Course ID	**Subject**	**Catalog**	**Title**	**Preq1 code**	**preq1 subject**	**preq1 catal**	**pereq1 title**	**Co /Pre**		**Preq2 code**	**preq2 sub**	**preq2 cat**	**pereq2 title**	**Co /Pre**		**Preq3 code**	**preq3 no**	**preq3 cat**	**pereq3 title**	**Co /Pre**		**Preq4 code**	**preq4 no**	**preq4 cat**	**pereq4 title**	**Co /Pre**
001001	BIO	F110	BIOLOGICAL LABORATORY																								
001002	BIO	F111	GENERAL BIOLOGY																								
001112	BIO	F211	BIOLOGICAL CHEMISTRY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001114	BIO	F212	MICROBIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001113	BIO	F213	CELL BIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001115	BIO	F214	INTEGRATED BIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001423	BIO	F215	BIOPHYSICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001424	BIO	F241	ECOLOGY & ENVIRON SCI																								
001430	BIO	F242	INTRO TO BIOINFORMATICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001425	BIO	F243	GENETICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																			
001426	BIO	F244	INSTRU METHODS OF ANAL	001001	BIO	F110	BIOLOGICAL LABORATORY	PRE																			
001427	BIO	F311	RECOMBINANT DNA TECH	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	AND	001425	BIO	F243	GENETICS	PRE													
001428	BIO	F312	PLANT PHYSIOLOGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	AND	001002	BIO	F111	GENERAL BIOLOGY	PRE													
001429	BIO	F313	ANIMAL PHYSIOLOGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE	AND	001002	BIO	F111	GENERAL BIOLOGY	PRE													
001431	BIO	F341	DEVELOPMENTAL BIOLOGY	001425	BIO	F243	GENETICS	PRE	AND	001113	BIO	F213	CELL BIOLOGY	PRE													
001432	BIO	F342	IMMUNOLOGY	001114	BIO	F212	MICROBIOLOGY	PRE	AND	001113	BIO	F213	CELL BIOLOGY	PRE													
001439	BIO	F352	CELL & TISSUE CULTR TECH																								
001440	BIO	F413	MOLECULAR BIO OF CELL																								
001433	BIO	F417	BIOMOLECULAR MODELING	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE																			
001434	BIO	F418	GENETIC ENGINEERING TECH																								
001435	BIO	F419	MOLECULAR EVOLUTION	001002	BIO	F111	GENERAL BIOLOGY	PRE																			

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001436	BIO	F421	ENZYMOLOGY	001112	BIO	F211	BIOLOGICAL CHEMISTRY	PRE																		
001441	BIO	F431	REPRODUCTIVE PHYSIOLOGY	001429	BIO	F313	ANIMAL PHYSIOLOGY	PRE																		
001437	BIO	F441	BIOCHEMICAL ENGINEERING																							
001438	BIO	F451	BIOPROCESS TECHNOLOGY																							
00111	BIO	G515	STEM CELL AND GENERATIBE BIOLOGY		BIO	F341	DEVELOPMENTAL BIOLOGY	CO																		
00192	BIO	G526	CANCER BIOLOGY		BIO	F243	GENETICS	PRE																		
002124	BIO	G545	MOLECULAR PARASITOLOGY AND VECTOR		BIO	F342	IMMUNOBIOLOGY	PRE																		
002016	BIO	G612	HUMAN GENETICS		BIO	F243	GENETICS	PRE	AND		BIO	F311	RECOMBINANT DNA TECH	CO												
002168	BIO	G561	ADVANCES IN RECOMBINANT DNA TECH		BIO	F311	RECOMBINANT DNA TECH																			
001100	BIOT	F211	BIOLOGICAL CHEMISTRY	001002	BIO	F111	GENERAL BIOLOGY	PRE																		
001101	BIOT	F212	MICROBIOLOGY	001002	BIO	F111	GENERAL BIOLOGY	PRE																		
001102	BIOT	F213	CELL BIOLOGY																							
001104	BIOT	F215	BIOPHYSICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																		
001359	BIOT	F241	GENETIC ENGINEERING TECH																							
001367	BIOT	F242	INTRO TO BIOINFORMATICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																		
001103	BIOT	F243	GENETICS	001002	BIO	F111	GENERAL BIOLOGY	PRE																		
001361	BIOT	F244	INSTRU METHODS OF ANAL	001001	BIO	F110	BIOLOGICAL LABORATORY	PRE																		
001360	BIOT	F245	INTRO TO ENVIRON BIOTECH		BIO	F111	GENERAL BIOLOGY	PRE	AND		BIOT	F212	MICROBIOLOGY	PRE												
001362	BIOT	F311	RECOMBINANT DNA TECH		BIOT	F211	BIOLOGICAL CHEMISTRY	PRE	AND		BIOT	F243	GENETICS	PRE												
001363	BIOT	F314	INDUS MICROBIO & BIOPRO ENGG		BIO	F111	GENERAL BIOLOGY	PRE	AND		BIOT	F212	MICROBIOLOGY	PRE												
001364	BIOT	F342	IMMUNOLOGY		BIOT	F212	MICROBIOLOGY	PRE	AND		BIOT	F213	CELL BIOLOGY	PRE												
001365	BIOT	F343	EXPERIMENTS IN BIOTECH		BIOT	F241	GENETIC ENGINEERING TECH	PRE	AND																	

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001366	BIOT	F344	DOWNSTREAM PROCESSING		BIO	F111	GENEARL BIOLOGY	PRE	AND		BIOT	F212	MICROBIOLOGY	PRE												
001368	BIOT	F345	PROTEOMICS																							
001372	BIOT	F346	GENOMICS																							
001373	BIOT	F347	IMMUNOTECHNOLOGY		BIOT	F342	IMMUNOLOGY	PRE																		
001371	BIOT	F352	CELL & TISSUE CULTR TECH																							
001370	BIOT	F413	MOLECULAR BIO OF CELL																							
001374	BIOT	F416	INTRO TO PHARMA BIOTECH																							
001369	BIOT	F417	BIOMOLECULAR MODELING		BIOT	F211	BIOLOGICAL CHEMISTRY	PRE																		
001376	BIOT	F420	INTRO TO PLANT BIOTECH																							
001377	BIOT	F422	NANOBIOTECHNOLOGY		BIO	F111	GENERAL BIOLOGY	PRE																		
001378	BIOT	F423	DRUG DESIGN AND DELIVERY		CHEM	F111	GENERAL CHEMISTRY	PRE																		
001375	BIOT	F424	FOOD BIOTECHNOLOGY		BIOT	F212	MICROBIOLOGY	PRE																		
001003	BITS	F110	ENGINEERING GRAPHICS																							
001004	BITS	F111	THERMODYNAMICS																							
001005	BITS	F112	TECH REPORT WRITING																							
001591	BITS	F221	PRACTICE SCHOOL I																							
001146	BITS	F223	OBJECT ORIENTED PROG																							
001332	BITS	F311	IMAGE PROCESSING																							
001334	BITS	F312	NEURAL NET & FUZZY LOGIC																							
001237	BITS	F313	MULTICRI DE MAK IN E & M																							
001511	BITS	F316	NONLINEAR DYNA & CHAOS	001010	MATH	F111	MATHEMATICS-I	PRE	AND	001011	MATH	F112	MATHEMATICS-II	PRE	AND	001022	MATH	F211	MATHEMATICS III	PRE						
001147	BITS	F341	SHORT FILM & VIDEO PROD																							

