COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	I&S	NW	ELECT	EMPS	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	198	CAREER PLANNING II CAREER PLANNING II	SPR/1972 - AUT/9999	1.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06 APPROVED:11/11/71																	
CHEM E	299	UNDERGRAD RESEARCH UNDERGRADUATE RESEARCH	SPR/2012 - AUT/9999	1.0-03.0	9.0	.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/21/11 APPROVED:12/20/11																	
CHEM E	301	LEADERSHIP SEMINAR LEADERSHIP SEMINAR	AUT/2008 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 3/14/07 APPROVED: 3/13/07																	
CHEM E	309	CREAT INNOVATION CREATIVITY AND INNOVATION	AUT/2010 - AUT/9999	2.0		.		.		.	.	.	Y	.	.	.	.	.	.	BSE 309	BSE 309	.
					LAST UPDT: 6/16/10 APPROVED:11/22/82																	
		COMMENT:CHG JT STATUS																				
CHEM E	310	MATERL & ENRGY BAL MATERIAL AND ENERGY BALANCES	SPR/2011 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 2/25/11 APPROVED: 3/27/80																	
		COMMENT:EMAIL PREQ CHG																				
CHEM E	325	ENERGY AND ENTROPY ENERGY AND ENTROPY	AUT/2012 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/13/12 APPROVED: 6/16/09																	
		COMMENT:12-13 PREQ CHG																				
CHEM E	326	CH E THERMODYNAMICS CHEMICAL ENGINEERING THERMODYNAMICS	AUT/2012 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/13/12 APPROVED: 2/01/72																	
		COMMENT:12-14 PREQ CHG																				
CHEM E	330	TRANSPORT PROCESS I TRANSPORT PROCESSES I	WIN/2007 - AUT/9999	5.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06																	
		COMMENT:CHG CRS																				
CHEM E	340	TRANSP PROCESS II TRANSPORT PROCESSES II	WIN/1990 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06																	
		COMMENT:CHG CREDITS																				

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	LI&AS	ENW	ELECT	ECMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	341	ENERGY & ENVIRON ENERGY AND ENVIRONMENT	AUT/2009 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	M E 341	M E 341 ENVIR 341	.
		COMMENT:CHG PREQ - JT STATUS																				
					LAST UPDT: 8/12/09			APPROVED: 1/24/94														
CHEM E	345	INTRO FUEL CELLS INTRODUCTION TO FUEL CELLS	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
		COMMENT:12-14 PREQ CHG																				
					LAST UPDT:12/11/12			APPROVED: 6/25/03														
CHEM E	355	BIO FOR ENGINEERS BIOLOGICAL FRAMEWORKS FOR ENGINEERS	WIN/2010 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
		COMMENT:EMAIL PREQ CHG																				
					LAST UPDT: 1/05/10			APPROVED: 2/25/02														
CHEM E	375	CH E COMPUTR SKILLS CHEMICAL ENGINERING COMPUTER SKILLS	WIN/2010 - AUT/9999	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
		COMMENT:CHG GRADING																				
					LAST UPDT:10/16/09			APPROVED: 6/25/03														
CHEM E	435	TRANSP PROCESS III TRANSPORT PROCESSES III	AUT/1973 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/10/09																	
CHEM E	436	CHEM ENGR LAB I CHEMICAL ENGINEERING LABORATORY I	AUT/2012 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
		COMMENT:12-14 PREQ CHG																				
					LAST UPDT: 7/13/12																	
CHEM E	437	CHEM ENGR LAB II CHEMICAL ENGINEERING LABORATORY II	WIN/1974 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/10/09																	
CHEM E	442	RENEWABLE ENERGY RENEWABLE ENERGY	AUT/2009 - AUT/9999	4.0	.	.	.	.	.	.	.	.	.	.	Y	.	.	.	.	M E 442	M E 442 ENVIR 442	.
		COMMENT:CHG PREQ - JT STATUS																				
					LAST UPDT: 8/12/09			APPROVED: 5/24/93														
CHEM E	445	FUEL CELL ENGR FUEL CELL ENGINEERING	SPR/2001 - AUT/9999	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 8/25/00			APPROVED: 8/23/00														

