

Faculty Qualifying Credentials Spreadsheet

<https://nces.ed.gov/ipeds/cipcode/browse.aspx?y=55>

CIP Code	SUBJ	CRSE	Title	General Education, Transfer, or Non-Occupational?	Qualifying Credentials	
01 AGRICULTURE						
A program that focuses on the general principles and practice of agricultural research and production and that may prepare individuals to apply this knowledge to the solution of practical agricultural problems. Includes instruction in basic animal, plant, and soil science; animal husbandry and plant cultivation; soil conservation; and agricultural operations such as farming, ranching, and agricultural business						
AGRI	1139		Concepts for Agriculture	Transfer	Masters in Agricultural Education or Related Agriculture Discipline	
AGRI	1155		Agriculture Orientation	Transfer		
AGRI	1100		Agriculture in our Society	Transfer		
AGRI	1131		Summer Occup Work Experience			
AGRI	1181		Occupational Work Experience I	Transfer		
AGRI	1182		Occupational Work Experience II	Transfer		
AGRI	1150		Economic Entomology	Transfer	Masters in Agronomy or Entomology or Masters in a Related Field with 18 Graduate Credit Hours in Agronomy or Entomology Coursework	
AGRI	1116		Prin of Agriculture Economics	Transfer	Masters in Agriculture Economics or Related Agriculture Discipline	
AGRI	1105		Crop Protection	Transfer	Masters in Agronomy or Related Agriculture Discipline	
AGRI	1108		Farm Crop Production	Transfer		
AGRI	1114		Plant Science	Transfer		
AGRI	1115		Introduction to Soils/Lab	Transfer		
AGRI	1120		Range Management	Transfer		
AGRI	1125		Fertilizer Management	Transfer		
AGRI	1213		Introduction to GPS	Transfer		
AGRI	1106		Principles of Animal Science	Transfer	Masters in Animal Science or Doctorate of Veterinary Medicine	
AGRI	1110		Fundamentals Animal Nutrition	Transfer		
AGRI	1123		Beef Cattle Production	Transfer		
AGRI	1128		Horse Science	Transfer		
AGRI	1218		Beef Cattle Operations	Transfer	Masters in Agriculture Economics or Related Agriculture Discipline	
AGRI	1116		Principles of Agriculture Economics	Transfer		
AGRI	1132		Farm Machinery Repair	Technical		
AGRI	1180		Planting Equipment	Technical		
AGRI	1183		MWD Tractors 250-400 HP Large Frame	Technical		
AGRI	1184		MFWD Tractors 150-250 HP Medium Frame	Technical		
AGRI	1191		Combine Hydraulic Systems	Technical		
AGRI	1193		Combine Productivity	Technical		
AGRI	1194		Intermediate/Large Square Balers	Technical		
AGRI	1195		Large Round Balers	Technical		
AGRI	1199		Self Propelled Windrowers	Technical		
AGRI	1202		2WD Tractor Systems 45 to 100 HP	Technical		
AGRI	1205		Articulated 4WD Tractors	Technical		
AGRI	1210		Precision Farming Systems	Technical		
AGRI	1215		Skid Steer Loader Oper & Diag	Technical		
AGRI	1212		Commercial Drivers License	Technical		Commercial Driver's License with Airbrake Endorsement and a Minimum of Two Years Relevant Professional Equipment
AGRI	1216		Farm Machinery and Technology	Technical		Bachelors in the Field or Related Field with Coursework in Machine Technology. Tested Experience Including Professional Certification and/or Minimum of Two Years of Relevant Professional employment May be Substituted with Administrative Approval
03 NATURAL RESOURCES AND CONSERVATION						
Instructional programs that focus on the various natural resources and conservation fields and prepare individuals for related occupations						
Environmental Science						
LIFE	1413		Environmental Science	Transfer	Masters degree in Environmental Science/Geology/Natural Resources/Conservation or Masters plus 18+	

LIFE	1414	Environmental Science Lab	Transfer	graduate hours in these disciplines or related field
04 ARCHITECTURE AND RELATED SERVICES				
Instructional programs that prepare individuals for professional practice in the various architecture-related fields and focus on the study of related aesthetic and socioeconomic aspects of the built environment				
04.0902 Architectural and Building Sciences/Technology				
LIFE	1425	Residential Energy Efficiency	Transfer	Masters in Building Construction, Construction Engineering, Environmental, Sustainable Energy or masters with 18 Graduate hours in field or masters with certifications i.e. LEED, NABCEP, or licensed energy auditor.
09 COMMUNICATION, JOURNALISM, AND RELATED PROGRAMS				
Instructional programs that focus on how messages in various media are produced, used, and interpreted within and across different contexts, channels, and cultures, and that prepare individuals to apply communication knowledge and skills professionally				
090101 Communication Studies/Speech Communication and Rhetoric				
COMM	1200	Interpersonal Communication	Transfer	Masters in Speech or Communication OR Masters with 18 graduate hours in Speech or Communication or related field
COMM	1212	Fundamentals of Debate	Transfer	
COMM	1217	Nonverbal Communication	Transfer	
COMM	1220	Organizational Communication	Transfer	
COMM	1230	Public Speaking	Transfer	
COMM	1232	Competitive Forensics	Transfer	
COMM	1234	Persuasion	Transfer	
COMM	1235	Storytelling	Transfer	
EDUC	1102	Storytelling	Transfer	
090401 Journalism				
JOUR	1700	Intro to Mass Media	Transfer	Masters in Communication or Journalism OR Masters with 18 graduate hours in Communication or Journalism or related field
JOUR	1701	Journalism I	Transfer	
JOUR	1704	Beginning Reporting	Transfer	
JOUR	1705	Advanced Reporting	Transfer	
JOUR	1708	Newspaper Production I	Transfer	
JOUR	1709	Newspaper Production II	Transfer	
JOUR	1711	Journalism II	Transfer	
11 COMPUTER AND INFORMATION SCIENCES AND SUPPORT SERVICES				
Instructional programs that focus on the computer and information sciences and prepare individuals for various occupations in information technology and computer operations fields				
110301 Data Processing and Data Processing Technology/Technician				
BSTC	1001	Introduction to Computers	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Information Technology coursework preferred or Bachelor's in Information technology or related field. Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
BSTC	1023	Database Management Systems	Technical	
BSTC	1025	Advanced Database Management	Technical	
BSTC	1027	Information Super Highway	Technical	
BSTC	1036	Computer Concepts & Appl	Technical	
11.0701 Computer Science				
PRGM	1037	Computer Science I		Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Computer Information Systems or Computer Science).
11.0201 Computer Programming/Programmer, General				
BSTC	1005	BASIC Programming	Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Computer Information Systems or Computer Science).
PRGM	1005	BASIC Programming	Transfer	
PRGM	1007	Foundation of Computer Science	Transfer	
PRGM	1020	Data Structure and Algorithms	Transfer	
PRGM	1025	C Programming	Transfer	
PRGM	1030	Java Programming	Transfer	
PRGM	1033	Web Programming	Transfer	
PRGM	1035	Game Programming Design	Transfer	
110901 Computer Systems Networking and Telecommunications				
NTWK	1030	Linux I	Technical	
NTWK	1032	Introduction to Networking	Technical	
NTWK	1034	Networking I	Technical	
NTWK	1035	Networking II	Technical	

