

Jefferson College and Lindenwood University

LCIE TRANSFER EQUIVALENCIES

2014-2015

Jefferson Community College courses	LU Dept	LU Course #	Lindenwood Course Title		
ART 101	Art Appreciation	IRT	21000	Concepts of Visual Arts	GE-FineArt
ART 103	Survey of Art I	GE	10005/10009	humanities cluster-fine arts or cross cultural cluster-cross cultural	GE-FineArt/CrsClt
ART 105	Survey of Art II	GE	10005/10009	humanities cluster-fine arts or cross cultural cluster-cross cultural	GE-FineArt/CrsClt
ART 107	Modern Art	ELECT	10000	Free Elective	
ART 112	Intro to Art	GE	10005	humanities cluster-fine arts	GE-FineArt
ART 115	Drawing I	ELECT	10000	Free Elective	
ART 117	Watercolor I	ELECT	10000	Free Elective	
ART 120	Design I	ELECT	10000	Free Elective	
ART 121	Design II	ELECT	10000	Free Elective	
ART 123	Ceramics/Pottery I	GE	10005	humanities cluster-fine arts	GE-FineArt
ART 141	Painting I	ELECT	10000	Free Elective	
ART 142	Painting II	ELECT	10000	Free Elective	
ART 146	Drawing II	ELECT	10000	Free Elective	
ART 150	Digital Photography I	GE	10005	humanities cluster-fine arts	GE-FineArt
ART 151	Printmaking I	ELECT	10000	Free Elective	
ART 152	Digital Art Studio	ELECT	10000	Free Elective	
ART 160	Graphic Design I	ELECT	10000	Free Elective	
ART 170	Graphic Design II	ELECT	10000	Free Elective	
ART 217	Watercolor II	ELECT	10000	Free Elective	
ART 223	Drawing III	ELECT	10000	Free Elective	
ART 225	Watercolor III	ELECT	10000	Free Elective	
ART 243	Painting III	ELECT	10000	Free Elective	
ART 250	Digital Photography II	ELECT	10000	Free Elective	
ART 252	Printmaking II	ELECT	10000	Free Elective	
ART 260	Graphic Design III	ELECT	10000	Free Elective	
ART 262	Ceramics/Pottery II	ELECT	10000	Free Elective	
ART 263	Ceramics/Pottery III	ELECT	10000	Free Elective	
ART 265	Digital Photography III	ELECT	10000	Free Elective	
ART 270	Graphic Design IV	ELECT	10000	Free Elective	
ART 281	Studio Art	ELECT	10000	Free Elective	
AUT 100-258	Automotive Technology (Change in Course #)			Technical Credits	
BET 200	Electronic Control Technology	ELECT	10000	Free Elective	
BET 205	Regs & Public Safety in Healthcare Syst.	ELECT	10000	Free Elective	
BET 210	Lasers and Optics	ELECT	10000	Free Elective	
BET 215	Biomedical Physics and Device Tech.	ELECT	10000	Free Elective	
BET 220	Diagnostic Imaging	ELECT	10000	Free Elective	
BET 225	Biomedical Instrumentation Systems (4)	ELECT	10000	Free Elective	
BET 240	Biomedical Electronics Tech Internship	ELECT	10000	Free Elective	
BIO 101	General Biology (5)	GE	10017	natural science cluster-biology w/lab	GE-BioSci w/lab
BIO 102	Concepts in Biology	GE	10018	natural science cluster-biology w/out lab	GE-BioSci w/out lab
BIO 109	Ecology & Enviro Conservation	ELECT	10000	Free Elective	
BIO 113	Microbiology/Hlth Svcs (4)	ELECT	10000	Free Elective	
BIO 116	Anatomy & Phys/Pre-Hospital Healthcare	GE	10018	natural science cluster-biology w/out lab	GE-BioSci w/out lab
BIO 120	Human Anatomy & Physiology (5)	GE	10017	natural science cluster-biology w/lab	GE-BioSci w/lab
BIO 201	Genetics (4)	ELECT	10000	Free Elective	
BIO 205	General Botany (5)	ELECT	10000	Free Elective	
BIO 206	General Zoology (5)	ELECT	10000	Free Elective	
BIO 207	Vertebrate Anatomy (4)	ELECT	10000	Free Elective	
BIO 208	Vertebrate Physiology (4)	ELECT	10000	Free Elective	
BIO 211	Anatomy & Physiology I (4)	GE	10017	natural science cluster-biology w/lab	GE-BioSci w/lab
BIO 212	Anatomy & Physiology II (4)	ELECT	10000	Free Elective	
BIO 215	General Microbiology (5)	ELECT	10000	Free Elective	
BIO 224	Field Biology (4)	ELECT	10000	Free Elective	
BIO 245	Pathophysiology (3)	ELECT	10000	Free Elective	
BIT 100	Keyboarding Skill Building (1)	ELECT	10000	Free Elective	
BIT 102	Operating System Applications (1)	ELECT	10000	Free Elective	
BIT 105	Business Language Skills	ELECT	10000	Free Elective	
BIT 110	Keyboarding Speedbuilding (1)	ELECT	10000	Free Elective	
BIT 112	Job Search for the Professional (2)	ELECT	10000	Free Elective	
BIT 114	Professional Image (1)	ELECT	10000	Free Elective	
BIT 120	Human Relations in Bus & Industry (2)	ELECT	10000	Free Elective	
BIT 121	Legal Terminology	ELECT	10000	Free Elective	
BIT 122	Medical Terminology	ELECT	10000	Free Elective	
BIT 125	Spreadsheet Applications	ELECT	10000	Free Elective	
BIT 128	Computer Service (2)	ELECT	10000	Free Elective	
BIT 130	Administrative Business Procedures	ELECT	10000	Free Elective	
BIT 131	Admin Bus Procedures-Legal Professional	ELECT	10000	Free Elective	
BIT 132	Admin Procedures-Medical Professional	ELECT	10000	Free Elective	
