

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
WSU Tech	ARU 130	ELECTRICAL ASSEMBLY	4	T	502	AEROSTRUCTURES ASSEMBLY	687	Aeronautical/Aerospace Engineering Technology/Technician 15.0801
WSU Tech	AER 116	HAND AND POWER TOOLS FOR AEROSPACE TOOLING	1	T	330	CONSTRUCTION/TOOLS	687	Aeronautical/Aerospace Engineering Technology/Technician 15.0801
Fort Hays Tech North Central	AET109	DIESEL AND GASOLINE ENGINES	5	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT146	DIESEL ELECTRICAL SYSTEMS	1	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT146	DIESEL ELECTRICAL SYSTEMS	1	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1225	DIESEL ENGINE THEORY AND OVERHAUL	4	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Fort Hays Tech North Central	AET116	DIESEL ENGINES	4	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT248	DIESEL FUEL SYSTEMS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT247	ELECTRICAL ACCESSORIES DIAGNOSIS AND REPAIR	3	T	52	AUTOMOTIVE TECHNOLOGY	124	Ag Mechanics/Equip/MachineTech 01.0205
Fort Hays Tech North Central	AET114	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	124	Ag Mechanics/Equip/MachineTech 01.0205
Fort Hays Tech North Central	AET105Z	ELECTRICAL SYSTEMS	4	T	79	ELECTRICAL	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1227	EMISSION SYSTEMS AND DIAGNOSTICS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT141	FUNDAMENTALS OF ENGINES	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1220	INTRODUCTION TO DC ELECTRICAL SYSTEMS	3	T	79	ELECTRICAL	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1226	INTRODUCTION TO FUEL SYSTEMS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Ft. Scott CC	AGT2013	JOHN DEERE AG HYDRAULICS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Ft. Scott CC	AGT1033	JOHN DEERE ELECTRICAL SYSTEMS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Ft. Scott CC	AGT2053	JOHN DEERE HEATING AND AIR CONDITIONING	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Ft. Scott CC	AGT2023	JOHN DEERE POWER TRAINS	3	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205

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Fort Hays Tech North Central	AET205	POWER TRAINS	4	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1228	POWERTRAINS/TRANSMISSIONS	4	T	19	DIESEL	124	Ag Mechanics/Equip/MachineTech 01.0205
Pratt CC	APT101	WELDING I	2	T	32	WELDING	124	Ag Mechanics/Equip/MachineTech 01.0205
Cowley County CC	AGR1206	AG ELECTRICAL & ELECTRONICS	3	T	124	AG/EQUIPMENT	690	Ag Production Operations/General 01.0301
WSU Tech	AFV 110	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	699	Alternative Fuel Vehicle Technology/Technician 47.0614
WSU Tech	AFV 120	ELECTRICAL II	3	T	52	AUTOMOTIVE TECHNOLOGY	699	Alternative Fuel Vehicle Technology/Technician 47.0614
WSU Tech	AFV 225	ELECTRICAL III	2	T	79	ELECTRICAL	699	Alternative Fuel Vehicle Technology/Technician 47.0614
Kansas City Kansas CC	MAPR0222	ADVANCED REFRIGERATION	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	236	Appliance Install & Repair Technology/Technician 47.0106
Kansas City Kansas CC	MAPR0108	BASIC ELECTRICITY	3	T	79	ELECTRICAL	236	Appliance Install & Repair Technology/Technician 47.0106
Kansas City Kansas CC	MAPR0140	BRAZING/SWAGING/SILVER AND SOFT SOLDERING	3	T	547	WELDING/BRAZING /SOLDERING	236	Appliance Install & Repair Technology/Technician 47.0106
Kansas City Kansas CC	MAPR0100	ELECTRICAL SAFETY AND TOOLS OF THE TRADE	2	T	22	SAFETY	236	Appliance Install & Repair Technology/Technician 47.0106
Kansas City Kansas CC	MAPR0112	FUNDAMENTALS OF REFRIGERATION	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	236	Appliance Install & Repair Technology/Technician 47.0106
Seward County CC	ID1123	BODY SHOP WELDING	3	T	32	WELDING	438	Autobody/Collision & Repair Technology/Technician 47.0603
Hutchinson CC	EE117	CONDUIT FABRICATION	1	T	79	ELECTRICAL	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	CMGT 225	CONSTRUCTION DOCUMENTS	2	T	511	CONSTRUCTION/MANAGEMENT	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	CMGT 129	CONSTRUCTION MANAGEMENT	3	T	511	CONSTRUCTION/MANAGEMENT	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	CMGT 105	CONSTRUCTION METHODS	3	T	474	CONSTRUCTION/MATERIALS	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	CMGT 150	CONSTRUCTION SAFETY/OSHA-30	3	T	116	SAFETY/OSHA	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	CMGT 125	CONSTRUCTION SPECIFICATIONS	2	T	511	CONSTRUCTION/MANAGEMENT	684	Automation Engineer Technology/Technician 15.0406