NTWK	1043	Local Area Network Workstation	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Information Technology Coursework or Bachelor's in Information Technology or related field. Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
NTWK	1050	Networking I	Technical	
NTWK	1057	Network +	Technical	
NTWK	1059	Introduction to Networking	Technical	
NTWK	1061	Linux II	Technical	
NTWK	1070	Network Security I	Technical	
NTWK	1080	Occupational Internship I	Technical	
NTWK	1085	Windows Server I	Technical	
NTWK	1086	Windows Server II	Technical	
NTWK	1071	Network Security II	Technical	
NTWK	1072	Information Security	Technical	
11.1003 Computer and Information Systems Security				
NTWK	1054	Computer Forensics & Investigation	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Information Technology and Criminal Justice coursework preferred or Bachelor's in Information Technology or related field. Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
11.1006 Computer Support Specialist				
NTWK	1052	Computer Repair & Upgrade I	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Information Technology Coursework or Bachelor's in Information Technology or related field. Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
NTWK	1053	Computer Repair & Upgrade II	Technical	
NTWK	1068	Help Desk Fundamentals	Technical	
13 EDUCATION				
Instructional programs that focus on the theory and practice of learning and teaching, and related research, administrative and support services				
130101 Education, General				
ARTS	1237	Elementary School Art	Transfer	Masters degree in Art or Education/Instruction Design/Curriculum or Master's with 18 graduate hours in these disciplines
EDUC	1103	Student Success	Transfer	Masters degree in Education/Instruction Design/Curriculum , Humanities, Social Sciences or Masters with 18 graduate hours in these disciplines
EDUC	1128	Foundations of Modern Educ	Transfer	Masters degree in Education/Instruction Design/Curriculum or Masters degree with 18 graduate hours in these
EDUC	1134	Education Field Experience	Transfer	
EDUC	1136	Children's Literature	Transfer	
EDUC	1142	Introduction to Intructional Technology	Transfer	
MUSI	1029	Music Elem Classroom Teacher	Transfer	Masters degree in Music or Education/Instruction Design/Curriculum or Master's with 18 graduate hours in these disciplines
14 ENGINEERING				
Instructional programs that prepare individuals to apply mathematical and scientific principles to the solution of practical problems				
140101 Engineering, General				
PHYS	1604	Engineering Physics I	Transfer	Masters degree in Engineering or Physics OR Masters degree with 18 graduate hours in engineering or related field
PHYS	1606	Engineering Physics II	Transfer	
15 ENGINEERING TECHNOLOGIES/TECHNICIANS				
Instructional programs that prepare individuals to apply basic engineering principles and technical skills in support of engineering and related projects or to prepare for engineering-related fields.				
15.0503 Energy Management and Systems Technology/Technician				
LIFE	1426	Renewable Energy Sources		Masters in Environmental, Sustainable Energy, Renewable Energy or Masters and professional certifications in Solar, Wind, Biofuels, Bio Mass etc. or related field
15.0508 Hazardous Materials Management and Waste Technology/Technician				
HZMT	1903	Introduction to Environmental Management	Technical	Course content related certification and minimum of a 2 year degree. Three years of related employment may be substituted for a degree with administrative approval.
HZMT	1905	Environmental Sampling & Monitoring	Technical	
HZMT	1907	Resource Conservation Recovery Act (RCRA)	Technical	
HZMT	1909	Clean Air & Water Quality Regulations	Technical	
HZMT	1911	Emergency Response to Chemical Spills	Technical	Course content related certification and a minimum of 2 years experience in related field.

HZMT	1912	Industrial Hygiene & Toxicology	Technical	Course content related certification and minimum of a 2 year degree. Three years of related employment may be substituted for a degree with administrative approval.	
HZMT	1917	DOT Regulations	Technical	Course content related certification and a minimum of 2 years experience in related field.	
HZMT	1919	Hazardous Waste Operations & Emergency Response (HAZWOPER)	Technical		
HZMT	1940	Introduction to Ergonomics	Technical	Course content related certification and minimum of a 2 year degree. Three years of related employment may be substituted for a degree with administrative approval.	
HZMT	1950	Characteristics of Hazardous Materials	Technical		
HZMT	1978	GIS for Emergency Operations	Technical		
HZMT	1979	Continuity of Operations Planning (COOP)	Technical		
150613	Manufacturing Technology/Technician				
MSCT	1100	Employability Skills	Technical	Associate degree or higher in manufacturing engineering, production technology or related field and/or minimum of two years of relevant professional employment.	
MSCT	1101	Occupational Safety & Health	Technical		
MSCT	1102	Prec Meas & Quality Control	Technical		
MSCT	1103	Blueprint Reading GD & T	Technical		
MSCT	1104	Applied Shop Mathematics I	Technical		
150699	Industrial Production Technologies/Technicians, Other				
MEAS	1100	Common Technical Skills	Technical	Associate degree or higher in related area and/or minimum of two years of relevant professional employment.	
MEAS	1101	Gas Industry Concepts	Technical		
MEAS	1102	Instrumentation & Controls	Technical		
MEAS	1103	Gas Quality Analysis	Technical		
MEAS	1104	Flow Measurement	Technical		
MEAS	1105	Pressure & Volume Control	Technical		
150903	Petroleum Technology/Technician				
NATG	1110	Fundamentals of Natural Gas	Technical	Associate degree or higher in related area and minimum of two years of relevant professional employment.	
NATG	1115	Intro to Gas Technology	Technical		
NATG	1120	Intermediate Gas Technology	Technical		
NATG	1135	Basic Corrosion/Field Tech	Technical		
NATG	1145	Gas Regulators	Technical		
NATG	1160	Trench & Excavation Practices	Technical		
NATG	1165	Natural Gas Tech Internship	Technical		
NATG	1170	Gas Measurement & Controls	Technical		
400501	NATG	1140	Basic Corrosion (NACE)		Technical
151202	Computer Technology/Computer Systems Technology				
NATG	1125	Electrical Devices & Controls I	Technical		
NATG	1130	Electrical Devices Controls II	Technical		
NATG	1150	Intro Prog Logic Controllers	Technical		
NATG	1155	Advanced Programmable Logic	Technical		
151301	Drafting and Design Technology/Technician, General				
DRAF	1800	Technical Drafting I	Technical	Associate degree or higher in computer-Aided Drafting/Design. Mechanical Engineering, Industrial Arts or related area and/or professional certification and minimum of two years or relevant professional employment.	
DRAF	1840	Computer Aided Draft/Design I	Technical		
DRAF	1841	Computer Aided Draft/Design II	Technical		
DRAF	1843	Descriptive Geometry	Technical		
16	FOREIGN LANGUAGES, LITERATURES, AND LINGUISTICS				
Instructional programs that focus on foreign languages and literatures, the humanistic and scientific study of linguistics, and the provision of professional interpretation and translation services. Note (Several new programs have been added to the 16. Series to better reflect the globalization of language study programs					
Foreign Languages and Literatures, General					
LANG	1900	Elementary German I	Transfer	Masters degree in German OR Masters degree with 18 graduate hours in German or Linguistics or related field or native speaker	
LANG	1902	Elementary German II	Transfer		
LANG	1908	Elementary Spanish I	Transfer		
LANG	1909	Conversational Spanish	Transfer	Masters degree in Spanish OR Masters degree with 18 graduate hours in Spanish (Conversational Spanish May have exception for native speakers) or Linguistics or related field or native speaker	
LANG	1910	Elementary Spanish II	Transfer		
LANG	1933	Spanish for the Workplace	Transfer		
LANG	1914	Elementary French I	Transfer	Masters degree in French OR Masters degree with 18 graduate hours in French or Linguistics or related field or native speaker	
LANG	1916	Elementary French II	Transfer		

19 WORK AND FAMILY STUDIES				
190101 Family and Consumer Sciences/Human Sciences, General				
BUSI	1806	Advertising		
190708 Child Care and Support Services				
CHLD	1500	Intro to Early Childhood Ed		Transfer
CHLD	1504	Early Childhood Curriculum		Transfer
CHLD	1505	Preschool Child		Transfer
CHLD	1506	Child Care Practicum		Transfer
CHLD	1507	Child Health-Safety & Nutrit.		Transfer
CHLD	1508	Child Care Internship		Transfer
CHLD	1509	Child Care Practicum II		Transfer
CHLD	1512	Child Abuse and Neglect		Transfer
CHLD	1513	Child Play and Games		Transfer
CHLD	1525	Directed/Independent Study/Child Care		Transfer
CHLD	1548	Curriculum Materials Development		Transfer
CHLD	1549	Early Childhood Program Admin		Transfer
CHLD	1550	Early Childhood Career Develop		Transfer
CHLD	1551	Infant & Toddler Edu & Care		Transfer
CHLD	1553	Creative Experiences for Child		Transfer
CHLD	1554	Creative Activities		Transfer
CHLD	1560	Social Emotional Development		Transfer
CHLD	1563	Parenting		Transfer
CHLD	1565	Preschool Language & Literacy		Transfer
CHLD	1566	Interaction Tech w/Children		Transfer
CHLD	1567	Early Intervention Birth-Five		Transfer
<p>Master's degree in Early Childhood or Master's degree in Special Education with an emphasis in Early Childhood or Master's degree in Education with an emphasis in Early childhood with Child Development Associate professional certification (preferred) and minimum of two years of relevant professional employment.</p>				
23 ENGLISH LANGUAGE AND LITERATURE/LETTERS				
Instructional programs that focus on the structure and use of the English language and dialects, speech, writing, and various aspects of the literatures and cultures of the English-speaking peoples				
230101 English Language and Literature, General				
ENGL	1199	Principles Grammar Form & Style		Transfer
ENGL	1200	Business English		Transfer
ENGL	1204	English Composition I		Transfer
ENGL	1205	Technical and Report Writing		Transfer
ENGL	1206	English Composition II		Transfer
ENGL	1209	English Composition I with Rev		Transfer
ENGL	1216	Creative Writing		Transfer
ENGL	1236	Technical Communications		Transfer
LITR	1210	Intro to Literature		Transfer
LITR	1212	The Short Story		Transfer
LITR	1215	World Literature		Transfer
LITR	1216	American Literature I		Transfer
LITR	1234	Shakespeare		Transfer
LITR	1235	Great Books Program		Transfer
LITR	1228	Introduction to Drama		Transfer
<p>Masters degree in English, Literature, Linguistics, Rhetoric, or Creative Writing OR Masters degree with 18 graduate hours in these disciplines.</p>				
26 BIOLOGICAL AND BIOMEDICAL SCIENCES				
Instructional programs that focus on the biological sciences and the non-clinical biomedical sciences, and that prepare individuals for research and professional careers as biologists and biomedical scientists				
260101 Biology/Biological Sciences, General				
LIFE	1402	Principles of Biology		Transfer
LIFE	1410	Principles of Zoology		Transfer
260403 Anatomy				
LIFE	1407	Anatomy & Physiology I		Transfer
LIFE	1408	Anatomy & Physiology		Transfer
LIFE	1409	Anatomy & Physiology II		Transfer
<p>Masters degree in Biology, Biological Sciences, Anatomy or Physiology, Biochemistry, Biomedical Science, Microbiology, Medicine, or Zoology OR Masters degree with 18 graduate hours in any of these disciplines</p>				