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001148	BITS	F342	HUMANITIES & DESIGN																							
001335	BITS	F343	FUZZY LOGIC & APPL																							
001336	BITS	F364	HUMAN COMP INTERACTION																							
001512	BITS	F385	INTRO TO GENDER STUDIES																							
001337	BITS	F386	QUANTUM INFO & COMPUTING																							
001592	BITS	F412	PRACTICE SCHOOL II																							
001248	BITS	F415	INTRODUCTION TO MEMS																							
001593	BITS	F421	THESIS																							
002001	BITS	F437	TECHNICAL COMMUNICATION																							
001338	BITS	F463	CRYPTOGRAPHY																							
001339	BITS	F464	MACHINE LEARNING																							
001379	BITS	F467	BIOETHICS & BIOSAFETY																							
001073	CE	F211	MECHANICS OF SOLIDS																							
001074	CE	F212	TRANSPORT PHENOMENA																							
001075	CE	F213	SURVEYING																							
001076	CE	F214	CONSTRUCTION MATERIALS																							
001191	CE	F241	ANALYSIS OF STRUCTURES	001073	CE	F211	MECHANICS OF SOLIDS	PRE																		
001192	CE	F242	CONSTRUCTION PLAN & TECH																							
001193	CE	F243	SOIL MECHANICS																							
001194	CE	F244	HIGHWAY ENGINEERING																							
001195	CE	F311	DES OF CONCRETE STRUCT	001073	CE	F211	MECHANICS OF SOLIDS	PRE																		
001196	CE	F312	HYDRAULIC ENGINEERING	001074	CE	F212	TRANSPORT PHENOMENA	PRE																		

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001197	CE	F313	FOUNDATION ENGINEERING	001193	CE	F243	SOIL MECHANICS	PRE																		
001215	CE	F323	INTRO TO ENVIRN ENGG																							
001217	CE	F324	NUMERICAL ANALYSIS																							
001198	CE	F341	HYDRO & WATER RES ENGG	001074	CE	F212	TRANSPORT PHENOMENA	PRE																		
001199	CE	F342	WATER & WASTEWATER TREAT																							
001200	CE	F343	DES OF STEEL STRUCTURES	001073	CE	F211	MECHANICS OF SOLIDS	PRE																		
001214	CE	F411	OPER RESEARCH FOR ENGIN	001012	MATH	F113	PROBABILITY & STATISTICS	PRE																		
001229	CE	F412	DISASTER MANAGEMENT																							
001216	CE	F413	ADV STRUCTURAL DESIGN	001195	CE	F311	DES OF CONCRETE STRUCT	PRE	AND	001200	CE	F343	DES OF STEEL STRUCTUR	CO												
001223	CE	F415	DES OF PREST CONC STRUCT	001195	CE	F311	DES OF CONCRETE STRUCT	CO																		
001230	CE	F416	COMP APPLI IN CIVIL ENGG																							
001231	CE	F417	APP OF AI IN CIVIL ENGG																							
001232	CE	F419	GEOTECH EQ ENG & MC FOUN	001193	CE	F243	SOIL MECHANICS	PRE																		
001233	CE	F420	INTRO TO BRIDGE ENGG	001195	CE	F311	DES OF CONCRETE STRUCT	CO	AND	001200	CE	F343	DES OF STEEL STRUCTUR	PRE												
001235	CE	F421	A & D OF FRP REIN CON ST	001073	CE	F311	DES OF CONCRETE STRUCT	CO																		
001236	CE	F423	GREEN BUILD & ENER CONSE																							
001218	CE	F425	AIRPORT RAIL & WATERWAYS																							
001221	CE	F426	GEOSYN & REIN SOIL STR	001193	CE	F243	SOIL MECHANICS	PRE																		
001222	CE	F427	SYSTEM MODELING & ANAL																							
001224	CE	F428	EARTHQUAKE RES DES & CON	001195	CE	F311	DES OF CONCRETE STRUCT	CO																		
001225	CE	F429	DES OF FOUNDATION SYSTEM	001193	CE	F243	SOIL MECHANICS	PRE																		
001226	CE	F430	DES OF ADV CONC STRUCT	001195	CE	F311	DES OF CONCRETE STRUCT	PRE																		

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001227	CE	F431	PRIN OF GEO INFO SYS																							
001219	CE	F432	STRUCTURAL DYNAMICS	001191	CE	F241	ANALYSIS OF STRUCTURES	PRE																		
001228	CE	F433	REMOTE SENS & IMAGE PROC																							
001220	CE	F434	ENV IMPACT ASSESSMENT																							
001234	CE	F435	INTRODUCTION TO FEM	001191	CE	F241	ANALYSIS OF STRUCTURES	PRE																		
001069	CHE	F211	CHEMICAL PROCESS CALCULA																							
001072	CHE	F212	FLUID MECHANICS																							
001071	CHE	F213	CHEM ENGG THERMODYNAMICS	001004	BITS	F111	THERMODYNAMICS	PRE																		
001070	CHE	F214	ENGINEERING CHEMISTRY	001007	CHEM	F111	GENERAL CHEMISTRY	PRE																		
001180	CHE	F241	HEAT TRANSFER																							
001181	CHE	F242	NUM METHOD FOR CHEM ENGG	001022	MATH	F211	MATHEMATICS III	PRE																		
001182	CHE	F243	MATERIAL SCIENCE & ENGG																							
001183	CHE	F244	SEPARATION PROCESSES I																							
001184	CHE	F311	KINETICS & REACTOR DESIG																							
001185	CHE	F312	CHEMICAL ENGG LAB I	001070	CHE	F214	ENGINEERING CHEMISTRY	CO	AND	001072	CHE	F212	FLUID MECHANICS	CO	AND	001180	CHE	F241	HEAT TRANSFER	CO	AND	001183	CHE	F244	SEPARATION PROCE	CO
001186	CHE	F313	SEPARATION PROCESSES II	001183	CHE	F244	SEPARATION PROCESSES I																			
001187	CHE	F314	PROCESS DES PRINCIPLES I																							
001188	CHE	F341	CHEMICAL ENGG LAB II	001184	CHE	F311	KINETICS & REACTOR DESIG	CO	AND	001185	CHE	F312	CHEMICAL ENGG LAB I	PRE	AND	001186	CHE	F313	SEPARATION PROCESSES	CO	AND	001189	CHE	F342	PROCESS DYN &	CO
001189	CHE	F342	PROCESS DYN & CONTROL																							
001190	CHE	F343	PROCESS DES PRINCIPLE II	001187	CHE	F314	PROCESS DES PRINCIPLES I	PRE	AND	001186	CHE	F313	SEPARATION PROCESSE	PRE												
001206	CHE	F411	ENVIR POLLUTION CONTROL	001183	CHE	F244	SEPARATION PROCESSES I	PRE																		
001207	CHE	F412	PROCESS EQUIPMENT DESIGN	001188	CHE	F341	CHEMICAL ENGG LAB II	CO																		