BIT 135	Administrative Financial Procedures	ELECT	10000	Free Elective	
BIT 138	Word Processing Applications I	ELECT	10000	Free Elective	

BIT 140	Internet Communications	ELECT	10000	Free Elective	
BIT 145	Database Applications (2)	ELECT	10000	Free Elective	
BIT 150	Proofreading/Editing Essentials (1)	ELECT	10000	Free Elective	
BIT 200	Business Documents Applications	ELECT	10000	Free Elective	
BIT 205	Computers in the Law	ELECT	10000	Free Elective	
BIT 206	Computers in the Medical Profession	ELECT	10000	Free Elective	
BIT 210	Voice Technology	ELECT	10000	Free Elective	
BIT 221	Legal Transcription	ELECT	10000	Free Elective	
BIT 222	Medical Transcription	ELECT	10000	Free Elective	
BIT 230	Advanced Voice Technology	ELECT	10000	Free Elective	
BIT 238	Word Processing Applications II (2)	ELECT	10000	Free Elective	
BIT 240	Presentation Software Applications (2)	ELECT	10000	Free Elective	
BIT 242	Legal Research on the Internet	ELECT	10000	Free Elective	
BIT 244	Medical Research on the Internet	ELECT	10000	Free Elective	omitted 10-11
BIT 250	Voice Speed Development II	ELECT	10000	Free Elective	omitted 10-11
BIT 255	Microcomputer Expert	ELECT	10000	Free Elective	
BIT 270	Business Info Technology Internship (2)	ELECT	10000	Free Elective	
BIT 275	Business Information Tech Capstone	ELECT	10000	Free Elective	
BUS 101	Intro to Business	ELECT	10000	Free Elective	
BUS 107	Bookkeeping	ELECT	10000	Free Elective	
BUS 120	Prin of Management	IBA	36032	Principles of Management	
BUS 240	Financial Accounting	IBA	21010	Financial Accounting	
BUS 241	Managerial Accounting	IBA	21011	Managerial Accounting	
BUS 243	Payroll Accounting	ELECT	10000	Free Elective	
BUS 244	Computerized Accounting	ELECT	10000	Free Elective	
BUS 261	Business Communications	ELECT	10000	Free Elective	
BUS 265	Business Law	IBA	36061	Business Law	
BUS 266	Business Law	IHR	35800	Legal Issues for HR Management	
CDA 124	Architectural Drafting (4) (Omitted 12-13)	ELECT	10000	Free Elective	
CDA 150	3D Revit Architectural Drafting (Omitted 13-14)	ELECT	10000	Free Elective	new 10-11
CDA 253	Residential Drafting & Design (Omitted 12-13)	ELECT	10000	Free Elective	
CDA 263	Building Mech & Elec Systems (Omitted 12-13)	ELECT	10000	Free Elective	
CDA 266	Structural Drafting & Design (Omitted 12-13)	ELECT	10000	Free Elective	
CDD 104	Engineering Drawing (4) (Omitted 12-13)	ELECT	10000	Free Elective	
CDD 121	Auto CAD I (Omitted 13-14)	ELECT	10000	Free Elective	
CDD 122	Auto CAD II (Omitted 13-14)	ELECT	10000	Free Elective	
CDD 226	3D AutoCAD (2) (Omitted 13-14)	ELECT	10000	Free Elective	
CDD 227	3D Solid Works I (2) (Omitted 13-14)	ELECT	10000	Free Elective	
CDD 247	3D Solid Works II (2) (Omitted 13-14)	ELECT	10000	Free Elective	
CDM 123	Adv Engineering Drawing (4) (Omitted 12-13)	ELECT	10000	Free Elective	
CDM 267	Computer Aided Design I (5)(Omitted 13-14)	ELECT	10000	Free Elective	
CDM 268	Computer Aided Design II (5)(Omitted 13-14)	ELECT	10000	Free Elective	
CHI 101	Beginning Chinese	GE	10008	cross cultural cluster-foreign language	GE-ForLang
CHM 101	Intro Chemistry (5)	GE	10020	natural science cluster-physical w/lab	GE-PhySci w/lab
CHM 102	Concepts in Chemistry	GE	10021	natural science cluster-physical w/out lab	GE-PhySci w/out lab
CHM 111	General Chem I (5)	GE	10020	natural science cluster-physical w/lab	GE-PhySci w/lab
CHM 112	General Chemistry II (5)	GE	10020	natural science cluster-physical w/lab	GE-PhySci w/lab
CHM 113	General Chemistry II Lab (2)	GE	10022	natural science cluster-physical lab	GE-physical lab
CHM 200	Organic Chem I (5)	ELECT	10000	Free Elective	
CHM 201	Organic Chem II (5)	ELECT	10000	Free Elective	
CIM 105-250	Comp Integrated Manufacturing			Technical Credits	
CIS 120	Fiber Optics Technology	ELECT	10000	Free Elective	
CIS 122	Basic Computer Skills (1)	ELECT	10000	Free Elective	
CIS 125	Intro to Information Systems	IBA	24000	Introduction to Info Systems	
CIS 129	Programming Logic	ELECT	10000	Free Elective	
CIS 133	Microcomputer Software App	IBA	36500	Microcomputer Applications in Business	
CIS 135	Intro to PhotoShop CS	ELECT	10000	Free Elective	
CIS 136	Digital Media I	ELECT	10000	Free Elective	
CIS 145	Writing for Technology	ELECT	10000	Free Elective	
CIS 147	Networking I	ELECT	10000	Free Elective	
CIS 150	Intro to Computer Support	ELECT	10000	Free Elective	new 10-11
CIS 152	Fortran Programming	ELECT	10000	Free Elective	
CIS 153	Intro to Visual BASIC Programming	ELECT	10000	Free Elective	
CIS 154	MS Server I (4)	ELECT	10000	Free Elective	
