		Frequency	SP 13	sum 13	f13	sp 14	sum 14	f14	sp 15	sum 15	f15	sp 16	sum 16	f16	Sp 17	sum 17	f17	sp 18	sum 18	f18	sp19	sum19	f19	Stream	Faculty
	Total courses offered in semester (term)		8	3	11	14	3	10	10	3	13	14	3	8	12	3	11	13	3	10	11	3	9		
1	ME5321 Thermodynamics	**Every fall**																						**Thermal / Fluids** Anderson, Bhattacharya, Chyu, He, James, Oler, Pantoya, Para, Araya, Castillo, Sheng, Hussain	Bhattacharya, James, Maxwell, Para,Blawzdziewicz, Araya, Castillo
2	ME5322 Conduction Heat Transfer	**Every other fall**																							Chyu, Pantoya
3	ME5338 Advanced Fluid Mechanics	**Every spring**																							Bhattacharya, Blawzdziewicz, Hussain, Christopher, Sheng
4	ME5327 Advanced Heat Transfer	**Every spring**																							Bhattacharya, Chyu, James, Araya
5	ME5330 Boundry Layer Theory	**Every other fall**																							Castillo
6	ME5325 Convection Heat Transfer	**Every other fall**																							Chyu
7	ME5326 Combustion	**Every other sprig**																							Pantoya
8	ME5360 Biofluid Mechanics	**Every other spring**																							He
9	ME5336 Computational Fluid Dynamics	**Every summer**																							Para
10	ME6330 Advanced Foundations of Nuclear Engr	**Every other fall**																							Anderson
11	ME6330 Aerodynamics of Wind Turbines	**Every other summer**																							Para
12	ME6330 Automotive Systems	**Every other spring**																							
13	ME5335 Mathematical Models of Turbulence	**Every other summer**																							Para, Hussain
14	ME5340 Elasticity	**Every spring**																						**Materials / Mechanics** Chaudhuri, Kumar,Idesman, Jankowski, Ma, Rasty, Yeo	Chaudhuri, Idesman
15	ME5342 Fracture and Failure Analysis	**Every 4 /5 semesters**																							Rasty
16	ME5345 Computational Mechanics	**Every 4 /5 semesters**																							Idesman
19	ME5343 Contact Mechanics	**Every 4 /5 semesters**																							Yeo
20	ME6330 Physical Metallurgy	**Every 4 /5 semesters**																							Jankowski, Kumar
21	ME6330 Mechanics of Nano-materials I	**Every 4 /5 semesters**																							Jankowski, Kumar
22	ME6330 Legal Principles of Forensic Science & Engr	**Every 2 /3 semesters**																							Rasty
23	ME5311 Advanced Dynamics	**Every fall**																						**Dynamics / Controls** Barhorst, Berg, Hui, Lillian, Ren, Kim	Barhorst, Ren
24	ME5312 Control Theory I	**Every fall**			math						math						math						math		Hui, Berg, Math,Ren
25	ME5313 Control Theory I I	**Every spring**				math						math						math							Hui, Berg, Math,Kim
26	ME5314 Nonlinear Dynamics	**Every other spring**																							Barhorst, Berg, Hui
27	ME5316 Advanced Vibrations (2 yr Fl)	**Every other fall**																							Barhorst, Lillian
28	ME5385 Introduction to Microsystems (MEMS) I	**Every fall**						EE						EE						EE					Berg, EE,Kim
29	ME5386 Introduction to Microsystems (MEMS) I I	**Every spring**	EE						EE						EE						EE				Berg, EE, KIM
30	ME5317 Robot and Machine Dynamics	**Every other spring**																							Barhorst
31	ME5351 Advanced Engineering Design	**Every other spring**																							Ertas
32	ME5352 Probabilistic Design	**Every 4/5 semesters**																							Ekwaro-Osire
34	ME5356 Digital Human Modeling	**Every other spring**																							Yang
35	ME5301 Analysis of Engineering Systems I	**Every fall**																						**Math** Bhattacharya	Bhattacharya
36	ME5302 Analysis of Engineering Systems II	**Every spring**																							Bhattacharya
37	ME6330 Advanced Math Methods	**Every summer**																							Bhattacharya