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001204	CHE	F413	PROCESS PLANT SAFETY	001188	CHE	F341	CHEMICAL ENGG LAB II	CO																		
001201	CHE	F414	TRANSPORT PHENOMENA	001072	CHE	F212	FLUID MECHANICS	PRE	AND	001180	CHE	F241	HEAT TRANSFER	PRE	AND	001183	CHE	F244	SEPARATION PROCESSES	PRE						
001210	CHE	F415	MOLEC & STAT THERMODYN	001071	CHE	F213	CHEM ENGG THERMODYNAMICS	PRE																		
001211	CHE	F416	PROCESS PLANT DES PRO I	001185	CHE	F312	CHEMICAL ENGG LAB I	PRE																		
001212	CHE	F417	PROCESS PLANT DES PRO II	001188	CHE	F341	CHEMICAL ENGG LAB II	PRE																		
001213	CHE	F418	MODEL & SIMU IN CHE ENGG	001188	CHE	F341	CHEMICAL ENGG LAB II	PRE																		
001203	CHE	F419	CHEMICAL PROCESS TECH	001188	CHE	F341	CHEMICAL ENGG LAB II	CO																		
001205	CHE	F421	BIOCHEMICAL ENGINEERING	001184	CHE	F311	KINETICS & REACTOR DESIG	CO																		
001202	CHE	F433	CORROSION ENGINEERING	001070	CHE	F214	ENGINEERING CHEMISTRY	PRE	AND	001182	CHE	F243	MATERIAL SCIENCE & ENGG	PRE												
001208	CHE	F471	ADVANCE PROCESS CONTROL	001189	CHE	F342	PROCESS DYN & CONTROL	PRE																		
001209	CHE	F491	SPECIAL PROJECTS					PRE																		
	CHE	G511	Fluidization Engineering		CHE	F311	Kinetics & Reactor Design	PRE																		
	CHE	G512	Petroleum Refining and Petrochemicals		CHE	F312	Chemical Engineering Lab I	PRE																		
	CHE	G513	Environmental Management Systems																							
	CHE	G522	Polymer Technology		CHE	F311	Kinetics & Reactor Design	PRE																		
	CHE	G523	Mathematical Methods in Chemical		CHE	F312	Chemical Engineering Lab I	PRE																		
	CHE	G524	Introduction to Multiphase flow		CHE	F414	Transport Phenomena	PRE																		
	CHE	G526	Nuclear Engineering		CHE	F312	Chemical Engineering Lab I	PRE																		
	CHE	G527	Energy Conservation and Management																							
	CHE	G528	Introduction to Nanoscience & Technology		CHE	F243	Material Science & Engineering	PRE																		
	CHE	G529	Paper and Pulp Technology		CHE	F314	Process Design Principles I	PRE																		
	CHE	G532	Alternate Energy Resources																							

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	CHE	G533	Petroleum Product Characterization		CHE	F312	Chemical Engineering Lab I	PRE																		
	CHE	G551	Advanced Separation Technology		CHE	F313	Separation Processes II	PRE																		
	CHE	G613	Advanced Mass Transfer		CHE	F244	Separation Processes I	PRE																		
	CHE	G614	Advanced Heat Transfer		CHE	F312	Chemical Engineering Lab I	PRE																		
	CHE	G616	Petroleum Reservoir Engineering																							
	CHE	G617	Petroleum Refinery Engineering		CHE	F341	Chemical Engineering Lab II	PRE																		
	CHE	G618	Petroleum Downstream Processing		CHE	F314	Process Design Principles I	PRE																		
	CHE	G619	Process Intensification		CHE	F343	Process Design Principles II	PRE																		
	CHE	G620	Energy Integration Analysis		CHE	F343	Process Design Principles II	PRE																		
	CHE	G622	Advanced Chemical Engineering		CHE	F213	Chemical Engineering Thermodynamics	PRE																		
	CHE	G641	Reaction Engineering		CHE	F311	Kinetics & Reactor Design	PRE																		
001006	CHEM	F110	CHEMISTRY LABORATORY																							
001007	CHEM	F111	GENERAL CHEMISTRY																							
001116	CHEM	F211	PHYSICAL CHEMISTRY I																							
001117	CHEM	F212	ORGANIC CHEMISTRY I																							
001118	CHEM	F213	PHYSICAL CHEMISTRY II																							
001119	CHEM	F214	INORGANIC CHEMISTRY I																							
001569	CHEM	F223	COLLOID & SURFACE CHEM																							
001554	CHEM	F241	INORGANIC CHEMISTRY II																							
001555	CHEM	F242	CHEMICAL EXPERIMENTATION I																							
001556	CHEM	F243	ORGANIC CHEMISTRY II																							
001557	CHEM	F244	PHYSICAL CHEMISTRY III	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		

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001559	CHEM	F311	ORGANIC CHEMISTRY III	001117	CHEM	F212	ORGANIC CHEMISTRY I	PRE/CO																		
001560	CHEM	F312	PHYSICAL CHEMISTRY IV																							
001558	CHEM	F313	INSTRU METHODS OF ANAL																							
001570	CHEM	F323	BIOPHYSICAL CHEMISTRY																							
001571	CHEM	F324	NUMERICAL METHOD IN CHEM																							
001572	CHEM	F325	POLYMER CHEMISTRY																							
001575	CHEM	F326	SOLID STATE CHEMISTRY																							
001577	CHEM	F327	ELECTROCHEM FUNDA & APPL																							
001579	CHEM	F328	SUPRAMOLECULAR CHEMISTRY																							
001580	CHEM	F329	ANALYTICAL CHEMISTRY																							
001582	CHEM	F330	PHOTOPHYSICAL CHEMISTRY	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		
001583	CHEM	F333	CHEMISTRY OF MATERIALS																							
001584	CHEM	F334	MAGNETIC RESONANCE	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE	AND	001127	PHY	F212	ELECTROMAGNETIC THEO I	PRE												
001585	CHEM	F335	ORGANIC CHEM & DRUG DES	001562	CHEM	F311	ORGANIC CHEMISTRY III	PRE/CO																		
001586	CHEM	F336	NANOCHEMISTRY																							
001587	CHEM	F337	GREEN CHEM & CATALYSIS																							
001561	CHEM	F341	CHEMICAL EXPERIMENTATION II																							
001562	CHEM	F342	ORGANIC CHEMISTRY IV																							
001563	CHEM	F343	INORGANIC CHEMISTRY III																							
001573	CHEM	F412	PHOTOCHEM & LASER SPECTR	001118	CHEM	F213	PHYSICAL CHEMISTRY II	PRE																		
001576	CHEM	F413	E COREL IN ATOM & MOLEC	001557	CHEM	F244	PHYSICAL CHEMISTRY III	PRE																		
001578	CHEM	F414	BIO & CHEMICAL SENSORS																							

