

MECHANICAL ENGR

CURRICULUM PROPOSALS

Curriculum Held Over 8/1/2/2005
March 2005

Codes: (Note: these codes are in the last three (3) columns on right side of this form)
 1-Catalog Descript. 2-Certificate 3-Concentration (Cofg+Cags) 4-Dept Name Chg. 5-Gen Ed. 6-Highs Chg. 7-Minor Chg. 8-Minors 9-New Crs. 10-Prereq. 11-Programs. 12-Specialtz.
 13-Title Chg. 14-Deletion 15-Credit hr 16-WI-non gen ed 17-MGS-non gen ed * In Q (right) Column-see proposal

Mechanical Engineering	TM 8/22/01	New Course	G		Advanced Dynamics	99-00-434	0910.553	06	26	01	Spr '02	9
Mechanical Engineering	TM 4/22/99	New Course	U		Advanced Heat and Mass Transfer	99-418	0910.413	4	12	99	fall/99	9
Mechanical Engineering		New Course	G		Advanced Mechanism Design	97-98-304	0910.541	05	26	98		9
Mechanical Engineering	TM 6/15/98	New Course	U		Advanced Mechanism Design for Undergraduates	97-98-300	0910.441	05	26	98		9
Mechanical Engineering		New Course	G		Combustion	97-98-296	0910.511	05	26	98		9
Mechanical Engineering	TM 4/22/99	New Course	G		Computational Fluid Dynamics	99-417	0910.522	4	12	99	fall/99	9
Mechanical Engineering	TM 3/25/98	New Course	G		Computer Integrated Manufacturing and Automation	97-98-83	0910.501	01	26	98		9
Mechanical Engineering	TM ?	New Course	U		Design for X	99-419	0910.443	4	12	99	fall/99	9
Mechanical Engineering		New Course	U		Dynamics	96-97-87	0901.291	03	07	97	Spr/98	9
Mechanical Engineering	TM 2/16/04	New Course	G		Elastic Stability of Structures	03-04-402	0910.554	02	16	04	Fall/04	9
Mechanical Engineering	TM 4/22/99	New Course	G		Energy Conversion Systems	99-428	0910.514	4	12	99		9
Mechanical Engineering	TM 1/1/99	Minor Change	U		Engineering Materials I to Material Science	99-423	0901.281	12	7	98		13
Mechanical Engineering		New Course	U		Engineering Materials II	96-97-90	0901.282	03	07	97		9
Mechanical Engineering	TM 1/1/99	Minor Change	U		Engineering Materials II to Manufacturing Process	99-424	0901.282	12	7	98	fall/99	13
Mechanical Engineering	TM 3/31/99	New Course	G		Engineering Optimization	97-98-79	0901.503	04	12	99		9
Mechanical Engineering	TM 1/98	New Course	U		Engineering Thermodynamics I	97-98-69	0910.311	12	1	97	Fall 98	9
Mechanical Engineering	TM 3/25/98	New Course	U		Engineering Thermodynamics II	97-98-68	0910.312	01	26	98		9
Mechanical Engineering	TM 3/25/98	New Course	G		Finite Element Analysis	97-98-81	0901.502	01	26	98		9
Mechanical Engineering	TM 1/11/8/98	New Course	U		Fluid Mechanics II	99-401	0910.313	11	9	98		9
Mechanical Engineering	TM 8/13/03	New Course	G		Fundamentals of Crash Safety Engineering	02-03-405	0910.575	06	27	03	Fall/04	9
Mechanical Engineering	TM 4/22/99	New Course	G		Gas Dynamics	99-430	0910.521	4	12	99		9
Mechanical Engineering	TM 3/30/00	New Course	U		Introduction to Analytic Dynamics	99-00-415	0901.453	03	02	00		9
Mechanical Engineering	TM 7/27/04	New Course	U		Introduction to Biofluids	02-03-408	0901.471	07		04	Fall/04	9
Mechanical Engineering	TM 7/27/04	New Course	U		Introduction to Biofluids	02-03-408	910.471	07	07	04	fall/04	9