LIFE	1411	Anat/Physiol-PreHospit Provide		Transfer	or related field
260502		Microbiology, General			
LIFE	1412	Principles of Microbiology		Transfer	
261004		Toxicology			
LIFE	1422	Pathophysiology		Transfer	
27 MATHEMATICS AND STATISTICS					
Instructional programs that focus on the systematic study of logical symbolic language and its applications					
270101		Mathematics, General			
MATH	1806	Technical Mathematics		Transfer	Masters Degree in Mathematics, Statistics, or Applied Math OR Masters Degree with 18 graduate hours in mathematics.
MATH	1819	Business Mathematics		Transfer	
MATH	1824	Intermediate Algebra		Transfer	
MATH	1826	College Algebra with Review		Transfer	
MATH	1828	College Algebra		Transfer	
MATH	1830	Trigonometry		Transfer	
MATH	1831	Business Calculus		Transfer	
MATH	1832	Analytic Geometry-Calculus I		Transfer	
MATH	1834	Analytic Geometry-Calculus II		Transfer	
MATH	1836	Analytic Geometry-Calculus III		Transfer	
MATH	1840	Intro to Contemporary Math		Transfer	
MATH	1853	Math for the PreHospital Provd			
270502		Mathematical Statistics and Probability			
STAT	1827	Elements of Statistics Lab		Transfer	Masters Degree in Statistics or Mathematics OR Masters Degree with 18 graduate hours in Statistics or related field
STAT	1829	Elements of Statistics		Transfer	
STAT	1840	Business & Economics Stats I		Transfer	
STAT	1845	Business & Economics Stats II		Transfer	
29 MILITARY TECHNOLOGIES					
Instructional programs that prepare individuals in specialized and advanced subject matter for the armed services and related national security organizations					
29.0204		Command & Control (C3, C4) Systems and Operations.			
		A program that focuses on the theory, technology and operational use of information and decision systems in support of battlefield, theatre, and global strategic operations. Includes instruction in applied mathematics and statistics, computer systems, real-time analysis and decision systems, surveillance and navigation systems, information and communications technology, information security, situational awareness, system integration, joint operations and applications to specific command problems and services.			
MLTR	1020	Maintenance Managers Course		Technical	Course content related certification and/or minimum of 5 years of related employment may be substituted with administrative approval.
MLTR	1022	Physical Security		Technical	Course content related certification and/or minimum of 2 years of related employment may be substituted with administrative approval.
MLTR	1024	Unit Load Team Training		Technical	Course content related certifications and 3 years' experience as an Unit Movement Representative in a military unit.
MLTR	1026	Unit Movement I		Technical	
MLTR	1029	Unit Movement Officer		Technical	
MLTR	1039	Building Maintenance Milit Fac		Technical	2 year degree in Building/Property Maintenance or closely related field and 2 years of experience in building/property maintenance.
MLTR	1040	Military Passeng-Carry Vehicle		Technical	Commercial Driver's License-B with Passenger and Airbrake Endorsement and a Minimum of 2 years of passenger-carrying vehicle experience.
MLTR	1042	Military Petroleum Operations		Technical	Course content related certification and/or minimum of 2 years of related employment may be substituted with administrative approval.
MLTR	1046	Field Sanitation Military Unit		Technical	
MLTR	1050	Battle Staff Non-Comm Officer		Technical	Course content related certifications and 2 years' experience as a Staff representative in a military unit.
MLTR	1060	Maintenance Equipment Records Parts Tech		Technical	Course content related certification and/or minimum of 5 years of related employment may be substituted with administrative approval.
MLTR	1535	Combat Lifesaver Course		Technical	Must have served as a Combat Medic in any branch of the US military with 5 years' Combat Medic experience or possess a professional certification as an AEMT (or higher) with a minimum of 5 years of paramedic experience. Must maintain current EMT credentials as a condition of employment.
MLTR	1626	Weapons Storage Facility Oper		Technical	Course content related certification and/or minimum of 3 years of related employment may be substituted

MLTR	1627	Mgmt of Weapon Stor Facilities	Technical	with administrative approval.
MLTR	1795	Unit Supply Operator	Technical	
MLTR	1815	Digital Training Mgmt. System	Technical	Course content related certification and/or minimum of 5 years of related employment may be substituted with administrative approval.
MLTR	1921	Chemical, Biological, Radiological & Nuclear Defense	Technical	
MLTR	1922	Transport Hand&Stor-Explos Mat	Technical	
MLTR	1924	Master Driver Course	Technical	Course content related certification and/or minimum of 3 years of related employment may be substituted with administrative approval.
31 PARKS, RECREATION, LEISURE, AND FITNESS STUDIES				
Instructional programs that focus on the principles and practices of managing parks and other recreational and fitness facilities; providing recreational, leisure and fitness services; and the study of human fitness				
310501	Health and Physical Education, General			
HLTH	1247	Lifetime Fitness and Wellness	Transfer	Masters in Kinesiology, Physical Education or Health and Physical Education OR Masters with 18 hours in same disciplines or related field
HLTH	2247	Lifetime Fitness and Wellness	Transfer	
HLTH	1248	Personal & Community Health	Transfer	Masters in Kinesiology, Physical Education, Medicine, Nutrition or Health and Physical Education OR Masters with 18 hours in same disciplines or related field
PHED	1202	Bowling	Transfer	Bachelors degree in Kinesiology, Recreation, Exercise and Sports Studies or Physical Education OR documentation of relevant experience and/or qualifications in activities being taught.
PHED	1204	Advanced Bowling	Transfer	
PHED	1210	Beginning Tennis	Transfer	
PHED	1213	Self Defense	Transfer	
PHED	1214	Tae Kwon Do I	Transfer	
PHED	1215	Tae Kwon Do II	Transfer	
PHED	1217	Fitness Thru Activities	Transfer	
PHED	1219	Target Shooting (Rifle-Pistol)	Transfer	
PHED	1222	Beginning Swimming	Transfer	
PHED	1224	Intermediate Swimming	Transfer	
PHED	1229	Scuba Diving	Transfer	
PHED	1232	Gymnastics & Tumbling	Transfer	
PHED	1234	Weight Training	Transfer	
PHED	1236	Advanced Weight Training	Transfer	
PHED	1238	Fundamental-Physical Fitness	Transfer	
PHED	1240	Ballroom Dancing I	Transfer	
PHED	1276	Aqua Aerobics	Transfer	
PHED	1280	Varsity Ath-Basketball (Men)	Transfer	
PHED	1281	Varsity Ath-Basketball (Women)	Transfer	
PHED	1282	Varsity Athletics-Baseball	Transfer	
PHED	1283	Varsity Athletics-Softball	Transfer	
PHED	1285	Varsity Athletic-Golf (Women)	Transfer	
PHED	1286	Varsity Athletic-Golf (Men)	Transfer	
PHED	1287	Varsity Tennis (Men)	Transfer	
PHED	1288	Varsity Tennis (Women)	Transfer	
PHED	1289	Varsity Swimming (Men)	Transfer	
PHED	1290	Varsity Athletics-Track (Men)	Transfer	
PHED	1291	Varsity Swimming (Women)	Transfer	
PHED	1292	Varsity Athletic Track (Women)	Transfer	
PHED	1293	Varsity Athletics-Volleyball	Transfer	
PHED	1294	Varsity Athletics-Cheerleading	Transfer	
PHED	1295	Advanced Aqua Aerobics	Transfer	
PHED	1296	Varsity Athletics Soccer (Men)	Transfer	
PHED	1297	Varsity Athletic Soccer(Women)	Transfer	
PHED	1298	Varsity Athletic Wrestling	Transfer	
PHED	1319	Yoga	Transfer	
PHED	1321	Physical Fitness I	Transfer	
PHED	1322	Physical Fitness II	Transfer	
PHED	1327	Zumba	Transfer	
PHED	1209	Intro to Sports Administration	Transfer	