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001581	CHEM	F415	FRONTIERS IN ORGANIC SYN	001559	CHEM	F311	ORGANIC CHEMISTRY III	PRE/CO																		
001574	CHEM	F422	STATISTICAL THERMODYNAM	001116	CHEM	F211	PHYSICAL CHEMISTRY I	PRE																		
001008	CS	F111	COMPUTER PROGRAMMING																							
001094	CS	F211	DATA STRUCTURES & ALGO	001091	CS	F222	DISCR STRUC FOR COMP SCI	PRE	OR	001123	MATH	F213	DISCRETE MATHEMATICS	PRE												
001095	CS	F212	DATABASE SYSTEMS																							
001092	CS	F213	OBJECT ORIENTED PROG	001008	CS	F111	COMPUTER PROGRAMMING	PRE																		
001090	CS	F214	LOGIC IN COMPUTER SC																							
001093	CS	F215	DIGITAL DESIGN																							
001091	CS	F222	DISCR STRUC FOR COMP SCI																							
001313	CS	F241	MICROPROC & INTERFACING																							
001316	CS	F301	PRINCIPLES OF PROGG LANG	001094	CS	F211	DATA STRUCTURES & ALGO	PRE																		
001320	CS	F303	COMPUTER NETWORKS	001315	CS	F372	OPERATING SYSTEMS	PRE																		
001321	CS	F314	SOFT DEV FOR PORT DEVICE																							
001317	CS	F342	COMPUTER ARCHITECTURE	001313	CS	F241	MICROPROC & INTERFACING	PRE	AND	001093	CS	F215	DIGITAL DESIGN	PRE												
001314	CS	F351	THEORY OF COMPUTATION	001091	CS	F222	DISCR STRUC FOR COMP SCI	PRE	AND	001090	CS	F214	LOGIC IN COMPUTER SC	PRE												
001318	CS	F363	COMPILER CONSTRUCTION	001314	CS	F351	THEORY OF COMPUTATION	PRE	AND	001316	CS	F301	PRINCIPLES OF PROGG	PRE												
001319	CS	F364	DESIGN & ANAL OF ALGO	001094	CS	F211	DATA STRUCTURES & ALGO	PRE																		
001315	CS	F372	OPERATING SYSTEMS																							
001327	CS	F401	MULTIMEDIA COMPUTING																							
001333	CS	F407	ARTIFICIAL INTELLIGENCE																							
001328	CS	F413	INTERNETWORKING TECHNOLOG																							
001322	CS	F415	DATA MINING																							

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001323	CS	F422	PARALLEL COMPUTING																							
001324	CS	F424	SOFTWARE FOR EMBEDED SYS																							
001325	CS	F441	SEL TOPICS FROM COMP SC																							
001326	CS	F446	DATA STORAGE TECH & NETW																							
001380	ECE	F211	ELECTRICAL MACHINES		EEE	F111	ELECTRICAL SCIENCES	PRE																		
001381	ECE	F212	ELECTROMAGNETIC THEO I																							
001383	ECE	F214	ELECTRONIC DEVICES		EEE	F111	ELECTRICAL SCIENCES	PRE																		
001382	ECE	F215	DIGITAL DESIGN																							
001384	ECE	F241	MICROPROC & INTERFACING																							
001385	ECE	F242	CONTROL SYSTEMS																							
001386	ECE	F243	SIGNALS & SYSTEMS																							
001387	ECE	F244	MICROELECTRONIC CIRCUITS																							
001389	ECE	F311	COMMUNICATION SYSTEMS		ECE	F243	SIGNALS & SYSTEMS	PRE																		
001388	ECE	F314	EM FIELDS & MICRO ENGG																							
001391	ECE	F341	ANALOG ELECTRONICS		ECE	F244	MICROELECTRONIC CIRCUITS	PRE																		
001390	ECE	F344	INFO THEORY & CODING		EEE	F243	SIGNALS & SYSTEM	PRE																		
001395	ECE	F414	TELECOM SWIT SYS & NETWK																							
001396	ECE	F416	DIGITAL COMMUNICATION																							
001397	ECE	F418	MOD COMMUNICATION TECH		ECE	F243	SIGNALS & SYSTEMS	PRE																		
001394	ECE	F431	MOBILE TELECOM NETWORKS		ECE	F243	SIGNALS & SYSTEMS	PRE																		
001392	ECE	F434	DIGITAL SIGNAL PROCESS		ECE	F243	SIGNALS & SYSTEMS	PRE																		
001393	ECE	F472	SATELLITE COMMUNICATION		ECE	F243	SIGNALS & SYSTEMS	PRE																		

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001023	ECON	F211	PRINCIPLES OF ECONOMICS																							
001120	ECON	F212	FUNDA OF FIN AND ACCOUNT																							
001121	ECON	F213	MATHEMATIC & STAT METHOD																							
001145	ECON	F214	ECONOMIC ENV OF BUSINESS																							
001442	ECON	F241	ECONOMETRIC METHODS																							
001443	ECON	F242	MICROECONOMICS	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001444	ECON	F243	MACROECONOMICS	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001445	ECON	F244	ECONOMIC OF GROWTH & DEV	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001446	ECON	F311	INTERNATIONAL ECONOMICS	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001447	ECON	F312	MONEY BANK & FIN MARKETS	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001448	ECON	F313	ISSUES IN ECONOMIC DEV	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001449	ECON	F341	PUBLIC FIN THEO & POLICY	001023	ECON	F211	PRINCIPLES OF ECONOMICS	PRE																		
001450	ECON	F342	APPLIED ECONOMETRICS	001442	ECON	F241	ECONOMETRIC METHODS	PRE																		
001451	ECON	F343	ECONOMIC ANAL OF PUB POL																							
001452	ECON	F351	INDIAN ECONOMIC DEV																							
001546	ECON	F352	MGMT OF BANKS & FIN INST																							
001564	ECON	F353	ENERGY ECONOMIC & POLICY																							
001565	ECON	F354	DERIVATIVES & RISK MGMT																							
001547	ECON	F355	BUSS ANAL & VALUATION																							
001548	ECON	F356	STRATEGIC FINANCIAL MGMT																							
001549	ECON	F357	MGMT CONTROL SYSTEM																							
001550	ECON	F411	PROJECT APPRAISAL																							

