control Systems Engineering SYEN 4176. Mechanical Engineering Laboratory II SYEN X3XX Major Elective SYEN X3XX Major Elective
		Revised 9/30/16