PHED	1239	Modern Dance	Transfer
PHED	1242	Intro to Health-PE-Recreation	Transfer
PHED	1244	Elementary Health & Phys Educa	Transfer
PHED	1246	First Aid Emergency Care	Transfer
PHED	1253	Care & Prev of Athletic Injury	Transfer
PHED	1254	Theory of Basketball	Transfer
PHED	1256	Psychology of Sport	Transfer
PHED	1258	Rules & Officiating	Transfer
PHED	1270	Intro to Exercise Science	Transfer
PHED	1271	Figure Improvement I	Transfer
PHED	1301	Beginning Modern Dance	Transfer
PHED	1308	Intro to Athletic Training	Transfer
PHED	1313	Rhythm I	Transfer
PHED	1314	Rhythm II	Transfer
PHED	1315	Rhythm III	Transfer
PHED	1316	Rhythm IV	Transfer
PHED	1325	Coaching Advanced Soccer	Transfer
PHED	1326	Concepts of Personal Training	Transfer

Masters in Kinesiology, Physical Education or Health and Physical Education OR Masters with 18 hours in same disciplines or related field

32 BASIC SKILLS AND DEVELOPMENTAL/REMEDIAL EDUCATION.
 Instructional programs that focus on the fundamental knowledge and skills that individuals need to function productively in society. These CIP codes are not valid for IPEDS reporting.

320101 Basic Skills and Developmental/Remedial Education, General.

ENGL	1105	ESOL Lab	NO - Developmental Class
ENGL	1108	ESOL Conversational English	NO - Developmental Class
ENGL	1109	ESOL Academic Vocabulary	NO - Developmental Class
ENGL	1110	ESOL Sentence Structure	NO - Developmental Class
ENGL	1111	Intro to English Language	NO - Developmental Class
ENGL	1113	English Study Skills	NO - Developmental Class
ENGL	1120	English-Speak Other Languages	NO - Developmental Class
ENGL	1121	English Speakers Other Lang II	NO - Developmental Class
ENGL	1122	English Speakers Other LangIII	NO - Developmental Class
ENGL	1125	ESOL Conversational English II	NO - Developmental Class
ENGL	1126	ESOL Academic Vocabulary II	NO - Developmental Class
ENGL	1127	ESOL Sentence Structure II	NO - Developmental Class
ENGL	1190	Basic English	NO - Developmental Class
ENGL	1194	Intermediate English	NO - Developmental Class
ENGL	1195	Integrated Reading and Writing	NO - Developmental Class
ENGL	1196	Integrated Reading and Writing Lab	NO - Developmental Class
MATH	1805	Basic Math Skills	NO - Developmental Class
MATH	1807	Math Learning Strategies	NO - Developmental Class
MATH	1809	Basic Applied Mathematics	NO - Developmental Class
MATH	1811	Preparatory Mathematics	NO - Developmental Class
MATH	1813	College Preparatory Math I	NO - Developmental Class
MATH	1815	College Preparatory Math II	NO - Developmental Class
MATH	1817	College Preparatory Math III	NO - Developmental Class
MATH	1821	Basic Algebra	NO - Developmental Class
MATH	1825	College Preparatory Math IV	NO - Developmental Class
READ	1108	Basic Reading	NO - Developmental Class
READ	1109	Intermediate Reading	NO - Developmental Class

Bachelor's degree in English or ESL/ESOL

Bachelor's degree in Math

Bachelor's degree English/Literature

36 LEISURE AND RECREATIONAL ACTIVITIES.
 Programs that focus on the development of an appreciation for and competency in recreational and leisure-related activities. These CIP codes are not valid for IPEDS reporting.

360105 Home Maintenance and Improvement

WDWK	1900	Woodworking I	
WDWK	1902	Woodworking II	

Associate degree in an industrial trade area preferred, but not required. Demonstrable woodworking skills and a minimum of two years of professional and/or craft experience

WDWK	1905	Individual Woodworking Project		and a minimum of two years of professional and/or craft experience
38 PHILOSOPHY AND RELIGIOUS STUDIES				
Instructional programs that focus on logical inquiry, philosophical analysis, and the academic study of organized systems of belief and religious practices				
380101 Philosophy				
PHIL	1602	Introduction to Philosophy	Transfer	Masters degree in Philosophy OR Masters degree with 18 graduate hours in philosophy OR M. Div or M Rel with documented related experience or course work in world religions
PHIL	1604	Systematic Ethics	Transfer	
PHIL	1605	Reason and Argument	Transfer	
RELI	1301	New Testament Lit:Gospels	Transfer	
RELI	1303	New Test Lit:Acts & Epistles	Transfer	
RELI	1305	Old Testament Lit:Pentateuch	Transfer	
RELI	1311	World Religions	Transfer	
40 PHYSICAL SCIENCES				
Instructional programs that focus on the scientific study of inanimate objects, processes of matter and energy, and associated phenomena				
400101 Physical Sciences				
PHSC	1400	Physical Science	Transfer	Masters degree in Geology, Geophysics, Oceanography, Marine Biology, Earth Science or other geological sciences. Or Master's degree with 18 graduate hours in the above areas.
PHSC	1402	Introduction to Geology	Transfer	
PHSC	1404	Physical Geography	Transfer	
PHSC	1405	Physical Geography Lab	Transfer	
PHSC	1408	Astronomy	Transfer	Masters degree in Physics, Science, or Astronomy OR Masters degree with 18 graduate hours in above areas
400501 Chemistry, General				
CHEM	1802	Fundamentals of General Chem	Transfer	Masters degree in Chemistry or Biochemistry OR Masters degree with 18 graduate hours in chemistry.
CHEM	1806	College Chemistry I	Transfer	
CHEM	1808	College Chemistry II	Transfer	
CHEM	1814	Organic Chemistry I	Transfer	
CHEM	1816	Organic Chemistry II	Transfer	
400801 Physics, General				
PHYS	1600	Physics I	Transfer	Masters degree in Physics or Engineering OR Masters degree with 18 graduate hours in physics or related field
PHYS	1602	Physics II	Transfer	
42 PSYCHOLOGY				
Instructional programs that focus on the scientific study of the behavior of individuals, independently or collectively, and the physical and environmental bases of mental, emotional, and neurological activity				
420101 Psychology, General				
PSYC	1000	General Psychology	Transfer	Masters degree in Psychology or Masters degree with 18 graduate hours in Psychology or related field
PSYC	1006	Abnormal Psychology	Transfer	
PSYC	1012	Introduction to Counseling	Transfer	
PSYC	1014	Developmental Psychology	Transfer	
PSYC	1016	Social Psychology	Transfer	
PSYC	1026	Psychology Grief & Separation	Transfer	
PSYC	1027	Coping with Stress	Transfer	
PSYC	1033	Psychology of Serial Killers	Transfer	
PSYC	1130	Death & Dying	Transfer	
43 HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING AND RELATED PROTECTIVE SERVICES.				
Instructional programs that focus on the principles and procedures for providing homeland security, police, fire, and other safety services and managing penal institutions. Note: this series is titled "Security and Protective Services" in the Canadian CIP				
430102 Corrections				
CORR	1001	Introduction to Corrections	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Corrections and/or Criminal Justice coursework preferred or Bachelor's in field or related field. Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be
CORR	1002	KS Department of Corrections Basic Training	Technical	
CORR	1004	Case Management in Corrections	Technical	
CORR	1005	Psychology of Criminal Conduct	Technical	
CORR	1006	Correctional Supervision and Offender Management	Technical	
CORR	1008	Special Populations Correction	Technical	
CORR	1010	Correctional Institutions & Issues	Technical	