CIS 155	Intro to Computer Program	ELECT	10000	Free Elective	
CIS 157	Intro to JAVA Programming	ELECT	10000	Free Elective	omitted 10-11
CIS 160	Web Dev Tools: Dream Weaver & GoLive	ELECT	10000	Free Elective	
CIS 165	Programming for the Web (Omitted 12-13)	ELECT	10000	Free Elective	new 10-11
CIS 166	Digital Media II (Omitted 13-14)	ELECT	10000	Free Elective	
CIS 199	Data Process Internship (2-5) (Omitted 13-14)	ELECT	10000	Free Elective	
CIS 210	Flash	ELECT	10000	Free Elective	
CIS 215	Cabling & Equipment Installation	ELECT	10000	Free Elective	
CIS 220	MS Server II (5)	ELECT	10000	Free Elective	
CIS 235	Adv Photoshop CS & Illustrator	ICM	30900	Desktop Publishing in the Workplace	
CIS 236	Oracle, SQL & Database Design	IIT	35100	Database Analysis & Design Concepts	
CIS 239	Oracle & SQL Server Database Adm (Omitted 12-13)	IIT	35200	Database Application Implementation	
CIS 243	A+ Computer Software	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 247	Networking II	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 254	MS Server III (4)	ELECT	10000	Free Elective	

CIS 255	Web/Graphics Project Portfolio Dev	ELECT	10000	Free Elective	
CIS 260	Information Systems Security (5)	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 262	Client/Server Mgmt.	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 274	Systems Dev & Design (Omitted 12-13)	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 275	Linux OS	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 276	Computer Operations (Omitted 12-13)	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 281	Intro to Web Development	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 282	Networking/Support Projects	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 283	Adv Visual BASIC Programming (Omitted 13-14)	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 285	e-Commerce Concepts	ELECT	10000	Free Elective	
CIS 287	Advanced Web Development	IIT	49XXX	Special Topics (Maximum 18 Hours)	
CIS 289	Applications in JAVA Programming (Omitted 12-13)	IIT	34030	Java Programming	
CIS 290	Certification Preparation (1)	ELECT	10000	Free Elective	
COL 100	Freshman Seminar (1)	ELECT	10000	Free Elective	
COL 101	Intro to College: Strategies for Success (1)	ELECT	10000	Free Elective	
COL 136	Mastering the College Experience	ELECT	10000	Free Elective	
CRJ 105	Intro to Search & Rescue I (Omitted 13-14)	ELECT	10000	Free Elective	
CRJ 110	Intro to Criminal Justice	ICJ	21000	Criminal Justice Systems	
CRJ 112	Criminal Law	ICJ	31000	Criminal Law	
CRJ 114	Rules of Criminal Evidence	ICJ	30100	Criminal Procedure	
CRJ 120	Juvenile Justice System	ICJ	31100	Juvenile Justice System	
CRJ 130	Intro to Corrections	ICJ	30500	Corrections	
CRJ 135	Terrorism	ELECT	10000	Free Elective	
CRJ 140	Ethics in Criminal Justice	ELECT	10000	Free Elective	
CRJ 150	Criminal Justice Report Writing	ELECT	10000	Free Elective	
CRJ 212	Criminal Justice Instructor Development	ELECT	10000	Free Elective	
CRJ 215	Patrol Operations & Tactics	ICJ	30000	Policing in America	
CRJ 220	Criminal Justice Internship	ELECT	10000	Free Elective	
CRJ 222	Criminal Investigation	ICJ	33100	Criminal Investigation	
CRJ 224	Criminal Justice Organizational Leadership	ELECT	10000	Free Elective	
CRJ 230	Correctional Institutions	ELECT	10000	Free Elective	added 09-10 catalog
CRJ 242	Advanced Criminal Investigation	ELECT	10000	Free Elective	
CUL 100-120	Culinary Arts I			Technical Credits	
CVL 105-273	Civil/Construction Technology			Technical Credits	
ECE 102	Intro to Early Childhood Edu (4)	ELECT	10000	Free Elective	
ECE 103	Child Health, Nutrition & Safety	ELECT	10000	Free Elective	
ECE 107	School Age Child Care	ELECT	10000	Free Elective	
ECE 108	Infant/Toddler Care	ELECT	10000	Free Elective	
ECE 120	Integrating Children w/Special Needs	ELECT	10000	Free Elective	
ECE 122	Behavior Management	ELECT	10000	Free Elective	
ECE 201	Early Childhood Edu Lab (2)	ELECT	10000	Free Elective	
ECE 202	Early Childhood Edu Pract I (2)	ELECT	10000	Free Elective	
ECE 205	Early Childhood Edu Pract II (2)	ELECT	10000	Free Elective	
ECE 210	Curr Strategies for Preschool Clsrm	ELECT	10000	Free Elective	
ECE 212	Family, School & Comm Relations	ELECT	10000	Free Elective	
ECE 214	Early Childhood Edu Adm	ELECT	10000	Free Elective	
ECO 100	Intro to Economics	IHR	23021	Survey of Economics	GE-SocSci
ECO 101	Macroeconomics	IBA	23012	Principles of Macroeconomics	GE-SocSci
ECO 102	Microeconomics	IBA	23011	Principles of Microeconomics	GE-SocSci