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Hutchinson CC	AE101	DIGITAL MULTIMETER PRINCIPLES	1	T	79	ELECTRICAL	684	Automation Engineer Technology/Technician 15.0406
Kansas City Kansas CC	AMFT0150	ELECTRICAL MOTOR CONTROLS	3	T	376	ELECTRICAL/CONTROLS	684	Automation Engineer Technology/Technician 15.0406
Kansas City Kansas CC	AMFT0130	GMAW (GAS METAL ARC WELDING /MIG WELDING)	3	T	32	WELDING	684	Automation Engineer Technology/Technician 15.0406
Johnson County CC	ELTE 225	INDUSTRIAL WIRING I	3	T	297	ELECTRICAL/WIRING	684	Automation Engineer Technology/Technician 15.0406
Hutchinson CC	EE126	NEC CODEOLOGY	1	T	248	ELECTRICAL/CODES	684	Automation Engineer Technology/Technician 15.0406
Fort Hays Tech North Central	AMT200	ADVANCED ELECTRICITY	3	T	79	ELECTRICAL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 155	AUTOMOTIVE DIESEL TECHNOLOGIES	1	T	19	DIESEL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Johnson County CC	AUTO 237	DIESEL AND HYBRID VEHICLES MAINTENANCE AND LIGHT REPAIR	3	T	530	HYBRID/ELECTRIC VEHICLES	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Johnson County CC	AUTO 130	DIESEL FUNDAMENTALS	2	T	19	DIESEL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
WSU Tech	TAS 225	ELECTRICAL III	2	T	79	ELECTRICAL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Johnson County CC	AUTO 214	ELECTRICAL III	4	T	79	ELECTRICAL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Pratt CC	AMC235	ELECTRICAL III	3	T	79	ELECTRICAL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Dodge City CC	DIE 126	LIGHT DIESEL VEHICLE DIAGNOSIS AND REPAIR	3	T	19	DIESEL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Flint Hills Tech Col	AMT 234	LIGHT DUTY DIESEL	4	T	19	DIESEL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Fort Hays Tech North Central	AMT207	LIGHT DUTY DIESEL SYSTEMS	4	T	19	DIESEL	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
WSU Tech	AMT 167	AIRCRAFT WELDING	1	T	126	AMT/AIRFRAME	3	Aviation/Airframe/Powerplant/General Maintenance Tech (AMT)47.0607 & 47.0608
WSU Tech	AMT 151	AIRCRAFT ELECTRICAL SYSTEMS	5	T	126	AMT/AIRFRAME	3	AviationMaintenanceTech (Airframe/Powerplant/General) 47.0607 & 47.0608
WSU Tech	AMT 113	BASIC ELECTRICITY	4	T	79	ELECTRICAL	3	AviationMaintenanceTech (Airframe/Powerplant/General) 47.0607 & 47.0608

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WSU Tech	AVT 166	ADVANCED WIRING	3	T	297	ELECTRICAL/WIRING	36	Avionics Maintenance Technology/Technician 47.0609
Butler CC	CN 224	ADVANCED MASONRY TECHNIQUES	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 140	ARCHITECTURAL BLUEPRINT READING	3	T	132	CONSTRUCTION	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 240	CABINET CONSTRUCTION & INSTALLATION	5	T	153	CABINETMAKING	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 151	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 107	CEILINGS, WALLS AND BUILDING SYSTEMS	3	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 171	COMMERCIAL FRAME CONST I	5	T	473	CONSTRUCTION/CARPENTRY	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 172	COMMERCIAL FRAME CONST II	5	T	473	CONSTRUCTION/CARPENTRY	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 161	CONCRETE AND FORMING	3	T	443	CONSTRUCTION/CONCRETE	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 205	CONSTRUCTION MANAGEMENT	3	T	511	CONSTRUCTION/MANAGEMENT	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 165	CONSTRUCTION TECH I	5	T	132	CONSTRUCTION	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 166	CONSTRUCTION TECH II	5	T	132	CONSTRUCTION	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 102	CRAFT FUNDAMENTALS	2	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 105	FLOORS AND STAIRS	3	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 106	FLOORS WALLS CEILING FRAME	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 101	INTRO CONSTRUCTION INDUSTRY SAFETY	1	T	22	SAFETY	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 103	INTRO TO CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 103	INTRODUCTION TO CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	686	Building Construction Technology/Technician 46.0415

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Butler CC	CN 202	INTRODUCTION TO ELECTRICAL	3	T	79	ELECTRICAL	687	Building Construction Technology/Technician 46.0415