CORR	1011	Cultural & Relig Div in Corr	Technical	substituted with administrative approval.
CORR	1012	Ethical Decision Making in Correction	Technical	
CORR	1013	Legal Issues in Corrections	Technical	
CORR	1023	Oral Communications in the Correctional Environment	Technical	
CORR	1024	Corrections Report Writing	Technical	
430107	Criminal Justice/Police Science			
CRIM	1600	Intro to Criminal Justice	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours in Criminology, Law Enforcement and or related Criminal Justice coursework. Bachelor's degree in the field and/or tested experience including professional certification and/or minimum of two years of relevant professional employment may be substituted for select courses with administrative approval.
CRIM	1603	Pro Responsibility in CJ	Technical	
CRIM	1647	Narcotics Investigation	Transfer	
CRIM	1648	Law Enforce Ops and Procedures	Technical	
CRIM	1661	Criminal Procedures		
CRIM	1667	Crime Scene Investigation		
CRIM	1668	Police Defense Tactics		
CRIM	1685	Criminal Justice Capstone		
CRIM	1686	Agency Administration		
CRIM	1606	Intro to Law Enforcement	Transfer	
CRIM	1610	Criminology	Transfer	
CRIM	1612	Criminal Investigation	Transfer	
CRIM	1614	Criminal Law	Transfer	
CRIM	1620	Practicum Criminal Justice	Transfer	
CRIM	1623	Criminal Profiling	Transfer	
CRIM	1650	Corrections Internship	Transfer	
CRIM	1655	Law Enforcement Internship	Transfer	
CRIM	1651	Introduction to Corrections	Transfer	
CRIM	1659	CJ Interview & Report Writing	Transfer	
CRIM	1621	KLETC or Appropriate Law Enforcement Academy Training	Technical	KLETC or Appropriate Law Enforcement Academy Training Credit for this course will be applied upon completion of this third party industry credential at the Kansas Law Enforcement Training Center (KLETC).
CRIM	1658	Police Firearms	Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours in Criminology, Law Enforcement and or related Criminal Justice coursework. Bachelor's degree in the field and/or tested experience including NRA Instructor Certification and/or minimum of two years of relevant professional employment may be substituted for select courses with administrative approval.
CRIM	1642	Criminal Procedures I		
CRIM	1657	Arson Investigation		
43.0302	Crisis/Emergency/Disaster Management			
	A program focusing on the application of the incident command system model to formulating and implementing effective response to natural and man-made disasters. Includes instruction in contingency planning, hazard and risk assessment, joint operations, law and ethics, emergency response and recovery, event mitigation, emergency rescue and medical operations, incident command, terrorism and national security issues, law enforcement, relief administration, volunteer and citizen coordination, public relations and applications to specific types of incidents.			
EMHS	1100	Introduction to Terrorism	Technical	Course content related certification and 2-year degree in the field of EMHS and/or minimum of 3 years of related employment with administrative approval.
EMHS	1900	Emergency Planning	Technical	
EMHS	1905	Dev & Managing Volunteer Res	Technical	
EMHS	1906	Exercise Design, Mgmt & Eval	Technical	
EMHS	1907	Haz Mat Response Operations	Technical	Course content related certification and a minimum of 2 years experience in related field.
EMHS	1908	Mitigation for Emergency Mgmt	Technical	Course content related certification and 2-year degree in the field of EMHS and/or minimum of 3 years of related employment with administrative approval.
EMHS	1909	Basic Skills Emergency Manager	Technical	
EMHS	1910	Emergency Management Seminar	Technical	
EMHS	1952	Basic Incident Command System	Technical	
EMHS	1962	Disaster Site Worker	Technical	Course content related certification and a minimum of 2 years experience in related field.
EMHS	1963	Intro to Emergency Management	Technical	Course content related certification and 2-year degree in the field of EMHS and/or minimum of 3 years of related employment with administrative approval.
45	SOCIAL SCIENCES			
450101	Social Sciences, General			

GEOG	1819	World & Regional Geography		Transfer	Masters degree in Geography or Masters degree with 18 graduate hour in discipline
450201	Anthropology				
ANTH	1816	Cultural Anthropology		Transfer	Masters degree in Anthropology or Geography or Social Science or Masters degree with 18 graduate hour in discipline or related field
451001	Political Science and Government, General				
POLS	1800	Government of United States		Transfer	Masters degree in Government, Political Science, International Relations or Public Administration OR Masters degree with 18 graduate hours in government, political science, or International Relations or related field
POLS	1801	Intro to Political Science		Transfer	
POLS	1804	International Relations		Transfer	
POLS	1810	The Middle East in Modern Time		Transfer	
POLS	1815	Intro to UN & InternationalOrg		Transfer	
POLS	1828	State & Local Government		Transfer	
451101	Sociology				
SOCI	1100	Introduction to Sociology		Transfer	Masters degree in Sociology OR Masters degree with 18 graduate hours in sociology
SOCI	1102	Marriage & Family		Transfer	
SOCI	1104	Contemporary Social Problems		Transfer	
SOCI	1114	Human Sexuality		Transfer	
SOCI	1129	Cross Cultural Awareness		Transfer	
SOCI	1106	Intro to Social Work		Transfer	Masters degree in Sociology or MSW or Masters degree with 18 graduate hour in Sociology
SOCI	1110	Juvenile Delinquency/Justice		Transfer	
SOCI	1145	Parenting		Transfer	
46	CONSTRUCTION TRADES, GENERAL				
460201	Carpentry/Carpenter				
CRFT	1001	Introductory Craft Skills		Technical	Experience at a minimum journey or technician level in their area of expertise OR a minimum of three years' experience as as certified teacher in a vocational/technical construction or maintenance-related training program
CRPT	1001	Carpentry Basics		Technical	Associate degree or higher in carpentry or related field and/or professional certification and a minimum of two years of relevant professional experience.
CRPT	1010	Floors, Walls & Ceiling Framing		Technical	
CRPT	1020	Roof Framing		Technical	
CRPT	1030	Windows, Doors & Stairs		Technical	
460302	Electrician				
NATG	1100	DC Circuit Fundamentals		Technical	Associate degree or higher in related area and minimum of two years of relevant professional employment.
NATG	1105	AC Circuit Fundamentals		Technical	
460503	Plumbing Technology/Plumber				
PLMB	1001	Plumbing Safety		Technical	Associate degree or higher in plumbing or related field and/or professional certification and a minimum of two years of relevant professional experience.
PLMB	1010	Plumbing Systems		Technical	
PLMB	1020	Introduction to Plumbing		Technical	
PLMB	1030	Plumbing Fixtures & Fittings		Technical	
PLMB	1040	Commerical Drawing		Technical	
47	MECHANIC AND REPAIR TECHNOLOGIES/TECHNICIANS				
Instructional programs that prepare individuals to apply technical knowledge and skills in the adjustment, maintenance, part replacement, and repair of tools, equipment, and machines					
470604	Automobile/Automotive Mechanics Technology				
AUTO	1024	Auto Body Repair I		Technical	Associate degree in Auto Body Repair with a minimum of two years professional experience. ASE certification in Auto Body Repair is preferred, but not required.
AUTO	1026	Auto Body Repair II		Technical	
AUTO	1036	Auto Body Repair III		Technical	
AUTO	1060	Occupational Internship I		Technical	
AUTO	1100	Intro to Automotive Technology		Technical	
AUTO	1102	Brakes I		Technical	
AUTO	1104	Brakes II		Technical	
AUTO	1106	Steering & Suspension I		Technical	
AUTO	1107	Steering and Suspension II		Technical	
AUTO	1108	Engine Repair I		Technical	
AUTO	1110	Engine Repair II		Technical	
AUTO	1112	Electrical I		Technical	

AUTO	1114	Electrical II	Technical	Associate degree in Automotive Technology with Automotive Service Excellence (ASE) certification in the area of instruction with a minimum of two years professional experience.
AUTO	1116	Electrical III	Technical	
AUTO	1118	Automotive Air Conditioning	Technical	
AUTO	1120	Engine Performance I	Technical	
AUTO	1122	Engine Performance II	Technical	
AUTO	1124	Engine Performance III	Technical	
AUTO	1126	Manual Transmissions	Technical	
AUTO	1128	Automatic Transmissions	Technical	
AUTO	1130	Services Techniques I	Technical	
AUTO	1132	Services Techniques II	Technical	
AUTO	1134	Services Techniques III	Technical	
AUTO	1140	Hybrid & Electric Powertrains	Technical	
48 PRECISION PRODUCTION				
Instructional programs that prepare individuals to apply technical knowledge and skills to create products using techniques of precision craftsmanship or technical illustration				
480508	Welding Technology/Welder			
WELD	1349	Gas Tungsten Arc Welding	Technical	Associate degree or higher in welding and/or professional certification and minimum of two years of relevant professional employment.
WELD	1350	Shielded Metal Arc Welding	Technical	
WELD	1351	Gas Metal Arc Welding	Technical	
WELD	1352	Cutting Processes	Technical	
WELD	1353	Blueprint Reading - Welding	Technical	
WELD	1354	Welding Safety/OSHA 10	Technical	
50 VISUAL AND PERFORMING ARTS				
Instructional programs that focus on the creation and interpretation of works and performances that use auditory, kinesthetic, and visual phenomena to express ideas and emotions in various forms, subject to aesthetic criteria				
500301	Dance, General			
DANC	1001	Perform w/Barton Dance Theatre	Transfer	Masters degree in Dance OR MFA with an emphasis in Dance OR Masters degree in a related area with 18 graduate hours in Dance
DANC	1003	Dancing for Mobility	Transfer	
DANC	1020	Modern Dance I	Transfer	
DANC	1030	Modern Dance II	Transfer	
DANC	1035	Ballet I	Transfer	
DANC	1036	Ballet II	Transfer	
DANC	1040	History or Dance I	Transfer	
DANC	1100	Jazz Dance I	Transfer	
500409	Graphic Design			
GRPH	1030	Web Page Design	Transfer	Masters degree in Graphic Design OR Masters degree with 18 graduate hours in Graphic Design or related field
GRPH	1048	Multimedia Presentations	Transfer	
GRPH	1049	Web Site Construction	Transfer	
GRPH	1054	Digital Image Editing	Transfer	
GRPH	1056	Vector Image Development	Transfer	
GRPH	1062	Digital Image Editing II	Transfer	
500501	Drama and Dramatics/Theatre Arts, General			
THEA	1300	Introduction to the Theatre	Transfer	MFA or MA degree in Theatre or Drama OR Masters or MFA degree in related field with 18 graduate hours in theatre or drama or related field
THEA	1301	Dir Ind Study/Theatre	Transfer	
THEA	1302	Acting I	Transfer	
THEA	1304	Acting II	Transfer	
THEA	1306	Play Production	Transfer	
THEA	1310	Stagecraft	Transfer	
THEA	1327	Creative Dramatics: Children	Transfer	
THEA	1328	Make-Up for the Theatre	Transfer	
THEA	1315	Introduction to Film	Transfer	MFA / MA degree in Arts with a concentration in Film or MFA /MA with 18 graduate hours in Film or significant work experience in the area of concentration
THEA	1330	Introduction to Film	Transfer	
500701	Art/Art Studies, General			
ARTS	1200	Art Appreciation	Transfer	