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1/12/2005

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Mechanical Engineering	TM 7/27/04	New Course	U		Introduction to Biomaterials	02-03-409	0910.472	07	07	04	fall/04	9
Mechanical Engineering	TM 7/27/04	New Course	U		Introduction to Biomechanics	02-03-404	0910.470	07	07	04	fall/04	9
Mechanical Engineering	TM 6/15/98	New Course	U		Introduction to Combustion	97-98-302	0910.411	05	26	98	fall/99	9
Mechanical Engineering	TM 4/22/99	New Course	U		Introduction to Computational Fluid Dynamics	99-420	0910.422	4	12	99	fall/99	9
Mechanical Engineering	TM 3/31/99	New Course	U		Introduction to Computer Integrated Manufacturing and Automation	97-98-84	0910.401	04	12	99		9
Mechanical Engineering	TM 8/13/03	New Course	U		Introduction to Crash Safety Engineering	02-03-406	0910.475	06	27	03	Fall/04	9
Mechanical Engineering	TM 4/22/99	New Course	U		Introduction to Energy Conversion Systems	99-427	0910.414	4	12	99		9
Mechanical Engineering	TM 3/31/99	New Course	U		Introduction to Engineering Optimization	97-98-80	0901.411	04	12	99		9
Mechanical Engineering	TM 3/31/99	New Course	U		Introduction to Finite Element Analysis	97-98-82	0901.410	04	12	99		9
Mechanical Engineering	TM 4/22/99	New Course	U		Introduction to Gas Dynamics	99-429	0910.421	4	12	99		9
Mechanical Engineering	TM 1/1/99	New Course	U		Introduction to Rocket Propulsion	99-404	0910.412	12	7	98		9
Mechanical Engineering	TM 2/16/04	New Course	U		Introduction to the Elastic Stability of Structures	03-04-403	0910.454	01	27	04	Fall/04	9
Mechanical Engineering	TM 2/16/2003	New Course	U		Introduction to the Elastic Stability of Structures	03-04-403	0910.454	01	27	04	Fall/04	9
Bonny 2/9/04												
Mechanical Engineering	TM 12/18/01	New Course	U		Introduction to the Mechanics of Continuous Media (0910.451)	99-00-416	0910.451	06	05	01	Spr/02	9
Mechanical Engineering	TM 3/3/00	New Course	U		Introduction to Structural Acoustics	99-00-414	0910.452	02	04	00	Fall 01	9
Mechanical Engineering	TM 4/22/99	New Course	U		Machine Design	99-422	0910.241	4	12	99	fall/99	9
Mechanical Engineering	TM 3/25/98	New Course	U		Mechanical Design and Synthesis	97-98-78	0910.341	01	26	98		9
Mechanical Engineering	TM 7/1/99	Minor Change	U		Mechanical Design and Synthesis	99-457	0910.341	05	26	99		9
Mechanical Engineering	TM 11/1/99/98	Specialization	G		Prerequisite Change	97-98-170	910	11	13	98		10
Mechanical Engineering	TM 11/1/99/98	New Course	U		Mechanical Engineering Specialization	99-402	0910.343	11	9	98		12
Mechanical Engineering	TM 12/18/01	New Course	G		Mechanical Systems Dynamics and Control	99-00-435	0910.551	12	17	01	Spr/02	9
Mechanical Engineering	TM 4/22/99	New Course	U		Mechanics of Continuous Media (0910.551)	99-421	0910.442	4	12	99	fall/99	9
Mechanical Engineering	TM 4/22/99	New Course	U		Mechanics of Continuous Media (0910.551)	99-426	0910.403	4	12	99		9
Mechanical Engineering	TM 8/13/03	Minor Change	U		Microscale Systems	02-03-407	0910.403	06	27	03	Fall/03	9
					Title Change & make degree							7
					Microscale Systems to Emerging Topics in Mechanical Engineering							9

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Mechanical Engineering	TM 2/25/99	Minor Change	U	Program Changes	Program changes from Yr. 2000, 2002, 2003 & beyond	99-425		2	23	99		7	*
Mechanical Engineering	TM 11/19/98	New Course	U		Quality and Reliability in Design and Manufacture	99-403	0910.342	11	9	98	Spr/99	9	
Mechanical Engineering	TM 1/1/99	New Course	G		Rocket Propulsion	99-400	0910.512					9	
Mechanical Engineering	TM 6/6/00	New Course	U		Special Topics in mechanical Engineering	99-00-417	0910.405	05	22	00	Fall 00	9	
Mechanical Engineering	TM 7/19/01	New Course	G		Structural Acoustics	99-00-436	0910.552	05	15	01	Spr 2002	9	
Mechanical Engineering		New Course	U		Vibrations	96-97-88	0919.201	03	07	97		9	