Butler CC	CN 204	INTRODUCTION TO HVAC AND PLUMBING	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 203	INTRODUCTION TO MASONRY	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 120	MASONRY CAREER INTRODUCTION	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 122	MASONRY CRAFT SKILLS	4	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 121	MASONRY FUNDAMENTALS	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 223	MASONRY METAL WORK	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 222	MASONRY QUALITY CONTROL	2	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 101	OSHA 10HR-CONSTRUCTION INDUSTRY	1	T	116	SAFETY/OSHA	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 221	RESIDENTIAL MASONRY	3	T	407	CONSTRUCTION/MASONRY	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 104	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ROOF FRAMING	686	Building Construction Technology/Technician 46.0415
Butler CC	CN 200	ROOFING AND EXTERIORS	3	T	631	CONSTRUCTION/CARPENTRY/ROOF FRAMING	686	Building Construction Technology/Technician 46.0415
Dodge City CC	BCT 105	WINDOWS DOORS STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/WINDOWS DOORS & STAIRS	686	Building Construction Technology/Technician 46.0415
Kansas City Kansas CC	BEMT0212	ADVANCED ELECTRICAL CIRCUITS /THEORY	2	T	579	ELECTRICAL/CIRCUITS CONTROLS	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0215	ADVANCED PLUMBING	2	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0180	BRAZING/SOFT SOLDERING	1	T	547	WELDING/BRAZING /SOLDERING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0108	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0108	CARPENTRY BASICS	3	T	473	CONSTRUCTION/CARPENTRY	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0188	CONSTRUCTION BLUEPRINT READING	2	T	132	CONSTRUCTION	683	Building/Property Maintenance 46.0401

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Kansas City Kansas CC	BEMT0249	CONSTRUCTION ESTIMATING	3	T	511	CONSTRUCTION/MANAGEMENT	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0130	DRYWALL	2	T	601	CONSTRUCTION/CARPENTRY/DRYWALL	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0130	DRYWALL	3	T	601	CONSTRUCTION/CARPENTRY/DRYWALL	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	CEC116	ELECTRICAL FUNDAMENTALS II	1	T	79	ELECTRICAL	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 120	ELECTRICAL TROUBLESHOOTING	4	T	513	ELECTRICAL/MAINT/REPAIR	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	CEC202	ENVIRONMENTAL HVAC SYSTEMS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0200	HVAC COOLING AND MAINTENANCE	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0202	HVAC HEATING AND MAINTENANCE	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0201	HVAC MAINTENANCE	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 113	INDUSTRIAL ELECTRICITY	4	T	79	ELECTRICAL	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 233	INDUSTRIAL MECHANICAL PRINCIPLES	4	T	648	INDUSTRIAL MAINT/ELECTRICAL/MECHANICAL	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 114	INDUSTRIAL WIRING	4	T	297	ELECTRICAL/WIRING	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 217	INSTRUMENTATION	4	T	648	INDUSTRIAL MAINT/ELECTRICAL/MECHANICAL	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	TCH 231	INTRODUCTION TO WELDING	1	T	32	WELDING	683	Building/Property Maintenance 46.0401
Seward County CC	WE1001	INTRODUCTION TO WELDING	1	T	32	WELDING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0133	MASONRY & CONCRETE	2	T	407	CONSTRUCTION/MASONRY	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0133	MASONRY REPAIR	2	T	407	CONSTRUCTION/MASONRY	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 231	MECHATRONICS	4	T	648	INDUSTRIAL MAINT/ELECTRICAL/MECHANICAL	683	Building/Property Maintenance 46.0401

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Washburn Institute of Tech	BDT138	NCCER PLUMBING LVL 1 - PART 2	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	BDT156	NCCER PLUMBING LVL 2 - PART 1	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	BDT158	NCCER PLUMBING LVL 2 - PART 2	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	BDT236	NCCER PLUMBING LVL 3 - PART 1	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	BDT238	NCCER PLUMBING LVL 3 - PART 2	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0121	REMODEL PAINTING	3	T	132	CONSTRUCTION	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0112	RESIDENTIAL ELECTRICAL	4	T	510	CONSTRUCTION/ELECTRICAL	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0145	RESIDENTIAL PAINTING	2	T	445	CONSTRUCTION/PAINTING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0115	RESIDENTIAL PLUMBING AND REPAIR	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0115	RESIDENTIAL PLUMBING AND REPAIR	4	T	44	PLUMBING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0185	RESIDENTIAL ROOFING	1	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 115	RESIDENTIAL WIRING	4	T	297	ELECTRICAL/WIRING	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0136	ROOF COVERING AND GUTTER REPAIR	2	T	444	CONSTRUCTION/EXTERIOR	683	Building/Property Maintenance 46.0401