ARTS	1201	Art History Survey I	Transfer
ARTS	1202	Design I	Transfer
ARTS	1203	Art History Survey II	Transfer
ARTS	1206	Directed Independent Study/Art	Transfer
ARTS	1209	Watercolor Painting I	Transfer
ARTS	1210	Painting I	Transfer
ARTS	1211	Watercolor Painting II	Transfer
ARTS	1212	Painting II	Transfer
ARTS	1214	Drawing I	Transfer
ARTS	1216	Drawing II	Transfer
ARTS	1217	Painting Seminar	Transfer
ARTS	1222	Ceramics I	Transfer
ARTS	1224	Ceramics II	Transfer
ARTS	1225	Ceramics Seminar-Potters Wheel	Transfer
ARTS	1232	Individual Art Projects	Transfer
ARTS	1234	Photography I	Transfer
ARTS	1235	Photography II	Transfer
ARTS	1245	Computer Graphics	Transfer
ARTS	1246	Digital Photography I	Transfer
ARTS	1251	Textiles and Fibers	Transfer

Masters in Art or Studio Art or Fine Art OR Masters degree with 18 graduate hours in art

500901 Music, General

MUSI	1000	Beginning Guitar	Transfer
MUSI	1005	Instrumental Ensemble	Transfer
MUSI	1006	Community College Orchestra	Transfer
MUSI	1007	Pep Band	Transfer
MUSI	1008	Band	Transfer
MUSI	1009	Jazz Ensemble	Transfer
MUSI	1010	Choir	Transfer
MUSI	1014	Vocal Ensemble	Transfer
MUSI	1038	Private Voice	Transfer
MUSI	1039	Private Voice Lab	Transfer
MUSI	1040	Class Voice	Transfer
MUSI	1042	Class Piano A	Transfer
MUSI	1043	Adult Beginning Piano	Transfer
MUSI	1044	Class Piano B	Transfer
MUSI	1045	Adult Intermediate Piano	Transfer
MUSI	1046	Class Piano C	Transfer
MUSI	1048	Class Piano D	Transfer
MUSI	1049	Applied Piano-Adults	Transfer
MUSI	1051	Applied Piano	Transfer
MUSI	1052	Organ	Transfer
MUSI	1054	Applied Music Individual-Flute	Transfer
MUSI	1056	Applied Music Indiv-Clarinet	Transfer
MUSI	1058	Applied Music Indiv-Oboe	Transfer
MUSI	1059	Applied Music Indiv-Bass	Transfer
MUSI	1060	Applied Music Indiv-Bassoon	Transfer
MUSI	1061	Applied Music Indiv-Violin	Transfer
MUSI	1062	Applied Music Indiv-Percussion	Transfer
MUSI	1063	Applied Music Indiv-Viola	Transfer
MUSI	1064	Applied Music Indiv-Trumpet	Transfer
MUSI	1065	Applied Music Indiv-Cello	Transfer
MUSI	1066	Appl Music Indiv-French Horn	Transfer
MUSI	1068	Applied Music Indiv-Trombone	Transfer
MUSI	1070	Applied Music Indiv-Tuba	Transfer
MUSI	1072	Applied Music Indiv-Saxophone	Transfer

Bachelors degree in Music, Music Education OR documentation of relevant experience and/or qualifications in activities being taught.

MUSI	1074	Applied Music Indiv-Baritone	Transfer	
MUSI	1075	App Music Ind Classical Guitar	Transfer	
MUSI	1076	Applied Music Indiv-Jazz Piano	Transfer	
MUSI	1086	Jazz Improvisation I	Transfer	
MUSI	1088	Jazz Improvisation II	Transfer	
MUSI	1001	Dir Ind Study/Instr Music	Transfer	
MUSI	1002	Introduction to Music	Transfer	
MUSI	1016	Aural Skills I	Transfer	
MUSI	1018	Harmony I	Transfer	
MUSI	1020	Aural Skills II	Transfer	
MUSI	1022	Harmony II	Transfer	
MUSI	1026	Aural Skills III	Transfer	
MUSI	1027	Aural Skills IV	Transfer	
MUSI	1028	Harmony III	Transfer	
MUSI	1034	Harmony IV	Transfer	

Masters degree in Music or Music Education with proficiency in the teaching discipline OR Masters degree with 18 graduate hours in music or music education with proficiency in the teaching discipline

51 HEALTH PROFESSIONS AND RELATED PROGRAMS

Instructional programs that prepare individuals to practice as licensed professionals and assistants in the health care professions and related clinical sciences and administrative and support services.

510801 Medical/Clinical Assistant

MDAS	1609	Healthcare Professional Development	Technical
MDAS	1615	Medical Assistant Internship	Technical
MDAS	1642	Medical Coding Internship	Technical
MDAS	1644	Basic Medical Lab Techniques	Technical
MDAS	1646	Emergency Preparedness	Technical
MDAS	1648	Medication Administration	Technical
MDAS	1650	Medical Professional Issues	Technical
MDAS	1652	Patient Care I	Technical
MDAS	1653	Patient Care II	Technical
MDAS	1655	Medical Administrative Aspects	Technical
MDAS	1657	Legal/Ethical Issues in Health	Technical
MDAS	1670	Medical Style & Grammar	Technical
MDAS	1671	Healthcare Doc & Transcrip I	Technical
MDAS	1672	Medical Terminology	Technical
MDAS	1673	Medical Coding I	Technical
MDAS	1674	Medical Coding II	Technical
MDAS	1675	Medical Coding III	Technical
MDAS	1677	Healthcare Doc & Transcrip II	Technical
MDAS	1679	Healthcare Doc & Trans Specialist Practicum	Technical
MDAS	1680	Basic Pharmacology	Technical
MDAS	1683	Cardiopulmonary Resuscitation	Technical

Masters in the field or Masters in a related field with 18 graduate credit hours in relevant Health Care coursework preferred or Bachelor's in the field or related Health Care field. Tested Experience including professional certification in a health care discipline and/or minimum of two years of relevant professional employment may be substituted with administrative approval.

510805 Pharmacy Technician/Assistant

PHRM	1000	Orientation to Pharmacy Tech	Technical
PHRM	1001	Pharmacology	Technical
PHRM	1002	Pharmacy Calculations	Technical
PHRM	1003	Pharmacy Operations	Technical
PHRM	1004	Pharmacy Technician Topics	Technical
PHRM	1005	Pharmacy Technician Internship	Technical
PHRM	1006	Advanced Pharmacy Operations	Technical

Minimum certification as a Pharmacy Technician with a minimum of two years of relevant professional employment.

510904 Emergency Medical Technology/Technician

EMTS	1500	Emergency Medical Technician	Technical
EMTS	1504	EMT & Refresher Seminar II	Technical

Professional certification as an EMT or higher with minimum of two years of professional experience. Training Officer I certification required with Instructor Coordinator may be selectred based on Kansas Board of Emergency Medical Services requirements which permit an instructor to teach under the instruction and mentoring of a certified instructor Coordinator until certification is achieved. Preference is given to applicant with an Associate Degree

Certified at the minimum level for specialization addressed during seminar.