EDU 105	Exploring the Field of Edu (1)	ELECT	10000	Free Elective	
EDU 205	Technology for Teachers	ELECT	10000	Free Elective	
EDU 210	Foundations of Education	ELECT	10000	Free Elective	
EDU 225	Educational Psychology	ELECT	10000	Free Elective	
EDU 230	Teaching Professional w/Field Exper	ELECT	10000	Free Elective	
EDU 235	Education of Exceptional Learners	ELECT	10000	Free Elective	
EDU 280	Education Capstone (1)	ELECT	10000	Free Elective	omitted 10-11
EGR 101	Computer Aided Engineering Design (4)	ELECT	10000	Free Elective	
EGR 228	Engineering Mechanics-Statics	ELECT	10000	Free Elective	
EGR 250	Engineering Mechanics-Dynamics	ELECT	10000	Free Elective	
EGR 261	Circuit Analysis I	ELECT	10000	Free Elective	
EMT 111	Emergency Medical Tech I (10)			Technical Credits	
EMT 206	Pre-Paramedic Training	ELECT	10000	Free Elective	
EMT 235	EMT Paramedic I (20)	ELECT	10000	Free Elective	
EMT 236	EMT Paramedic II (20)	ELECT	10000	Free Elective	
ENG 101	English Composition I	ELECT	10000	Free Elective	
ENG 102	English Composition II	ELECT	10000	Free Elective	
ENG 104	Creative Writing	ICM	31000	Creative Writing Lab	
ENG 105	Literary Types: Poetry/Short Story	ELECT	10000	Free Elective	
ENG 106	Literary Types: Drama/Short Novel	ELECT	10000	Free Elective	
ENG 110	Journalism I	ELECT	10000	Free Elective	
ENG 111	Journalism II (1)	ELECT	10000	Free Elective	
ENG 122	Film Apprec: Intro to Cinema	ELECT	10000	Free Elective	
ENG 143	Literature for Children	ELECT	10000	Free Elective	will NOT meet GE requirement
ENG 210	Journalism III (1)	ELECT	10000	Free Elective	
ENG 211	Journalism IV (1)	ELECT	10000	Free Elective	
ENG 215	World Lit Before 1650	IEN	20100	World Literature I	GE-Lit/CrsClc
ENG 216	World Lit After 1650	GE	10003/10009	humanities cluster-literature or cross cultural cluster-cross cultural	GE-Lit/CrsClc
ENG 225	English Lit: Before 1800	GE	10003	humanities cluster-literature	GE-Lit

ENG 226	English Lit: After 1800	GE	10003	humanities cluster-literature	GE-Lit
ENG 228	American Lit: Before 1865	GE	10003	humanities cluster-literature	GE-Lit
ENG 229	American Lit: After 1865	GE	10003	humanities cluster-literature	GE-Lit
ENG 235	The Shakespeare Plays	GE	10003	humanities cluster-literature	GE-Lit
ENG 250	Mythology	GE	10003	humanities cluster-literature	GE-Lit
ENG 255	Literary Types: Poetry	GE	10003	humanities cluster-literature	GE-Lit
ETC 101-255	Electronics Technology			Technical Credits	
ETI 130-263	Electronics: Robotics Tech			Technical Credits	
ETT 235	Cabling & Equipment Installation			Technical Credits	
FRN 101	Beginning French (5)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
FRN 102	Intermediate French (5)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
FRN 201	French Grammar & Composition	GE	10008	cross cultural cluster-foreign language	GE-ForLang
FRN 253	French Reading	GE	10008	cross cultural cluster-foreign language	GE-ForLang
FST 101	Introduction to the Fire Service	ELECT	10000	Free Elective	required
FST 103	Fire Prevention	ELECT	10000	Free Elective	
FST 105	Rescue Practices	ELECT	10000	Free Elective	new 10-11
FST 110	Fire Fighter I & II (8)	ELECT	10000	Free Elective	elective
FST 116	Hazardous Mat'ls Awareness & Oper (2)	ELECT	10000	Free Elective	elective
FST 125	Fire Suppression & Mgmt.	ELECT	10000	Free Elective	
FST 127	Building Construction	ELECT	10000	Free Elective	
FST 205	Incident Management System	ELECT	10000	Free Elective	new 10-11
FST 220	Driver/Operator-Pumper	ELECT	10000	Free Elective	new 10-11
FST 229	Fire Fighting Tactics & Strategy (4)	ELECT	10000	Free Elective	
FST 231	Hazardous Materials I	ELECT	10000	Free Elective	
FST 232	Hazardous Materials II	all other FST Courses could be considered for a contract emphasis in the Fire and Paramedic Science major			
FST 233	Hydraulics & Equipment (4)	ELECT	10000	Free Elective	
FST 235	Fire Protection Systems	ELECT	10000	Free Elective	
FST 251	Fire & Arson Investigation & Detection	ELECT	10000	Free Elective	
FST 253	Codes,Laws&Ordinances-Company Officers	ELECT	10000	Free Elective	
FST 254	Fire Officer I (4)	ELECT	10000	Free Elective	
FST 255	Fire Officer II	ELECT	10000	Free Elective	
FST 256	Fire Suppressions & Management II	ELECT	10000	Free Elective	required
FST 275	Fire Science Internship	ELECT	10000	Free Elective	
GEO 103	World Regional Geography	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit
GEO 120	Seminar in Global Studies (1)	ELECT	10000	Free Elective	
GRM 101	Beginning German (4)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