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	LI&S	NW	ELECT	EMP	CQSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM	E 450	SLD MTLS& CHEM PROC SOLID STATE MATERIALS AND CHEMICAL PROCESSES	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/13/12			APPROVED: 5/30/91														
		COMMENT:12-14 DESC, PREQ CHG																				
CHEM	E 455	SURF COLL SCI LAB SURFACE AND COLLOID SCIENCE LABORATORY	WIN/2010 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/17/09			APPROVED: 3/01/80														
		COMMENT:CHG CREDITS, PREQ, DESC																				
CHEM	E 457	PRIN MOLECULAR ENGR PRINCIPLES OF MOLECULAR ENGINEERING	SPR/2013 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/19/12			APPROVED:12/18/12														
CHEM	E 458	SURFACE ANALYSIS SURFACE ANALYSIS	WIN/1989 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 492	BIOEN 492	.
					LAST UPDT:10/17/00			APPROVED:12/17/87														
CHEM	E 461	ELECTROCHEMICAL ENG ELECTROCHEMICAL ENGINEERING	WIN/1993 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/14/92			APPROVED: 5/29/92														
CHEM	E 465	REACTOR DESIGN REACTOR DESIGN	WIN/2008 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/21/07																	
		COMMENT:CHG DESC																				
CHEM	E 467	BIOCHEMICAL ENGRING BIOCHEMICAL ENGINEERING	WIN/1988 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	CHEM E467	BIOEN 467	.
					LAST UPDT:10/04/94			APPROVED:12/17/87														
CHEM	E 468	AIR P CONT DESIGN AIR POLUTION CONTROL EQUIPMENT DESIGN	SUM/2000 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	CEE 494	CEE 494	.
					LAST UPDT:12/11/12			APPROVED: 5/27/82													M E 468	
CHEM	E 480	PROC DYNM & CONTRL PROCESS DYNAMICS AND CONTROL	WIN/2008 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/21/07																	
		COMMENT:CHG DESC																				
CHEM	E 481	PROCESS OPTIMIZATN PROCESS OPTIMIZATION	SPR/1968 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/06/06																	

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUMR	HNRE	FE	VLPA	I&S	NW	ELECT	ECMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	482	ADVANCED CONTROL ADVANCED TOPICS IN PROCESS CONTROL	SPR/1988 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 3/14/94 APPROVED:12/01/87																	
CHEM E	484	ELECTRONIC POLYMERS ELECTRONIC AND OPTOELECTRONIC POLYMERS	AUT/2003 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/26/03 APPROVED: 6/25/03																	
		COMMENT:CONVERSION OF TEMP COURSE																				
CHEM E	485	PROCESS DESIGN I PROCESS DESIGN I	WIN/2008 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/21/07 APPROVED: 4/01/80																	
		COMMENT:CHG DESC																				
CHEM E	486	PROCESS DESIGN II PROCESS DESIGN II	AUT/2012 - AUT/9999	5.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 7/13/12																	
		COMMENT:12-14 DESC CHG																				
CHEM E	490	ENG MATLS BIOMED AP ENGINEERING MATERIALS FOR BIOMEDICAL APPLICATIONS	SPR/1978 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 490	BIOEN 490	.
					LAST UPDT:10/02/06 APPROVED: 9/23/71																	
		COMMENT:NEW DESCRIPTION																				
CHEM E	491	CONTROLLED RELEASE CONTROLLED RELEASE SYSTEMS - PRINCIPLES AND APPLICATIONS	WIN/1979 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 491	BIOEN 491	.
					LAST UPDT:10/04/94 APPROVED:11/17/77																	
CHEM E	493	ADV SURFACE ANLYS ADVANCED SURFACE ANALYSIS	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 493	BIOEN 493	.
					LAST UPDT: 4/18/12 APPROVED: 4/17/12																	
CHEM E	497	DESIGN SPEC PROJ SPECIAL PROJECTS IN CHEMICAL ENGINEERING DESIGN	SPR/1998 - AUT/9999	1.0-06.0	12.0	.		.	11	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 4/24/98 APPROVED: 3/31/98																	
CHEM E	498	SPECIAL TOPICS SPECIAL TOPICS IN CHEMICAL ENGINEERING	WIN/1980 - AUT/9999	1.0-04.0	12.0	Y		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06 APPROVED: 6/07/79																	
		COMMENT:RICHLAND ADDED 01-24-1980																				
CHEM E	499	UNDERGRAD RESEARCH UNDERGRADUATE RESEARCH	SPR/1988 - AUT/9999	1.0-06.0	12.0	Y		.	11	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06																	
		COMMENT:CHG PREQS																				