Flint Hills Tech Col	IET 254	TROUBLESHOOTING	4	T	513	ELECTRICAL/MAINT/REPAIR	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BEMT0113	WINDOWS, DOORS & STAIRS	2	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	683	Building/Property Maintenance 46.0401
Kansas City Kansas CC	BPMT0113	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	683	Building/Property Maintenance 46.0401
Washburn Institute of Tech	CBM215	FINISHING TECHNIQUES	6	T	473	CONSTRUCTION/CARPENTRY	153	Cabinetmaking/Millwork 48.0703
Washburn Institute of Tech	CBM235	METHODS OF CONSTRUCTION	6	T	473	CONSTRUCTION/CARPENTRY	153	Cabinetmaking/Millwork 48.0703

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Hutchinson CC	DR107	CONSTRUCTION DRAFTING	3	T	37	DRAFTING	247	CAD/CADD Drafting &/or Design Technician 15.1302
Johnson County CC	DRAF 247	REVIT SYSTEMS MEP (MECHANICAL, ELECTRICAL, PLUMBING)	2	T	37	DRAFTING	247	CAD/CADD Drafting &/or Design Technician 15.1302
Cowley County CC	CST3267	ADVANCED CARPENTRY & CONSTRUCTION	6	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	ENGT 184	APPLICATIONS OF CAD/CAM IN CONSTRUCTION TECHNOLOGY	2	T	37	DRAFTING	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	ELCT 100	BASICS OF ELECTRICITY	1	T	79	ELECTRICAL	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 116	BLUEPRINTS AND BUILDING CODES	4	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 250	BUILDING CODES	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT280	BUILDING TECH OJT	4	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT104	CABINET CONSTRUCTION AND INSTALLATION	3	T	153	CABINETMAKING	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3281	CARPENTRY & CONSTRUCTION INTERNSHIP I	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3282	CARPENTRY & CONSTRUCTION INTERNSHIP II	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 185	CARPENTRY INTERNSHIP I	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 187	CARPENTRY INTERNSHIP II	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT290	CARPENTRY OJT	6	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Barton County CC	CRPT1004	CONCRETE	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3263	CONCRETE	5	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 154	CONCRETE	2	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 143	CONCRETE 1	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 157	CONCRETE APPLICATIONS	4	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-160	CONCRETE BASICS	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3239	CONCRETE FINISHING	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201

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Kansas City Kansas CC	CONS0110	CONCRETE FINISHING (LEVEL 1)	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0210	CONCRETE FINISHING (LEVEL 2)	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT102	CONCRETE FLATWORK AND FINISHING	2	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT102	CONCRETE FLATWORK AND FINISHING	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1033	CONCRETE I	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC115	CONCRETE TECHNOLOGY	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT217	CONSTRUCTION ELECTRICITY	3	T	510	CONSTRUCTION/ELECTRICAL	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT270	CONSTRUCTION OJT	6	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 152	CONSTRUCTION SKILLS	5	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1074	COOPERATIVE INTERNSHIP	4	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 160	DRYWALL & INSULATION	3	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT106	DRYWALL INSTALLATION AND FINISH	2	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 150	DRYWALL INSTALLATION AND FINISHING	2	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0112	DRYWALL LEVEL 1-2	3	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 155	DRYWALL, INSTALLATION & FINISHING	3	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 210	DRYWALL, INSULATION & VENTILATION	4	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 150	DRYWALL, INSULATION, AND VENTILATION FOR RESIDENTIAL CONSTRUCTION	5	