GRM 102	Intermediate German (4)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
GUD 101	Career Planning & Exploration (2)	ELECT	10000	Free Elective	
GUD 136	Learning to Learn	ELECT	10000	Free Elective	
HIT 100	Intro to Health Info Technology	ELECT	10000	Free Elective	
HIT 115	Healthcare Statistics	ELECT	10000	Free Elective	
HIT 130	Healthcare Legal and Ethical Issues	ELECT	10000	Free Elective	
HIT 150	Intro to Pharmacology (2)	ELECT	10000	Free Elective	
HIT 200	Classification Systems I	ELECT	10000	Free Elective	
HIT 205	Healthcare Quality & Performance Imp.	ELECT	10000	Free Elective	
HIT 220	Electronic Health Systems	ELECT	10000	Free Elective	
HIT 230	Classification Systems II	ELECT	10000	Free Elective	
HIT 250	Healthcare Billing and Reimbursement	ELECT	10000	Free Elective	
HIT 255	Healthcare Mgmt & Supervision	ELECT	10000	Free Elective	
HIT 260	Health Info Tech Professional Practice	ELECT	10000	Free Elective	
HPE 101	Physical Fitness I (1)	ELECT	10000	Free Elective	
HPE 102	Volleyball I (1)	ELECT	10000	Free Elective	
HPE 103	Beginning Tennis (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 104	Recreational Games (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 105	Basketball (1)	ELECT	10000	Free Elective	
HPE 106	Weight Training I (1)	ELECT	10000	Free Elective	
HPE 107	Aerobics I (1)	ELECT	10000	Free Elective	
HPE 109	Beginning Golf (1)	ELECT	10000	Free Elective	
HPE 110	Recreational Shooting I (1)	ELECT	10000	Free Elective	
HPE 111	Recreational Shooting II (1)	ELECT	10000	Free Elective	
HPE 120	Beginning Swimming (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 122	Water Fitness (1)	ELECT	10000	Free Elective	
HPE 124	Recreation Water Activities (1)	ELECT	10000	Free Elective	
HPE 130	Personal Health	ELECT	10000	Free Elective	
HPE 132	First Aid & CPR (3)	ELECT	10000	Free Elective	
HPE 134	Coaching/Officiating Volleyball (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 135	Coaching Baseball (2)	ELECT	10000	Free Elective	
HPE 138	Lifetime Fitness & Wellness (2)	ELECT	10000	Free Elective	
HPE 140	Foundations of Sport Management	ELECT	10000	Free Elective	
HPE 150	Care & Prevention of Athletic Injuries	ELECT	10000	Free Elective	
HPE 201	Physical Fitness II (1)	ELECT	10000	Free Elective	
HPE 202	Volleyball II (1)	ELECT	10000	Free Elective	
HPE 206	Weight Training II (1)	ELECT	10000	Free Elective	
HPE 207	Aerobics II (1)	ELECT	10000	Free Elective	
HPE 220	Intermediate Swimming (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 225	Lifeguard Training	ELECT	10000	Free Elective	
HPE 226	Water Safety Instructor (2) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 230	Tournament & Event Management	ELECT	10000	Free Elective	

HPE 235	Sport Management Practicum	ELECT	10000	Free Elective	
HPE 250	Varsity Baseball (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 260	Varsity Basketball (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HPE 280	Varsity Volleyball (1) (Omitted 12-13)	ELECT	10000	Free Elective	
HRA 101-249	Heating, Refrigeration, & AC			Technical Credits	
HST 103	US History I to Reconstruction	GE	10006	social science cluster-American history	GE-AmGovHis
HST 104	US History II from Reconstruction	GE	10006	social science cluster-American history	GE-AmGovHis
HST 130	American Studies	ELECT	10000	Free Elective	
HST 201	Ancient & Medieval Civilization	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit
HST 202	Renaissance-Early Modern Europe	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit
HST 203	Modern Europe	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit
HST 205	African-American History	ELECT	10000	Free Elective	
HST 210	Asian Civilization	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit
HST 230	Women in American History	ELECT	10000	Free Elective	
HST 235	Women in History	ELECT	10000	Free Elective	
HST 240	Missouri History	ELECT	10000	Free Elective	
HUM 125	Seminar in World Cultures (1-6)	GE	10009	cross cultural cluster-cross cultural	GE-CrsCit (3 hours or more)
HUM 260	Liberal Arts Seminar	ELECT	10000	Free Elective	
HUM 270	Leadership Dev Studies-Humanities	ELECT	10000	Free Elective	
MGT 103	Business Math	ELECT	10000	Free Elective	
MGT 120	Human Resource Management	IBA	36510	Human Resource Management	
MGT 125	Personal Finance	IBA	32030	Consumer Finance	
MGT 132	Personal Selling	ELECT	10000	Free Elective	
MGT 133	Advertising	ICM	35000	Principles of Advertising	
MGT 145	Entrepreneurship	ELECT	10000	Free Elective	new 10-11
MGT 150	Marketing	ELECT	10000	Free Elective	