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001566	ECON	F412	SECUR ANAL & PORTFOL MGT																							
001551	ECON	F413	FINANCIAL ENGINEERING	001565	ECON	F354	DERIVATIVES & RISK MGMT	PRE																		
001552	ECON	F414	CREAT & LEAD ENTREP ORGN																							
001553	ECON	F415	NEW VENTURE CREATION																							
001590	ECON	F416	REGIONAL ECONOMICS																							
001567	ECON	F422	FUNT & WORK STOCK EXCHAN																							
001568	ECON	F471	RESOURCES & ENVIR ECON																							
001009	EEE	F111	ELECTRICAL SCIENCES																							
001077	EEE	F211	ELECTRICAL MACHINES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001078	EEE	F212	ELECTROMAGNETIC THEO I																							
001080	EEE	F214	ELECTRONIC DEVICES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001079	EEE	F215	DIGITAL DESIGN																							
001238	EEE	F241	MICROPROC & INTERFACING																							
001239	EEE	F242	CONTROL SYSTEMS																							
001240	EEE	F243	SIGNALS & SYSTEMS																							
001241	EEE	F244	MICROELECTRONIC CIRCUITS																							
001889	EEE	F245	CONTROL SYSTEM LABORARTORY		EEE	F242	CONTROL SYSTEMS	PRE																		
001900	EEE	F246	ELECTRIC & ELECTRONIC CIR LAB		EEE	F243	SIGNALS & SYSTEMS	PRE	AND		EEE	F244	MICROELECTRONIC CIRCUITS	PRE												
001242	EEE	F311	COMMUNICATION SYSTEMS	001240	EEE	F243	SIGNALS & SYSTEMS	PRE																		
001244	EEE	F312	POWER SYSTEMS																							
001243	EEE	F313	ANALOG & DIGIT VLSI DES	001241	EEE /ECE	F244	MICROELECTRONIC CIRCUITS	PRE																		
001245	EEE	F341	ANALOG ELECTRONICS	001241	EEE	F244	MICROELECTRONIC CIRCUITS	PRE																		

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001246	EEE	F342	POWER ELECTRONICS																							
001251	EEE	F345	POWER APPARATUS & NETWK	001077	EEE/ INSTR / ECE	F211	ELECTRICAL MACHINES	PRE																		
001255	EEE	F346	DATA COMMUNIC & NETWORKS																							
001902	EEE	F348	FPGA BASED SYSTEM DESIGN LAB		EEE	F215	DIGITAL DESIGN	PRE	AND		EEE	F243	SIGNALS & SYSTEMS	PRE												
001252	EEE	F414	TELECOM SWIT SYS & NETWK																							
001260	EEE	F416	DIGITAL COMMUNICATION	001242																						
001261	EEE	F418	MOD COMMUNICATION TECH	001242	EEE/ INSTR	F243	SIGNALS & SYSTEMS	PRE																		
001254	EEE	F422	MODERN CONTROL SYSTEMS	001239	EEE/ ECE/ INSTR	F242	CONTROL SYSTEMS	PRE																		
001258	EEE	F425	POWER SYS ANAL & CONTROL																							
001259	EEE	F426	FIBRE OPTICS & OPTOELECT																							
001262	EEE	F427	ELEC POWER UTIL & ILLUM																							
001250	EEE	F431	MOBILE TELECOM NETWORKS	001240	EEE/ INSTR	F243	SIGNALS & SYSTEMS	PRE																		
001247	EEE	F432	MEDICAL INSTRUMENTATION																							
001253	EEE	F433	ELECTR MAG FIELD & WAVES	001078	EEE/ INSTR	F212	ELECTROMAGNETIC THEO	PRE		1127	PHY	F212	ELECTROMAGNETIC THEO													
001256	EEE	F434	DIGITAL SIGNAL PROCESS	001240	EEE	F243	SIGNALS & SYSTEMS	PRE																		
001257	EEE	F435	DIGITAL IMAGE PROCESSING																							
001249	EEE	F472	SATELLITE COMMUNICATION	001242	EEE/ INSTR	F243	SIGNALS & SYSTEMS	PRE																		
001901	EEE	F478	POWER SYSTEMS LABORATORY	1244	EEE	F312	POWER SYSTEMS	PRE																		
001143	FIN	F212	FUNDA OF FIN AND ACCOUNT																							
001144	FIN	F213	MATHEMATIC & STAT METHOD																							
001535	FIN	F214	ECONOMIC ENV OF BUSINESS																							
001537	FIN	F242	INTRO TO FINANCIAL MATH																							

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001538	FIN	F243	FUNT & WORK STOCK EXCHAN																							
001536	FIN	F244	INDIAN FINANCIAL SYSTEM																							
001539	FIN	F311	DERIVATIVES & RISK MGMT																							
001540	FIN	F312	FUND OF TAXATION & AUDIT																							
001545	FIN	F313	SECUR ANAL & PORTFOL MGT																							
001541	FIN	F314	INVEST BANK & FIN SERV																							
001542	FIN	F315	FINANCIAL MANAGEMENT	001143	FIN	F212	FUNDA OF FIN AND ACCOUNT	PRE																		
001543	FIN	F341	INTER FIN MARKETS & SER																							
001544	FIN	F342	PROJECT FINANCE																							
001130	GS	F211	MOD POLITICAL CONCEPTS																							
001131	GS	F212	ENVIRON DEV & CLIMATE CH																							
001132	GS	F213	DEVELOPMENT THEORIES																							
001133	GS	F221	BUSINESS COMMUNICATION																							
001134	GS	F222	LANGUAGE LAB PRACTICE																							
001135	GS	F223	INTRO TO MASS COMM																							
001136	GS	F224	PRINT & AUDIO-VISU ADVER																							
001169	GS	F231	DYN OF SOCIAL CHANGE																							
001170	GS	F232	INTRODUCTORY PSYCHOLOGY																							
001171	GS	F233	PUBLIC POLICY																							
001172	GS	F234	DEVELOPMENT ECONOMICS																							
001158	GS	F241	CREATIVE WRITING																							
001159	GS	F242	CULTURAL STUDIES																							

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001160	GS	F243	CURRENT AFFAIRS																							
001161	GS	F244	REPORT & WRITE FOR MEDIA																							
001165	GS	F245	EFFECTIVE PUBLIC SPEAK																							
001173	GS	F311	INTRO TO CONFLICT MGMT																							
001174	GS	F312	APPLIED PHILOSOPHY																							
001163	GS	F321	MASS MEDIA & CONTENT DES																							
001137	GS	F322	CRITI ANAL OF LIT & CINE																							
001523	GS	F325	JOURNALISM																							
001524	GS	F326	CREATIVE THINKING																							
001525	GS	F327	SELECTED READING																							
001175	GS	F331	TECH IN SOCIAL RESEARCH																							
001176	GS	F332	CONTEMPORARY INDIA																							
001177	GS	F333	PUBLIC ADMINISTRATION																							
001178	GS	F334	GLOBAL BUSINESS TEC & KS																							
001166	GS	F341	COPYWRITING																							
001164	GS	F342	COMPUTER MEDIATED COMM																							
001168	GS	F343	SHORT FILM & VIDEO PROD																							
001518	HIST	F112	MAIN TRENDS IN IND HIST																							
001519	HIST	F211	MAIN CURRENTS OF MOD HIST																							
001149	HSS	F224	PRINT & AUDIO-VISU ADVER																							
001150	HSS	F226	POST MODERNISM																							
001152	HSS	F227	CROSS CULTURAL SKILLS																							