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	I&S	NW	ELECT	ECMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	510	MATH FOUND SYST THR MATHEMATICAL FOUNDATIONS OF SYSTEMS THEORY	AUT/2005 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.	E E 510	A A 510 E E 510 M E 510	.
					LAST UPDT: 3/28/05 APPROVED:10/24/91																	
		COMMENT: CHG JOINT AA NUMBER																				
CHEM E	511	BIOMATERIAL SEMINAR BIOMATERIALS SEMINAR	SPR/2010 - AUT/9999	1.0	18.0	.	CR/NC	.		.	.	.	.	.	.	.	.	.	.	BIOEN 511	BIOEN 511	.
					LAST UPDT:12/15/09 APPROVED:12/09/92																	
		COMMENT:CHG MAX CREDITS																				
CHEM E	512	METH OF ENGR ANALYS METHODS OF ENGINEERING ANALYSIS	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	CHEM E512	AMATH 512	.
					LAST UPDT: 7/23/12 APPROVED: 5/14/97																	
		COMMENT:12-14 PREQ CHG																				
CHEM E	515	EXPERIMENTL METHODS EXPERIMENTAL METHODS IN CHEMICAL ENGINEERING RESEARCH	AUT/2003 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/26/03 APPROVED: 6/25/03																	
CHEM E	523	SMNR IN CHEM ENGR SEMINAR IN CHEMICAL ENGINEERING	AUT/1984 - AUT/9999	0.0-01.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06 APPROVED: 5/23/69																	
		COMMENT:CHG CREDITS																				
CHEM E	525	CHEM ENGR THERMDYNM CHEMICAL ENGINEERING THERMODYNAMICS	AUT/1972 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06																	
		COMMENT:CHG CREDITS																				
CHEM E	526	TPCS IN THERMODYNAM TOPICS IN THERMODYNAMICS	AUT/1982 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/11/12																	
		COMMENT:CHG DESC																				
CHEM E	530	MOMNT,HT,MS TR I MOMENTUM, HEAT, AND MASS TRANSFER I	AUT/1986 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 2/26/10																	
CHEM E	531	MOMNT,HT,MS TR II MOMENTUM, HEAT, AND MASS TRANSFER II	WIN/2001 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:10/02/06 APPROVED: 5/23/63																	
		COMMENT:CHANGE CREDITS																				