MGT 151	Retailing	ELECT	10000	Free Elective	
MGT 199	Business Internship I (4)	ELECT	10000	Free Elective	
MGT 220	Web Marketing	ELECT	10000	Free Elective	
MGT 230	Social Media Marketing	ELECT	10000	Free Elective	
MGT 245	QuickBooks	ELECT	10000	Free Elective	
MGT 255	Marketing Strategies	ELECT	10000	Free Elective	
MGT 262	Financial Management	IBA	32000	Principles of Finance	
MGT 299	Business Internship II (4)	ELECT	10000	Free Elective	
MSA 171	Voice Lessons I (1)	ELECT	10000	Free Elective	
MSA 172	String Lessons I (1)	ELECT	10000	Free Elective	
MSA 173	Woodwinds Lessons I (1)	ELECT	10000	Free Elective	
MSA 174	Brass Lessons I (1)	ELECT	10000	Free Elective	
MSA 175	Percussion Lessons I (1)	ELECT	10000	Free Elective	
MSA 176	Piano Lessons I (1)	ELECT	10000	Free Elective	
MSA 181	Voice Lessons II (1)	ELECT	10000	Free Elective	
MSA 182	String Lessons II (1)	ELECT	10000	Free Elective	
MSA 183	Woodwinds Lessons II (1)	ELECT	10000	Free Elective	
MSA 184	Brass Lessons II (1)	ELECT	10000	Free Elective	
MSA 185	Percussion Lessons II (1)	ELECT	10000	Free Elective	
MSA 186	Piano Lessons II (1)	ELECT	10000	Free Elective	
MSA 271	Voice Lessons III (1)	ELECT	10000	Free Elective	
MSA 272	String Lessons III (1)	ELECT	10000	Free Elective	
MSA 273	Woodwinds Lessons III (1)	ELECT	10000	Free Elective	
MSA 274	Brass Lessons III (1)	ELECT	10000	Free Elective	
MSA 279	Percussion Lessons III (1)	ELECT	10000	Free Elective	
MSA 280	Piano Lessons III (1)	ELECT	10000	Free Elective	
MSA 281	Voice Lessons IV (1)	ELECT	10000	Free Elective	
MSA 282	String Lessons IV (1)	ELECT	10000	Free Elective	
MSA 283	Woodwinds Lessons IV (1)	ELECT	10000	Free Elective	
MSA 284	Brass Lessons IV (1)	ELECT	10000	Free Elective	
MSA 285	Percussion Lessons IV (1)	ELECT	10000	Free Elective	
MSA 286	Piano Lessons IV (1)	ELECT	10000	Free Elective	
MSC 101	Fundamentals of Music	ELECT	10000	Free Elective	
MSC 103	Music Theory I (4)	ELECT	10000	Free Elective	
MSC 104	Music Theory II (4)	ELECT	10000	Free Elective	
MSC 105	Intro to Music Technology (1)	ELECT	10000	Free Elective	
MSC 126	Community Chorale (1)	ELECT	10000	Free Elective	
MSC 127	Starlight Chorus (1)	ELECT	10000	Free Elective	
MSC 128	Starlighters (1)	ELECT	10000	Free Elective	
MSC 131	Appreciation of Music	ELECT	10000	Free Elective	
MSC 133	Jazz Appreciation	ELECT	10000	Free Elective	
MSC 135	History of Rock & Roll	ELECT	10000	Free Elective	
MSC 137	World Music	GE	10005/10009	humanities cluster-fine arts or cross cultural cluster-cross cultural	GE-FineArt/CrsCit
MSC 144	Woodwind Ensemble (1)	ELECT	10000	Free Elective	
MSC 145	Brass Ensemble (1)	ELECT	10000	Free Elective	
MSC 146	Percussion Ensemble (1)	ELECT	10000	Free Elective	
MSC 152	Concert Band (1)	ELECT	10000	Free Elective	
MSC 161	Class Piano I (2)	ELECT	10000	Free Elective	
MSC 162	Class Piano II (2)	ELECT	10000	Free Elective	
MSC 163	Class Voice (2)	ELECT	10000	Free Elective	
MSC 167	Class Percussion (2)	ELECT	10000	Free Elective	
MSC 168	Jazz Improvisation I (2)	ELECT	10000	Free Elective	

MSC 169	Jazz Improvisation II (2)	ELECT	10000	Free Elective	
MSC 203	Music Theory III (4)	ELECT	10000	Free Elective	
MSC 204	Music Theory IV (4)	ELECT	10000	Free Elective	
MSC 231	Music Lit: Before 1750	GE	10005/10009	humanities cluster-fine arts or cross cultural cluster-cross cultural	GE-FineArt/CrsClt
MSC 232	Music Lit: After 1750	GE	10005/10009	humanities cluster-fine arts or cross cultural cluster-cross cultural	GE-FineArt/CrsClt
MSC 241	Small Jazz Combo (1)	ELECT	10000	Free Elective	
MSC 248	Chamber Singers (1)	ELECT	10000	Free Elective	
MSC 251	Jazz Ensemble (1)	ELECT	10000	Free Elective	
MSC 259	Concert Chorale (1)	ELECT	10000	Free Elective	
MTH 105	Industrial Math	ELECT	10000	Free Elective	
MTH 113	Math for Health Sciences	ELECT	10000	Free Elective	
MTH 121	Technical Math I	GE	10016	math cluster-mathematics	GE-Math
MTH 122	Technical Math II (Omitted 12-13)	GE	10016	math cluster-mathematics	GE-Math
MTH 128	Intermediate Algebra	ELECT	10000	Free Elective	
MTH 130	Structure of the Real Number System	GE	10016	math cluster-mathematics	GE-Math
MTH 131	Survey of College Mathematics	GE	10016	math cluster-mathematics	GE-Math
MTH 133	Trigonometry	GE	10016	math cluster-mathematics	GE-Math
MTH 134	College Algebra	GE	10016	math cluster-mathematics	GE-Math
MTH 141	Precalculus (5)	GE	10016	math cluster-mathematics	GE-Math
MTH 161	Calculus for Business & Social Sciences	GE	10016	math cluster-mathematics	GE-Math
MTH 168	Business Statistics	GE	10016	math cluster-mathematics	GE-Math