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001520	HSS	F312	BUREAUCRACY																							
001522	HSS	F315	SOCIETY, BUS, & POLITICS																							
001151	HSS	F324	CREATIVE & CRITICAL THIN																							
001155	HSS	F325	CINEMATIC ADAPTATION																							
001153	HSS	F326	HUMANITIES & DESIGN																							
001154	HSS	F327	CONTEMPORARY DRAMA																							
001156	HSS	F341	COPY WRITING																							
001157	HSS	F343	SHORT FILM & VIDEO PROD																							
001514	HUM	F411	PROFESSIONAL ETHICS																							
001515	HUM	F412	HERITAGE OF INDIA																							
001096	INSTR	F211	ELECTRICAL MACHINES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001097	INSTR	F212	ELECTROMAGNETIC THEO I																							
001099	INSTR	F214	ELECTRONIC DEVICES	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001098	INSTR	F215	DIGITAL DESIGN																							
001341	INSTR	F241	MICROPROC & INTERFACING																							
001342	INSTR	F242	CONTROL SYSTEMS																							
001343	INSTR	F243	SIGNALS & SYSTEMS																							
001344	INSTR	F244	MICROELECTRONIC CIRCUITS																							
001345	INSTR	F311	ELECTRO INST & INST TECH																							
001346	INSTR	F312	TRANSD & MEASUREMENT TEC																							
001347	INSTR	F313	ANALOG & DIGIT VLSI DES	001241	INSTR	F244	MICROELECTRONIC CIRCUITS	PRE																		
001348	INSTR	F341	ANALOG ELECTRONICS		INSTR	F244	MICROELECTRONIC CIRCUITS	PRE																		

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001349	INSTR	F342	POWER ELECTRONICS																							
001350	INSTR	F343	INDUS INSTRUMENT & CONT																							
001589	INSTR	F411	OPTO ELECTRONIC INSTRU																							
001353	INSTR	F412	ANALYSIS INSTRUMENTATION	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001354	INSTR	F413	ADVANCE PROCESS CONTROL	001350	INSTR	F343	INDUS INSTRUMENT & CONT	PRE																		
001352	INSTR	F414	TELECOM SWIT SYS & NETWK		INSTR	F243	SIGNALS & SYSTEMS	PRE																		
001355	INSTR	F415	DIGITAL CONTROL	001342	INSTR	F242	CONTROL SYSTEMS	PRE																		
001356	INSTR	F419	VIRTUAL INSTRUMENTATION																							
001357	INSTR	F420	DESIGN OF INSTRU SYSTEMS																							
001358	INSTR	F422	INSTRU FOR PETROCHEM IND																							
001351	INSTR	F432	MEDICAL INSTRUMENTATION																							
001142	IS	F211	DATA STRUCTURES & ALGO	001139	IS	F222	DISCR STRUC FOR COMP SCI	PRE																		
001140	IS	F213	OBJECT ORIENTED PROG	001008	CS	F111	COMPUTER PROGRAMMING	PRE																		
001138	IS	F214	LOGIC IN COMPUTER SC																							
001139	IS	F222	DISCR STRUC FOR COMP SCI																							
001526	IS	F241	DIGITAL ELECTRO & MICRO	001009	EEE	F111	ELECTRICAL SCIENCES	PRE																		
001527	IS	F242	COMPUTER ORGANIZATION	001526	IS	F241	DIGITAL ELECTRO & MICRO	PRE																		
001528	IS	F243	DATABASE SYSTEMS & APPL																							
001531	IS	F301	PRINCIPLES OF PROGG LANG	001142	IS	F211	DATA STRUCTURES & ALGO	PRE																		
001534	IS	F303	COMPUTER NETWORKS	001530	IS	F372	OPERATING SYSTEMS	PRE																		
001532	IS	F311	COMPUTER GRAPHICS																							
001141	IS	F322	SOFTWARE TESTING	001529	IS	F341	SOFTWARE ENGINEERING	PRE																		

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001529	IS	F341	SOFTWARE ENGINEERING	001140	IS	F213	OBJECT ORIENTED PROG	PRE																		
001533	IS	F342	COMPILER DESIGN	001531	IS	F301	PRINCIPLES OF PROGG LANG	PRE																		
001530	IS	F372	OPERATING SYSTEMS																							
001331	IS	F462	NETWORK PROGRAMMING																							
001010	MATH	F111	MATHEMATICS-I																							
001011	MATH	F112	MATHEMATICS-II																							
001012	MATH	F113	PROBABILITY & STATISTICS																							
001022	MATH	F211	MATHEMATICS III																							
001122	MATH	F212	OPTIMIZATION	001010	MATH	F111	MATHEMATICS-I	PRE	AND	001011	MATH	F112	MATHEMATICS-II	PRE												
001123	MATH	F213	DISCRETE MATHEMATICS																							
001124	MATH	F214	ELEMENTARY REAL ANALYSIS																							
001125	MATH	F215	ALGEBRA I																							
001340	MATH	F231	NUMBER THEORY																							
001465	MATH	F241	MATHEMATICAL METHODS																							
001466	MATH	F242	OPERATIONS RESEARCH	001012	MATH	F113	PROBABILITY & STATISTICS	PRE																		
001467	MATH	F243	GRAPHS AND NETWORKS																							
001468	MATH	F244	MEASURE & INTEGRATION	001124	MATH	F214	ELEMENTARY REAL ANALYSIS	PRE																		
001469	MATH	F311	INTRODUCTION TO TOPOLOGY																							
001470	MATH	F312	ORDINARY DIFF EQUATIONS	001022	MATH	F211	MATHEMATICS III	PRE																		
001471	MATH	F313	NUMERICAL ANALYSIS	001010	MATH	F111	MATHEMATICS-I	PRE	AND	001011	MATH	F112	MATHEMATICS-II	PRE												
001475	MATH	F314	ALGEBRA-II	001125	MATH	F215	ALGEBRA I	PRE																		
001472	MATH	F341	INTRO TO FUNCTIONAL ANAL	001124	MATH	F214	ELEMENTARY REAL ANALYSIS	PRE																		