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 206	DRYWALL, WINDOW, DOOR & CEILING INSTALLATION	2	T	601	CONSTRUCTION/CARPENTRY/ DRYWALL	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0115	ELECTRICAL (LEVEL 1)	3	T	510	CONSTRUCTION/ELECTRICAL	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0115	ELECTRICAL (LEVEL 1)	3	T	510	CONSTRUCTION/ELECTRICAL	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Hutchinson CC	BT105	ELECTRICAL AND MECHANICAL SYSTEMS	2	T	79	ELECTRICAL	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT125	ELECTRICAL I	4	T	52	AUTOMOTIVE TECHNOLOGY	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 211	ELECTRICAL, HVAC, DRAIN, WASTE & VENT	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 260	ENERGY EFFICIENT BUILDING TECHNOLOGY	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT2115	EXTERIOR CARPENTRY	5	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 230	EXTERIOR CONSTRUCTION	5	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC112	EXTERIOR FINISH	1	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT107	EXTERIOR FINISH	2	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 125	FLOORS, WALLS & CEILING AND FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 126	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC108	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0109	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 121	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT122	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3243	FLOORS, WALLS AND CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT109	FLOORS, WALLS AND CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 110	FLOORS, WALLS AND CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	BTT119	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 115	FLOORS, WALLS & CEILING FRAMING	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1134	FLOORS,WALLS,CEILING FRAMES	4	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT103	FOUNDATION FORMING AND ERECTING	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT112	HARD SURFACE INSTALLATION	2	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Coffeyville CC	HVAC 101	HVAC I	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0123	INSULATING	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 165	INSULATION, ROOFING & EXTERIOR FINISH	3	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1013	INTRO TO CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3247	INTRODUCTION TO 3D CONSTRUCTION PRINCIPLES	5	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3249	INTRODUCTION TO CONSTRUCTION CODES	3	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3236	INTRODUCTION TO CONSTRUCTION EQUIPMENT	1	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3235	INTRODUCTION TO SITE LAYOUT	3	T	589	CONSTRUCTION/SITE LAYOUT/PREP	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 103	INTRODUCTORY CRAFT SKILL	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Barton County CC	CRFT1001	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3261	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Highland CC	BTT106	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC106	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	CNST 105	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-110	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT120	INTRODUCTORY CRAFT SKILLS	2	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT120	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0106	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 106	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 100	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 101	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Highland CC	BTT106A	INTRODUCTORY CRAFT SKILLS (A)	2	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Highland CC	BTT106B	INTRODUCTORY CRAFT SKILLS (B)	1	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT142	MASONRY	3	T	407	CONSTRUCTION/MASONRY	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0107	MASONRY (LEVEL 1)	2	T	407	CONSTRUCTION/MASONRY	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0140	PAINTING (LEVEL 1)	3	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0240	PAINTING (LEVEL 2)	3	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 159	PAINTING, FINISHING & INTERIOR DESIGN	4	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Highland CC	BTT170	PAINTING, FINISHING AND DECORATING FOR RESIDENTIAL CONSTRUCTION	4	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 