MTH 172	Linear Algebra	ELECT	10000	Free Elective	new 10-11
MTH 180	Calculus I (5)	GE	10016	math cluster-mathematics	GE-Math
MTH 185	Calculus II (5)	GE	10016	math cluster-mathematics	GE-Math
MTH 201	Calculus III (5)	ELECT	10000	Free Elective	
MTH 205	Differential Equations	ELECT	10000	Free Elective	
MTT 108-148	Machine Tool			Technical Credits	
OTA 100-270	Occupational Therapy Courses	ELECT	10000	Free Elective	
PHL 101	Logic	GE	10004	humanities cluster-philosophy	GE-Phi-Rel
PHL 102	Intro to Philosophy	GE	10004	humanities cluster-philosophy	GE-Phi-Rel
PHL 201	World Religions	GE	10004/10009	humanities cluster-philosophy/religion or cross cultural cluster-cross cultural	GE-religion/cross cultural
PHL 202	Ethics	GE	10004	humanities cluster-philosophy	GE-Phi-Rel
PHL 203	Medical Ethics	GE	10004	humanities cluster-philosophy	GE-Phi-Rel
PHY 101	Survey of Physical Science (5)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PHY 102	Topics in the Physical Sciences	GE	10021	natural science cluster-physical w/out lab	GE-PhysSci w/out lab
PHY 105	Physical Geology (4)	GE	10023	natural science cluster-earth w/lab	GE-EarthSci w/lab
PHY 106	Intro to Astronomy (4)	GE	10023	natural science cluster-earth w/lab	GE-EarthSci w/lab
PHY 108	Technical Physics (5)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PHY 111	Elem College Physics I (5)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PHY 112	Elem College Physics II (4)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PHY 118	Intro to Physics (2)	ELECT	10000	Free Elective	
PHY 223	General Physics I (4)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PHY 224	General Physics II (4)	GE	10020	natural science cluster-physical w/lab	GE-PhysSci w/lab
PNE 141	Fundamentals of Nursing (7)			Technical Credits	
PNE 142	Fundamentals of Nursing Clinical (1)	ELECT	10000	Free Elective	
PNE 143	Nutrition	ELECT	10000	Free Elective	
PNE 145	Personal Vocational Concepts (1)	ELECT	10000	Free Elective	
PNE 148	Mental Health (2)	ELECT	10000	Free Elective	
PNE 163	Pharmacology I (2)	ELECT	10000	Free Elective	
PNE 164	Pharmacology II (2)	ELECT	10000	Free Elective	
PNE 167	Growth & Dpt Across the Life Span	ELECT	10000	Free Elective	
PNE 171	Medical-Surgical Nursing I (4)	ELECT	10000	Free Elective	
PNE 172	Medical-Surgical Nursing II (5)	ELECT	10000	Free Elective	
PNE 174	Maternal and Child Nursing (4)	ELECT	10000	Free Elective	
PNE 175	Medical-Surgical Nursing III (2)	ELECT	10000	Free Elective	
PNE 181	Medical-Surgical Nursing I Clinical (2)	ELECT	10000	Free Elective	
PNE 182	Medical-Surgical Nursing II Clinical (2)	ELECT	10000	Free Elective	
PNE 184	Maternal and Child Nursing Clinical (1)	ELECT	10000	Free Elective	
PNE 185	Medical-Surgical Nursing II Clinical (1)	ELECT	10000	Free Elective	
PSC 100	Missouri Constitutional Government (1)	ELECT	10000	Free Elective	
PSC 102	US & MO Gov'ts and Constitutions	IPS	15500	American Gov't: The Nation	GE-AmGovHis
PSC 103	Current Political Issues	ELECT	10000	Free Elective	
PSC 155	International Relations	ELECT	10000	Free Elective	
PSC 250	Indep. Study: Model United Nations	ELECT	10000	Free Elective	
PSC 290	Public Service Gov't Internship (1)	ELECT	10000	Free Elective	
PSY 101	General Psychology	IPY	10000	Prin of Psychology	GE-SocSci
PSY 120	Applied Psychology			social science cluster-social science	GE-SocSci
PSY 201	Child Development	ELECT	10000	Free Elective	
PSY 202	Adolescent Psychology	ELECT	10000	Free Elective	
PSY 205	Human Development			social science cluster-social science	GE-SocSci
PSY 215	Social Psychology	ELECT	10000	Free Elective	
PSY 225	Abnormal Psychology	ELECT	10000	Free Elective	
PTA 100	Anatomy and Physiology I for PT Ast (5)	ELECT	10000	Free Elective	
PTA 105	Anatomy and Physiology II for PT Ast (4)	ELECT	10000	Free Elective	
PTA 110	Introduction to Physical Therapy (4)	ELECT	10000	Free Elective	

PTA 115	Kinesiology (5)	ELECT	10000	Free Elective	
PTA 120	Principles and Procedures I	ELECT	10000	Free Elective	
PTA 130	Professional Conduct and Communication (2)	ELECT	10000	Free Elective	
PTA 140	Neuromotor Development (2)	ELECT	10000	Free Elective	
PTA 150	Clinical Experience I (2)	ELECT	10000	Free Elective	
PTA 210	Physical Agents (5)	ELECT	10000	Free Elective	
PTA 220	PTA Princ and Procedures II (4)	ELECT	10000	Free Elective	
PTA 240	PTA Princ and Procedures III	ELECT	10000	Free Elective	
PTA 250	Clinical Experience II (2)	ELECT	10000	Free Elective	
PTA 260	Principles and Procedures IV	ELECT	10000	Free Elective	