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	IAS	NW	ELECT	ECMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	532	SEPARATION PROCESS SEPARATION PROCESSES	AUT/1982 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
		COMMENT:CHG DESC			LAST UPDT:10/02/06																	
CHEM E	533	MASS TRANSFER MASS TRANSFER	WIN/1982 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00 APPROVED: 9/01/81																	
CHEM E	554	NANOSCALE SCI I NANOSCALE SCIENCE I: CONTACT MECHANICS AND RHEOLOGY ON THE NANOSCALE	SPR/1998 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 1/30/98 APPROVED:10/23/97																	
CHEM E	555	INTERFACL PHENOMENA INTERFACIAL PHENOMENA	WIN/1984 - AUT/9999	4.0		.		.		.	.	.	.	.	.	.	.	.	.			.
		COMMENT:RTRN CHG CREDITS			LAST UPDT:10/02/06																	
CHEM E	556	COLLOIDAL SYSTEMS COLLOIDAL SYSTEMS	SPR/2013 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
		COMMENT:CHG TITLES, CREDITS, DESC			LAST UPDT:12/18/12 APPROVED: 3/02/72																	
CHEM E	557	RES INTERF COLL SCI RESEARCH IN INTERFACIAL AND COLLOID SCIENCE	AUT/1997 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/11/12 APPROVED: 4/15/97																	
CHEM E	558	SURFACE ANALYSIS SURFACE ANALYSIS	WIN/1985 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 592	BIOEN 592	.
					LAST UPDT:10/17/00 APPROVED:10/25/84																	
CHEM E	560	REACTNS AT SURFACES REACTIONS AT SOLID SURFACES	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
		COMMENT:12-14 DESC, PREQ CHG			LAST UPDT: 7/13/12 APPROVED:12/17/87																	
CHEM E	561	ELECTRONS AT SURFS ELECTRONS AT SURFACES	WIN/1997 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:11/25/96 APPROVED:11/18/96																	
CHEM E	564	APPL CHEM KINETICS APPLICATIONS OF CHEMICAL KINETICS	AUT/1982 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
		COMMENT:CHG DESC			LAST UPDT:12/11/12 APPROVED: 2/18/71																	

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER -ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	IAS	NW	ELECT	EMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	565	KINETIC & CATALYSIS KINETICS AND CATALYSIS	WIN/1978 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00																	
CHEM E	566	GAS AIR POLL CONT CONTROL OF GASEOUS AIR POLLUTANTS	WIN/2001 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	CHEM E566	CEE 558	.
					LAST UPDT: 3/04/05 APPROVED:12/01/83																	
		COMMENT:CHG JT STATUS																				
CHEM E	567	PART AIR POLL CONT CONTROL OF PARTICULATE AIR POLLUTANTS	AUT/1984 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	CHEM E567	CEE 559	.
					LAST UPDT:10/02/06 APPROVED:12/15/83																	
CHEM E	570	HIGH POLYMERS CHEMISTRY OF HIGH POLYMERS	SPR/1977 - AUT/9999	3.0	6.0	Y		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/11/12																	
CHEM E	571	POLY PHYS ENGR POLYMER PHYSICS AND ENGINEERING	SPR/1978 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00 APPROVED:10/01/77																	
CHEM E	572	ADV POLY COMP ADVANCED POLYMERIC COMPOSITES	AUT/1982 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 0/00/00 APPROVED: 2/01/82																	
CHEM E	575	NONLINEAR ANALYSIS NONLINEAR ANALYSIS IN CHEMICAL ENGINEERING	SPR/1974 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:12/11/12 APPROVED: 5/23/63																	
		COMMENT:CHG TITLES, CREDITS																				
CHEM E	580	TOPICS CH E DESIGN TOPICS IN CHEMICAL ENGINEERING DESIGN	AUT/2012 - AUT/9999	3.0	9.0	Y		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 9/17/12 APPROVED: 3/28/74																	
		COMMENT:12-14 DESC CHG																				
CHEM E	582	ADVANCED CONTROL ADVANCED TOPICS IN PROCESS CONTROL	SPR/1988 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 3/04/05 APPROVED:12/01/87																	
CHEM E	584	ELECTRONIC POLYMERS ELECTRONIC AND OPTOELECTRONIC POLYMERS	AUT/2003 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/26/03 APPROVED: 6/25/03																	
		COMMENT:CONVERSION OF TEMP COURSE																				