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001473	MATH	F342	DIFFERENTIAL GEOMETRY	001124	MATH	F214	ELEMENTARY REAL ANALYSIS	PRE																		
001474	MATH	F343	PARTIAL DIFF EQUATIONS	001022	MATH	F211	MATHEMATICS III	PRE																		
001479	MATH	F353	STATISTICAL INFER & APP	001012	MATH	F113	PROBABILITY & STATISTICS	PRE																		
001478	MATH	F354	COMPLEX ANALYSIS	001011	MATH	F112	MATHEMATICS-II	PRE																		
001480	MATH	F421	COMBINATORIAL MATHS																							
001481	MATH	F431	DISTRIBUTION THEORY																							
001330	MATH	F441	DISCRETE MATHS STRUC																							
001881	MATH	F444	NUMERICAL SOLS OF ODE		MATH	F211	MATHEMATICS III	PRE	AND		MATH	F313														
001882	MATH	F420	MATHEMATICAL MODELLING		MATH	F211	MATHEMATICS III	PRE																		
001476	MATH	F471	NONLINEAR OPTIMIZATION																							
001477	MATH	F481	COMMUTATIVE ALGEBRA	001475	MATH	F314	ALGEBRA-II	PRE																		
001013	ME	F110	WORKSHOP PRACTICE																							
001083	ME	F211	MECHANICS OF SOLIDS																							
001082	ME	F212	FLUID MECHANICS																							
001081	ME	F213	MATERIALS SCIENCE & ENGG																							
001084	ME	F214	APPLIED THERMODYNAMICS	001004	BITS	F111	THERMODYNAMICS	PRE																		
001085	ME	F215	MECHANICAL ENGG LAB																							
001263	ME	F241	MACHINE DESIGN & DRAWING	001003	BITS	F110	ENGINEERING GRAPHICS	PRE																		
001264	ME	F242	IC ENGINES	001004	BITS	F111	THERMODYNAMICS	PRE																		
001265	ME	F243	PRODUCTION TECHNIQUES I	001013	ME	F110	WORKSHOP PRACTICE	PRE																		
001266	ME	F244	KIN & DYN OF MACHINES																							
001267	ME	F311	HEAT TRANSFER	001082	ME	F212	FLUID MECHANICS	PRE																		

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001268	ME	F312	ADV MECHANICS OF SOLIDS	001083	ME	F211	MECHANICS OF SOLIDS	PRE																		
001269	ME	F313	PRODUCTION TECHNIQUES II	001013	ME	F110	WORKSHOP PRACTICE	PRE																		
001270	ME	F341	PRIMEMOVERS & FLUID MACH	001082	ME	F212	FLUID MECHANICS	PRE	AND	001084	ME	F214	APPLIED THERMODYNAMICS	PRE												
001272	ME	F342	COMPUTER AIDED DESIGN																							
001271	ME	F343	MECHANICAL VIBRATIONS																							
001273	ME	F344	ENGINEERING OPTIMIZATION																							
001274	ME	F411	FLUID POWER SYSTEMS																							
001275	ME	F413	NONLINEAR VIBRATIONS																							
001277	ME	F415	GAS DYNAMICS																							
001278	ME	F416	REV ENG & RAPID PROTOTYP																							
001279	ME	F417	ADVANCED METAL FORMING																							
001280	ME	F418	ROCKET & SPACECRAFT PROP																							
001276	ME	F419	TOTAL PRODUCT INTEG ENGG																							
001281	ME	F420	POWER PLANT ENGINEERING																							
001282	ME	F432	COMPUTER AIDED MANUFACT																							
001283	ME	F441	AUTOMOTIVE VEHICLES																							
001284	ME	F443	QUALI CONTRO ASSUR & REL																							
001285	ME	F451	MECHANICAL EQUIPMENT DES																							
001286	ME	F452	COMPOSITE MATERL & DESIGN																							
001287	ME	F461	REFRIGERATION & AIRCOND																							
001288	ME	F472	PRECISION ENGINEERING																							
001289	ME	F481	PROJECT APPRAISAL																							

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001290	ME	F491	SPECIAL PROJECTS																							
001107	MF	F211	MECHANICS OF SOLIDS																							
001106	MF	F212	FLUID MECHANICS																							
001105	MF	F213	MATERIALS SCIENCE & ENGG																							
001108	MF	F214	APPLIED THERMODYNAMICS	001004	BITS	F111	THERMODYNAMICS	PRE																		
001110	MF	F215	MECHANICAL ENGG LAB																							
001398	MF	F241	MACHINE DESIGN & DRAWING	001003	BITS	F110	ENGINEERING GRAPHICS	PRE																		
001399	MF	F242	MANUFACTURING MANAGEMENT																							
001400	MF	F243	MANUFACTURING PROCESSES	001013	ME	F110	WORKSHOP PRACTICE	PRE																		
001401	MF	F244	KIN & DYN OF MACHINES																							
001402	MF	F311	MECHATRONICS & AUTOMAT																							
001403	MF	F312	TOOL & FIXTURE DESIGN	001013	ME	F110	WORKSHOP PRACTICE	PRE																		
001404	MF	F313	METAL FORMING & MACHINE	001013	ME	F110	WORKSHOP PRACTICE	PRE																		
001405	MF	F341	DESIGN OF MACHINE TOOLS																							
001407	MF	F342	COMPUTER AIDED DESIGN																							
001406	MF	F343	CASTING & WELDING																							
001408	MF	F344	ENGINEERING OPTIMIZATION																							
001409	MF	F411	FLUID POWER SYSTEMS																							
001412	MF	F412	AUTOMOTIVE SYSTEMS																							
001413	MF	F413	MECH VIBRAT & ACOUSTICS																							
001414	MF	F414	MANUFACTURING EXCELLENCE																							
001417	MF	F418	LEAN MANUFACTURING																							

Course ID	Subject	Catalog	Title	Preq1 code	preq1 subject	preq1 catal	pereq1 title	Co /Pre		Preq2 code	preq2 sub	preq2 cat	pereq2 title	Co /Pre		Preq3 code	preq3 no	preq3 cat	pereq3 title	Co /Pre		Preq4 code	preq4 no	preq4 cat	pereq4 title	Co /Pre
001418	MF	F421	SUPPLY CHAIN MANAGEMENT																							
001415	MF	F442	ADV IN MATERIALS SCIENCE																							
001416	MF	F453	INDUSTRIAL RELATIONS																							
001411	MF	F463	MAINTENANCE & SAFETY																							
001410	MF	F471	INSTRU & CONTROL																							
001419	MF	F472	PRECISION ENGINEERING																							
001420	MF	F473	PRODUCT DESIGN & DEVELOP																							
001421	MF	F474	PRODUCT DES & DEV PROJ																							
001422	MF	F491	SPECIAL PROJECTS																							
001024	MGTS	F211	PRINCIPLES OF MANAGEMENT																							
001086	PHA	F211	PHARMACEUTICAL ANALYSIS																							
001089	PHA	F212	DISPENSING PHARMACY																							
001088	PHA	F213	MICROBIOLOGY																							
001087	PHA	F214	ANATOMY PHYSIO & HYGIENE																							
001291	PHA	F241	PHARMACEUTICAL CHEMISTRY																							
001292	PHA	F242	BIOLOGICAL CHEMISTRY																							
001293	PHA	F243	INDUSTRIAL PHARMACY																							
001294	PHA	F244	PHYSICAL PHARMACY																							
001295	PHA	F311	PHARMACOLOGY I	001087	PHA	F214	ANATOMY PHYSIO & HYGIENE	PRE																		
001297	PHA	F312	MEDICINAL CHEMISTRY I																							
001299	PHA	F313	INSTRU METHODS OF ANAL																							
001300	PHA	F314	PHARMA FORMUL & BIOPHARM																							