	EMTS	1506	EMS Instructor/Coordinator	Technical	Master's in Education with minimum of two years of professional experience
	EMTS	1513	Advanced Emergency Med Tech	Technical	Professional certification as an AEMT or higher with minimum of two years of professional experience. Training Officer I certification required with Instructor Coordinator certification. Applicants not yet designated as an Instructor Coordinator may be selected based on Kansas Board of EMS requirements that permit an instructor to teach under the instruction and mentoring of a certified Instructor Coordinator until certification is achieved. Preference is given to applicant with Associate degree.
	EMTS	1540	Paramedic I	Technical	Professional certification as a Paramedic with minimum of two years of professional experience. Training Officer I certification required with Instructor Coordinator certification. Applicants not yet designated as an Instructor Coordinator may be selected based on Kansas Board of EMS requirements that permit an instructor to teach under the instruction and mentoring of a certified Instructor Coordinator until certification is achieved. Preference is given to applicant with Associate degree.
	EMTS	1541	Paramedic II	Technical	
	EMTS	1542	Paramedic III	Technical	
	EMTS	1543	Paramedic IV	Technical	
510904	EMTS	1527	Emergency Medical Responder	Technical	Professional certification as a EMT or higher with minimum of two years of professional experience. Applicants not yet designated as an Instructor Coordinator may be selected based on Kansas Board of EMS requirements that permit an instructor to teach under the instruction and mentoring of a certified Instructor Coordinator until certification is achieved. Preference is given to applicant with Associate degree.
		1550	EMS TO I	Technical	Kansas Board of Emergency Medical Services Instructor Coordinator certification with minimum of two years of professional experience. Applicants not yet designated as an Instructor
		1551	EMS TO II	Technical	
511004	Clinical/Medical Laboratory Technician				Associate degree or higher in Medical Laboratory Technology with national Medical Laboratory Technician certification and minimum of two years of professional experience.
	MLTC	1500	MLT:Intro/Med Lab,Urin,Body Fl	Technical	
	MLTC	1501	Phlebotomy Clinical	Technical	
	MLTC	1502	Hematology & Coagulation	Technical	
	MLTC	1503	Principles of Phlebotomy	Technical	
	MLTC	1504	Clinical Chemistry I	Technical	
	MLTC	1505	MLT:Clinical Microbiology I	Technical	
	MLTC	1506	MLT:Clinical Microbiology II	Technical	
	MLTC	1508	MLT:Blood Banking	Technical	
	MLTC	1509	MLT:Immunology & Serology	Technical	
	MLTC	1510	MLT:Clinical Chemistry II	Technical	
	MLTC	1511	MLT:Sem in Laboratory Medicine	Technical	
	MLTC	1513	MLT:Capstone Sem in Lab Med	Technical	
	MLTC	1514	Med Lab:Directed Studies	Technical	
	MLTC	1519	MLT Clinical Practicum I	Technical	
	MLTC	1520	MLT Clinical Practicum II	Technical	
51.2206	Occupational Health and Industrial Hygiene				A program that prepares public health specialists to monitor and evaluate health and related safety standards in industrial, commercial, and government workplaces and facilities. Includes instruction in occupational health and safety standards and regulations; health-related aspects of various occupations and work environments; health hazard testing and evaluation; test equipment operation and maintenance; industrial toxicology; worker health and safety education; and the analysis and testing of job-related equipment, behavior practices, and protective devices and procedures.
	OSHA	1006	Permit Required Confined Space	Technical	
	OSHA	1007	Guide to Industrial Hygiene	Technical	
	OSHA	1008	Principles of Ergonomics	Technical	
	OSHA	1009	Fall Protection	Technical	
	OSHA	1010	Electrical Standards	Technical	
	OSHA	1011	Excav, Trench & Soil Mechanics	Technical	
	OSHA	1012	Hazardous Materials	Technical	
	OSHA	1013	Machinery & Machine Guard Stand	Technical	
	OSHA	1914	OSHA General Industry Regs	Technical	
	OSHA	1924	Intro to Standards for Construction Industry	Technical	
	OSHA	1926	OSHA Construct Industry Regs	Technical	
	OSHA	1927	Fundamentals of Occupational Safety & Health Construction Industry	Technical	

OSHA	1928	Fundamentals of OSHA Gen Ind	Technical	
OSHA	1929	Introduction to Fire Prevention	Technical	
OSHA	1930	Practicum in Occupational Safety & Health	Technical	
OSHA	1931	Safety Training Methods for Adult Learners	Technical	
OSHA	1932	Work Practices Controls/Safety Audits	Technical	
OSHA	1933	Workplace Accident Investigation	Technical	
OSHA	1934	Instruction Methods for Adult Learners	Technical	2-year degree and course content related certification and/or minimum of 3 years of related employment may be substituted with administrative approval.
OSHA	1970	Trainer Course for the Construction Industry	Technical	OSHA Authorized Outreach Trainer in Construction Industry, 3-5 years of related employment, OSHA DOL equivalent course completion, demonstrated ability to effectively deliver training and education to adults.
OSHA	1971	OSHA Trainer Standards Gen Ind	Technical	OSHA Authorized Outreach Trainer in General Industry, 3-5 years of related employment, OSHA DOL equivalent course completion, demonstrated ability to effectively deliver training and education to adults.
OSHA	1972	OSHA 2225 Respiratory Protect	Technical	2-year degree in the OSH (or closely related) field, 3-5 years of related employment, OSHA DOL equivalent course completion, demonstrated ability to effectively deliver training and education to adults.
OSHA	5020	Construction Industry Trainer Update	Technical	OSHA Authorized Outreach Trainer in Construction Industry, 3-5 years of related employment, OSHA DOL equivalent course completion, demonstrated ability to effectively deliver training and education to adults.
OSHA	5030	General Industry Trainer Update	Technical	OSHA Authorized Outreach Trainer in General Industry, 3-5 years of related employment, OSHA DOL equivalent course completion, demonstrated ability to effectively deliver training and education to adults.
512603 Medication Aide				
NAID	1235	Medication Aide	Technical	Current, unencumbered Kansas Registered Nurse license and Kansas Department of Aging & Disability Services (KDADS) instructor certification
513104				
DIET	1630	Sanitation & Mgmt of Food Syst	Technical	Masters in Nutrition Programs and/or Bachelor's in Dietetics, Nutrition or other health science field, designation as a Registered Dietician and minimum of two years of relevant professional employment.
DIET	1631	Nutrition Therapy	Technical	
DIET	1632	Human Resource Management	Technical	
DIET	1633	Fld Exp Sani & Mgt of Food Sys	Technical	
DIET	1634	Field Experience in Nutrition	Technical	
DIET	1635	Fld Exp in Human Resources Mgt	Technical	
HOME	1501	Basic Nutrition	Technical	
513801 Registered Nursing/Registered Nurse.				
ADHC	1987	Med, Ther, & Supportive Serv	Technical	Current, unencumbered Kansas Registered Nurse license and Kansas Department of Aging & Disability Services (KDADS) instructor certification
NURS	1207	Mental Health I	Technical	Kansas State Board of Nursing (KSBN) Requirements - possess a current unencumbered Kansas Registered Nurse license AND 1) Each nurse faculty member who is assigned the responsibility of a course shall hold a graduate degree. Each person who is hired as a nurse faculty member after July 1, 2001 shall have a graduate degree in nursing, preferably in the clinical area being taught, except for any person whose graduate degree is conferred before July 1, 2001. 2) Each nurse faculty member responsible for clinical instruction shall possess a graduate degree or provide to the board a faculty degree plan that projects completion of a graduate degree. Each person who is hired as a nurse faculty member responsible for clinical instruction after July 1, 2001 shall meet one of the following: a) Have a graduate degree in nursing, preferably in the clinical area being taught, except for any person whose graduate degree is conferred on or before July 1, 2001; OR b) Provide to the board a faculty degree plan that projects completion of a graduate degree with the graduate degree to be in nursing if the degree is projected to be completed after July 1, 2001. Barton Requirement - minimum of two years professional experience pertinent to teaching area. Accreditation Commission for Education in Nursing (ACEN) Requirements: Registered Nursing program - full-time faculty hold a minimum of a graduate degree with a major in nursing. This includes those individuals teaching
NURS	1208	Mental Health Nursing II	Technical	
NURS	1222	ADN:Making the Transition	Technical	
NURS	1228	Pharmacology for Nurses	Technical	
NURS	1255	Medical Surgical Nursing I	Technical	
NURS	1257	Medical Surgical Nursing III	Technical	
NURS	1258	Maternal-Child Nursing I	Technical	
NURS	1259	Maternal Child Nursing II	Technical	
NURS	1261	Medical-Surgical Nursing IV	Technical	