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	I&S	NW	ELECT	EMPR	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
CHEM E	588	RES APPL MICROBIOL RESEARCH IN APPLIED MICROBIOLOGY	AUT/1997 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.	CHEM E588	MICROM588	.
					LAST UPDT: 4/30/97 APPROVED: 4/15/97																	
CHEM E	590	ADV BIOMATERIALS ADVANCED TOPICS IN BIOMATERIALS	SPR/1986 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 590	BIOEN 590	.
					LAST UPDT:10/04/94 APPROVED:11/25/85																	
CHEM E	591	ROBOT & CONTR COLL ROBOTICS AND CONTROL SYSTEMS COLLOQUIUM	AUT/1996 - AUT/9999	1.0	3.0	Y	CR/NC	.		.	.	.	.	.	.	.	.	.	.	A A 591	A A 591	.
					LAST UPDT: 4/03/97 APPROVED:10/27/93																E E 591 M E 591	
CHEM E	593	ADV SURFACE ANLYS ADVANCED SURFACE ANALYSIS	AUT/2012 - AUT/9999	3.0		.		.		.	.	.	.	.	.	.	.	.	.	BIOEN 593	BIOEN 593	.
					LAST UPDT: 4/18/12 APPROVED: 4/17/12																	
CHEM E	599	CURRENT TPCS CH E CURRENT TOPICS IN CHEMICAL ENGINEERING	WIN/2009 - AUT/9999	1.0-05.0	12.0	Y		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT:11/19/08																	
		COMMENT:CHG CREDITS																				
CHEM E	600	INDEPENDNT STDY/RSH INDEPENDENT STUDY OR RESEARCH	SUM/1976 - AUT/9999	0.0	999.0	.		.	11	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 4/19/10 APPROVED:11/01/74																	
CHEM E	700	MASTERS THESIS MASTER'S THESIS	AUT/1967 - AUT/9999	0.0	999.0	.		.	11	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 4/19/10 APPROVED:11/01/74																	
CHEM E	800	DOCTORAL DISSERTATN DOCTORAL DISSERTATION	SUM/1976 - AUT/9999	0.0	999.0	.		.	11	.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 4/19/10 APPROVED: 1/01/70																	

COLLEGE : J - Engineering
DEPARTMENT: CHEMICAL ENGR

CURRIC	COURSE NUM	TITLE	EFFECTIVE QUARTERS	QUARTER CREDITS	OVER-ALL MAX	DUP	GRD SYS	DED	HYPH	SUM	HNR	FEE	VLPA	I&S	NW	ELECT	ECMP	QSR	WRTNG	RESPONS COURSE	JOINT COURSES	OMIT
NME	220	MOL/NANO PRINCIPLES INTRODUCTION TO MOLECULAR AND NANOSCALE PRINCIPLES	WIN/2011 - AUT/9999	4.0		.		.		.	.	.	.	.	Y	.	.	.	.			.
					LAST UPDT: 6/17/10 APPROVED: 1/20/09																	
		COMMENT:WAS CHEM E 220																				
NME	221	NANO MOL ENG SEM I NANOSCIENCE AND MOLECULAR ENGINEERING SEMINAR I	SUM/2010 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10																	
NME	321	NANO MOL ENG SEM II NANOSCIENCE AND MOLECULAR ENGINEERING SEMINAR II	SPR/2011 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 5/19/11 APPROVED: 5/18/10																	
		COMMENT:EMAIL PREQ CHG																				
NME	421	NANO MOL ENG SEM III NANOSCIENCE AND MOLECULAR ENGINEERING SEMINAR III	SUM/2010 - AUT/9999	1.0		.	CR/NC	.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10																	
NME	498	SPECIAL TOPICS SPECIAL TOPICS IN NANOSCIENCE AND MOLECULAR ENGINEERING	AUT/2010 - AUT/9999	1.0-04.0	12.0	.		.		.	.	.	.	.	.	.	.	.	.			.
					LAST UPDT: 6/17/10 APPROVED: 5/18/10																	