PTA 270	PTA Seminar (2)	ELECT	10000	Free Elective	
PTA 280	Clinical Experience III (4)	ELECT	10000	Free Elective	
PTA 285	Clinical Experience IV (4)	ELECT	10000	Free Elective	
RAD 101	Radiation Protection (2)	ELECT	10000	Free Elective	
RAD 105	Introduction to Radiography (1)	ELECT	10000	Free Elective	
RAD 111	Image Evaluation (2)	ELECT	10000	Free Elective	
RAD 115	Radiographic Positioning I	ELECT	10000	Free Elective	
RAD 125	Radiographic Positioning II	ELECT	10000	Free Elective	
RAD 130	Patient Care Management (2)	ELECT	10000	Free Elective	
RAD 135	Radiographic Positioning III	ELECT	10000	Free Elective	
RAD 140	Radiographic Exposures	ELECT	10000	Free Elective	
RAD 145	Radiographic Positioning IV	ELECT	10000	Free Elective	
RAD 150	Cross-Sectional Anatomy	ELECT	10000	Free Elective	
RAD 155	Radiographic Biology	ELECT	10000	Free Elective	
RAD 160	Radiographic Physics	ELECT	10000	Free Elective	
RAD 165	Radiographic Pharmacology	ELECT	10000	Free Elective	
RAD 170	Radiographic Pathology	ELECT	10000	Free Elective	
RAD 175	Image Intensification and Equipment	ELECT	10000	Free Elective	
RAD 180	Intro to Quality Assurance & Adv Imaging	ELECT	10000	Free Elective	
RAD 185	Radiography Curr Review & Prof Dvlpt	ELECT	10000	Free Elective	
RAD 190	Radiologic TechIndependent Study (1-3)	ELECT	10000	Free Elective	
RAD 200	Clinical Practicum I	ELECT	10000	Free Elective	
RAD 210	Clinical Practicum II	ELECT	10000	Free Elective	
RAD 220	Clinical Practicum III	ELECT	10000	Free Elective	
RAD 230	Clinical Practicum IV	ELECT	10000	Free Elective	
RAD 240	Clinical Practicum V	ELECT	10000	Free Elective	
RCP 100-290	Respiratory Care (Omitted)	ELECT	10000	Free Elective	
RNR 210	Nursing Transitions and Trends			Technical Credits	
RNR 220	Pediatric & High Risk OB Nursing (4)	ELECT	10000	Free Elective	
RNR 225	Psychiatric Nursing (4)	ELECT	10000	Free Elective	
RNR 230	Medical-Surgical Nursing IV (5)	ELECT	10000	Free Elective	
RNR 250	Medical-Surgical Nursing V (8)	ELECT	10000	Free Elective	
RNR 260	Nursing Capstone (4)	ELECT	10000	Free Elective	
SOC 101	General Sociology	ISC	10200	Basic Concepts of Sociology	GE-SocSci
SOC 125	Human Diversity	ELECT	10000	Free Elective	
SOC 105	Intro to Social Work (Omitted 13-14)	ELECT	10000	Free Elective	
SOC 210	Alcohol, Drugs, and Society	ELECT	10000	Free Elective	
SOC 240	Marriage and Family	GE	10014	social science cluster-social science	GE-SocSci
SOC 250	Social Disorganization	GE	10014	social science cluster-social science	GE-SocSci
SPD 105	Oral Communication	ELECT	10000	Free Elective	
SPD 120	Theatre Appreciation	GE	10005	humanities cluster-fine arts	GE-FineArt
SPD 130	Beginning Acting	GE	10005	humanities cluster-fine arts	GE-FineArt
SPD 140	Stagecraft (2)	ELECT	10000	Free Elective	
SPD 175	Public Speaking	ELECT	10000	Free Elective	
SPD 186	Introduction to Television Production	ELECT	10000	Free Elective	
SPD 198	Television Production Practicum (1)	ELECT	10000	Free Elective	
SPD 199	Theatre Practicum (1)	ELECT	10000	Free Elective	
SPD 286	Television Production II	ELECT	10000	Free Elective	
SPD 299	Broadcasting Internship (1)	ELECT	10000	Free Elective	
SPN 101	Beginning Spanish (5)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
SPN 102	Intermediate Spanish (5)	GE	10008	cross cultural cluster-foreign language	GE-ForLang
SPN 201	Spanish Grammar and Composition	GE	10008	cross cultural cluster-foreign language	GE-ForLang
SPN 253	Spanish Reading	GE	10008	cross cultural cluster-foreign language	GE-ForLang
SWK 105	Introduction to Social Work	ELECT	10000	Free Elective	
SWK 110	Social Work Lab (1)	ELECT	10000	Free Elective	
VAT 101	Introduction to Veterinary Technology			Technical Credits	
VAT 106	Applied Pharmacology	ELECT	10000	Free Elective	
VAT 113	Principles of Clinical Medicine I (4)	ELECT	10000	Free Elective	
VAT 114	Principles of Clinical Medicine II (4)	ELECT	10000	Free Elective	
VAT 199	Veterinary Technology Internship (5)	ELECT	10000	Free Elective	
VAT 250	Veterinary Hospital Technology I (5)	ELECT	10000	Free Elective	
VAT 252	Applied Radiology (2)	ELECT	10000	Free Elective	
VAT 256	Veterinary Hospital Technology II (5)	ELECT	10000	Free Elective	
VAT 258	Clinical Pathological Techniques (5)	ELECT	10000	Free Elective	
VAT 263	Equine Technology (2)	ELECT	10000	Free Elective	
VAT 264	Laboratory Animal Technology	ELECT	10000	Free Elective	
VAT 265	Food Animal Technology	ELECT	10000	Free Elective	
VAT 270	Veterinary Technology Capstone (1)	ELECT	10000	Free Elective	
WLD 141-246	Welding			Technical Credits	