Course ID	Subject	Catalog	Title	Preq1 code	preq1 subject	preq 1 catal	pereq1 title	Co /Pre		Preq2 code	preq2 sub	preq 2 cat	pereq2 title	Co /Pre		Preq3 code	preq3 no	preq3 cat	pereq3 title	Co /Pre		Preq4 code	preq4 no	preq4 cat	pereq 4 title	Co /Pre
001296	PHA	F341	PHARMACOLOGY II	001295	PHA	F311	PHARMACOLOGY I	PRE																		
001298	PHA	F342	MEDICINAL CHEMISTRY II	001297	PHA	F312	MEDICINAL CHEMISTRY I	PRE																		
001301	PHA	F343	FORENSIC PHARMACY																							
001302	PHA	F344	NATURAL DRUGS																							
001303	PHA	F413	PHARMA MANG & QUAL CONTR																							
001304	PHA	F414	BIOPHARMACEUTICS	001300	PHA	F314	PHARMA FORMUL & BIOPHARM	PRE																		
001305	PHA	F415	PATHOPHYSIOLOGY	001087	PHA	F214	ANATOMY PHYSIO & HYGIENE	PRE	AND	001292	PHA	F242	BIOLOGICAL CHEMISTR	PRE												
001306	PHA	F416	CHEM OF SYNTHETIC DRUGS	001291	PHA	F241	PHARMACEUTICAL CHEMISTRY	PRE																		
001307	PHA	F417	PHARMACOECONOMICS																							
001308	PHA	F422	COSMETIC SCIENCE																							
001309	PHA	F432	HOSPITAL PHARMACY																							
001310	PHA	F441	BIOCHEMICAL ENGINEERING	1292	PHA	F242	BIOLOGICAL CHEMISTRY	PRE																		
001311	PHA	F442	APPLIED PHARMA CHEMISTRY	001291	PHA	F241	PHARMACEUTICAL CHEMISTRY	PRE																		
001312	PHA	F461	PHYTOCHEMISTRY	001302	PHA	F344	NATURAL DRUGS	PRE																		
001521	PHIL	F211	INTRODUCTORY PHILOSOPHY																							
001513	PHIL	F221	SYMBOLIC LOGIC																							
001014	PHY	F110	PHYSICS LABORATORY																							
001015	PHY	F111	MECH OSCIL & WAVES																							
001126	PHY	F211	CLASSICAL MECHANICS	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001127	PHY	F212	ELECTROMAGNETIC THEO I	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001128	PHY	F213	OPTICS	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001129	PHY	F214	ELEC MAGNET & OPTICS LAB																							

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001493	PHY	F215	INTRO TO ASTRO & ASTROPH	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001482	PHY	F241	ELECTROMAGNETIC THEO II	001127	PHY	F212	ELECTROMAGNETIC THEO I	PRE																		
001483	PHY	F242	QUANTUM MECHANICS I	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001484	PHY	F243	MATH METHODS OF PHYSICS	001010	MATH	F111	MATHEMATICS-I	PRE	AND	001011	MATH	F112	MATHEMATICS-II	PRE	AND	001022	MATH	F211	MATHEMATICS III	PRE						
001485	PHY	F244	MODERN PHYSICS LAB																							
001486	PHY	F311	QUANTUM MECHANICS II	001483	PHY	F242	QUANTUM MECHANICS I	PRE																		
001487	PHY	F312	STATISTICAL MECHANICS	001483	PHY	F242	QUANTUM MECHANICS I	PRE																		
001488	PHY	F313	COMPUTATIONAL PHYSICS	001010	MATH	F111	MATHEMATICS-I	PRE	AND	001011	MATH	F112	MATHEMATICS-II	PRE	AND	001022	MATH	F211	MATHEMATICS III	PRE						
001494	PHY	F315	THEORY OF RELATIVITY	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001489	PHY	F341	SOLID STATE PHYSICS	001487	PHY	F312	STATISTICAL MECHANICS	PRE																		
001490	PHY	F342	ATOMIC & MOLECULAR PHY	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001486	PHY	F311	QUANTUM MECHANICS II	PRE												
001491	PHY	F343	NUCLEAR & PARTICLE PHY	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001486	PHY	F311	QUANTUM MECHANICS II	PRE	AND	001127	PHY	F212	ELECTROMAGNETIC THEO I	PRE						
001492	PHY	F344	ADVANCED PHYSICS LAB																							
001495	PHY	F412	INTRO TO QUAN FIELD THEO	001126	PHY	F211	CLASSICAL MECHANICS	PRE	AND	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001486	PHY	F311	QUANTUM MECHANICS II	PRE						
001496	PHY	F413	PARTICLE PHYSICS	001483	PHY	F242	QUANTUM MECHANICS I	PRE		001486	PHY	F311	QUANTUM MECHANICS II	PRE												
001497	PHY	F414	PHYSICS OF ADV MATERIALS																							
001498	PHY	F415	GEN THEO OF REL & COSMO	001022	MATH	F211	MATHEMATICS III	PRE	AND(	001494	PHY	F315	THEORY OF RELATIVITY	PRE	OR	001482	PHY	F241	ELECTROMAGNETIC THEO II	PRE	)					
001499	PHY	F416	SOFT CONDEN MATTER PHY																							
001500	PHY	F417	EXPT METHODS OF PHYSICS																							
001501	PHY	F418	LASERS AND APPLICATIONS	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001127	PHY	F212	ELECTROMAGNETIC THEO I	PRE												
001502	PHY	F419	ADV SOLID STATE PHYSICS	001486	PHY	F311	QUANTUM MECHANICS II	PRE	AND	001489	PHY	F341	SOLID STATE PHYSICS	PRE												
001504	PHY	F420	QUANTUM OPTICS	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001486	PHY	F311	QUANTUM MECHANICS II	PRE												

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001505	PHY	F421	ADV QUANTUM MECHANICS	001486	PHY	F311	QUANTUM MECHANICS II	PRE	AND	001482	PHY	F241	ELECTROMAGNETIC THEO II	PRE												
001503	PHY	F422	GROUP THEORY & APPLI	001483	PHY	F242	QUANTUM MECHANICS I	PRE	AND	001486	PHY	F311	QUANTUM MECHANICS II	PRE	AND	001484	PHY	F243	MATH METHODS OF	PRE						
001506	PHY	F423	SPECIAL TOP IN STAT MECH	001487	PHY	F312	STATISTICAL MECHANICS	PRE																		
001507	PHY	F424	ADVANCED ELECTRODYNAMICS	001484	PHY	F243	MATH METHODS OF PHYSICS	PRE																		
001508	PHY	F425	ADV MATH METHODS OF PHY	001484	PHY	F243	MATH METHODS OF PHYSICS	PRE																		
001509	PHY	F426	PHY OF SEMICONDUCTOR DEV	001489	PHY	F341	SOLID STATE PHYSICS	PRE																		
001510	PHY	F427	ATMOSPHERIC PHYSICS	001015	PHY	F111	MECH OSCIL & WAVES	PRE																		
001516	POL	F311	GANDHIAN THOUGHTS																							
001517	POL	F321	INTERNATIONAL RELATIONS																							