NURS	1264	RN Leadership and Management	Technical	Have a minimum of a graduate degree with a major in nursing. This includes those methods teaching and/or evaluating students in classroom, clinical, or laboratory settings.
NURS	1265	PN Transition into Nursing	Technical	
513901 Licensed Practical/Vocational Nurse Training.				
NURS	1206	Fundamentals of Nursing	Technical	Kansas State Board of Nursing (KSBN) Requirements-posses a current, unencumbered Kansas Registered Nurse license AND 1) "Each nurse faculty member who is assigned the responsibility of a course shall hold a baccalaureate degree . Each person who is hired as a nurse faculty member after July 1, 2001 shall have a baccalaureate or highest degree in nursing except for any person whose degree is conferred on or before July 1, 2001". 2) Each nurse faculty member responsible for clinical instruction shall possess a baccalaureate degree or provide to the board a faculty degree plan that projects completion of a baccalaureate degree. Each person who is hired as a nurse faculty member responsible for clinical instruction after July 1, 2001 shall meet one of the following requirements: a) Have a baccalaureate or higher degree in nursing, except for any person whose degree is conferred on or before July 1, 2001; OR b) provide to the board a faculty degree plan that projects completion of a baccalaureate or higher degree, with the degree to be in nursing if the degree is projected to be completed after July 1, 2001. Barton Requirement-minimum of two years professional experience pertinent to teaching area.
NURS	1228	Pharmacology for Nurses	Technical	
NURS	1258	Maternal Child Nursing I	Technical	
NURS	1210	Gerontological Nursing	Technical	
NURS	1256	Medical Surgical Nursing II	Technical	
NURS	1265	PN Transition into Nursing Practice	Technical	
513902 Nursing Assistant/Aide and Patient Care Assistant/Aide.				
NAID	1229	Nursing Home Aide	Technical	Current, unencumbered Kansas Registered Nurse license and at least 1,750 hours of long-term care experience as a licensed nurse (Licensed Practical Nurse or Registered Nurse) and Kansas Department of Aging & Disability Services (KDADS) Instructor Certification
52 BUSINESS, MANAGEMENT, MARKETING, AND RELATED SUPPORT SERVICES				
Instructional programs that prepare individuals to perform managerial, technical support, and applied research functions related to the operation of commercial and non-profit enterprises and the buying and selling of goods and services				
520401	BSTC	1643	Human Resource Management	Technical Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Business Administration, Human Resource Management and Management coursework) or Bachelor's in the field or related field (Business Administration, Human resource Management and Management). Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
	BSTC	1685	Spreadsheet Applications	Technical Masters in the field or Masters in a related field with 18 graduate credit hours in Information Technology coursework or Bachelor's in Information Technology or related field. Tested Experience including professional certification and/or minimum or two years of relevant professional employment may be substituted with administrative approval.
	BSTC	1724	Salesmanship	Technical
520101	BUSI	1600	Introduction to Business	Technical
	BUSI	1603	Introduction to Finance	Transfer
	BUSI	1604	Small Business Management	Transfer
	BUSI	1608	Business Law I	Transfer
	BUSI	1609	Business Statistics	Transfer
	BUSI	1610	Business Statistics Lab	Transfer
	BUSI	1630	Income Tax Preparation	Transfer
520102	BUSI	1647	Money & Banking	Transfer
521001	BUSI	1780	Total Quality Management	Transfer
	BUSI	1783	Process Management	Transfer
520401	BUSI	1800	Business Communications	Transfer Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Business Administration, Business Education and/or Communication coursework).

	BUSI	1802	Payroll Procedures	Technical	Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Accounting, Business Administration, Finance, Management, Marketing and/or Economics coursework) or Bachelor's in the field or related field (Accounting, Business Administration, Finance, Management, Marketing, and/or Economics). Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
520101	BUSI	1602	Introduction to Leadership	Technical/Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours preferred (Accounting, Business Administration, Finance, Management, Marketing, Leadership, Economics) or Bachelor's in the field or related field (Accounting, Business Administration, Finance, Management, Marketing, or Economics). Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
	BUSI	1607	Business Ethics	Technical	
	BUSI	1702	Supervisory Development	Technical	
521001	BUSI	1803	Principles of Management	Technical/Transfer	
	BUSI	1804	Human Relations in Business	Technical	
	BUSI	1805	Marketing	Technical	
	BUSI	1807	Customer Service	Technical	
520101	BUSI	1808	DC1 Basic Concepts	Technical	
	BUSI	1809	DC2 Compliance Issues	Technical	
	BUSI	1812	Retirement Plan Fundamentals I	Technical	
	BUSI	1813	Retirement Plan Fundamentals-2	Technical	Associates degree or higher and/or valid and current industry-recognized credential (if applicable) and/or minimum of two years of work experience in specific field with demonstrated skills relevant to the course.
	BUSI	1816	TCPIC I	Technical	
	BUSI	1817	TGPC II	Technical	
	BUSI	1814	Entrepreneurship I	Technical	Preference is given to individual with minimum of two years of experience as an Entrepreneur with consideration given to applicants with a Masters in the field or Masters in a related field with 18 graduate credit hours (Accounting, Business Administration, Entrepreneurship, Finance, Management, Marketing, and/or Economics) or Bachelor's in the field or related field (Accounting, Business Administration, Finance, Management, Marketing, Entrepreneurship,
	BUSI	1815	Intro to Entrepreneurship	Technical	
	LEAD	1000	Intro to Leadership Concepts	Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours (Accounting, Business Administration, Finance, Management, Marketing, Leadership, Economics)
521001	LEAD	1002	Leadership & Mgmt Seminar I	Transfer	
520401	OFTC	1600	Beginning Keyboarding	NA	Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Accounting, Business Administration, Business Education, Finance, Management, Economics or Information Technology) or Bachelor's in the field or related field (Accounting, Business Administration, Business Education, Finance, Management, Economics, Information Technology). Tested Experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval.
	OFTC	1601	Keyboarding I	NA	
	OFTC	1603	Keyboarding II	NA	
	OFTC	1621	Business Admin Procedures	NA	
	OFTC	1650	Ten Key Mastery	NA	
	OFTC	1666	Records Management	NA	
	OFTC	1696	Word Processing Applications	NA	
	OFTC	1697	Adv WP Applications & Proced		
520101	BUSI	1824	Introduction to Investments		Masters in the field or Masters in a related field with 18 graduate credit hours (Accounting, Business Administration, Finance, Management and/or Economics coursework).
520101	ECON	1610	Principles of Macroeconomics	Transfer	
	ECON	1612	Principles of Microeconomics	Transfer	
	ECON	1615	Personal Finance	Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours preferred (combination of Accounting, Business Administration, Finance, Management and Economics) or Bachelor's in the field or related field (Accounting, Business Administration, Finance, Management or Economics).
520301			Accounting		Masters in the field or Masters in a related field with 18 graduate credit hours (Accounting, Business Administration, Finance, Management and/or Economics coursework).
	ACCT	1602	General Accounting	Transfer	
	ACCT	1611	Microcomputer Account Appl	Transfer	
	ACCT	1614	Accounting I	Transfer	
	ACCT	1616	Accounting II	Transfer	
	ACCT	1618	Managerial Accounting	Transfer	
	ACCT	1640	Accounting-Business Operations		

ACCT	1641	Accounting-Invest & Financing		
ACCT	1625	Technical Accounting Capstone	Transfer	Masters in the field or Masters in a related field with 18 graduate credit hours (combination of Accounting, Business, Finance, Management, Marketing and/or Economics coursework with preference to Accounting Classes). Tested experience including professional certification and/or minimum of two years of relevant professional employment may be substituted with administrative approval
54 HISTORY				
Instructional programs that focus on the study and interpretation of past events, institutions, issues, and cultures				
540101				
HIST	1400	American History to 1877	Transfer	Masters degree in History, American Civilization or American Studies OR Masters degree with 18 graduate hours in history or related field
HIST	1401	American History 1865 to Pres	Transfer	
HIST	1402	American History 1877-Present	Transfer	
HIST	1403	American History to 1865	Transfer	
HIST	1404	American West	Transfer	
HIST	1406	History of Kansas	Transfer	
HIST	1408	Western Civilization to 1500	Transfer	
HIST	1409	Hist & Phil Western cul to1500	Transfer	
HIST	1410	Western Civilization 1500-Pres	Transfer	
HIST	1411	Hist&Phil West Cul 1500 - Pres	Transfer	
HIST	1413	West Civ 1500-Present Honors	Transfer	
HIST	1416	American Military History	Transfer	
HIST	1425	Women & The American Experience	Transfer	
HIST	1440	Seminar in History	Transfer	
HIST	1450	History or World Civ to 1500	Transfer	
HIST	1452	History of World Civ 1500-Pres	Transfer	
HIST	1460	Military Hist/Amer Revolution	Transfer	
HIST	1461	Military Hist/Amer Civil War	Transfer	
HIST	1462	Military Hist/First World War	Transfer	
HIST	1463	Military Hist/Second World War	Transfer	
HIST	1465	Military Hist/Vietnam War	Transfer	