171	PAINTING, FINISHING, AND DECORATING	5	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Highland CC	BTT170A	PAINTING, FINISHING, DECORATING RESIDENTIAL CONSTRUCTION (A)	2	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	BTT170B	PAINTING, FINISHING, DECORATING RESIDENTIAL CONSTRUCTION (B)	2	T	445	CONSTRUCTION/PAINTING	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0142	PLUMBING (LEVEL 1)	3	T	44	PLUMBING	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT126	PLUMBING I	5	T	44	PLUMBING	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3238	PRINCIPLES OF CONCRETE	3	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3246	PRINCIPLES OF ELECTRICITY IN CONSTRUCTION	3	T	510	CONSTRUCTION/ELECTRICAL	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3240	PRINCIPLES OF MASONRY	3	T	407	CONSTRUCTION/MASONRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3245	PRINCIPLES OF PLUMBING AND HVAC	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	473	Carpentry/Carpenter 46.0201
Highland CC	BTT121	RESIDENTIAL CONCRETE CONSTRUCTION	2	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Highland CC	BTT121A	RESIDENTIAL CONCRETE CONSTRUCTION (A)	1	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Highland CC	BTT121B	RESIDENTIAL CONCRETE CONSTRUCTION (B)	1	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 220	RESIDENTIAL CONCRETE/ MASONARY	2	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
Highland CC	BTT111	ROOF & FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT108	ROOF & FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 132	ROOF & FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Highland CC	BTT111A	ROOF & FRAMING (A)	1	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Highland CC	BTT111B	ROOF & FRAMING (B)	2	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-140	ROOF AND FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 136	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC109	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	CNST 120	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1103	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0111	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 136	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 111	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT137	ROOF FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 150	ROOFING & EXTERIOR FINISHES	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 210	ROOFING & EXTERIOR FINISHES	4	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3242	ROOFING AND FRAMING	3	T	631	CONSTRUCTION/CARPENTRY/ ROOF FRAMING	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0151	SCAFFOLDING	2	T	132	CONSTRUCTION	473	Carpentry/Carpenter 46.0201
Barton County CC	CRPT1006	SIDING AND ROOFING SYSTEMS	4	T	444	CONSTRUCTION/EXTERIOR	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 205	SITE LAYOUT & HANDLING & PLACING CONCRETE	4	T	443	CONSTRUCTION/CONCRETE	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 170	SUSPENDED CEILINGS	1	T	660	CONSTRUCTION/CARPENTRY/ FLOORS WALLS & CEILING FRAMING	473	Carpentry/Carpenter 46.0201
Highland CC	BTT159A	WINDOW, DOORS, & STAIRS (A)	1	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Highland CC	BTT159B	WINDOW, DOORS, & STAIRS (B)	2	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC110	WINDOWS AND DOORS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 151	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	BTT159	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 155	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1113	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0113	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 131	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 137	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT127	WINDOWS, DOORS & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3244	WINDOWS, DOORS AND STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT134	WINDOWS, DOORS AND STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 112	WINDOWS, DOORS AND STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 120	WINDOWS, DOORS, & STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-150	WINDOWS, DOORS, AND STAIRS	3	T	658	CONSTRUCTION/CARPENTRY/ WINDOWS DOORS & STAIRS	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC107A	CONSTRUCTION BASICS	3	T	474	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0202

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Seward County CC	DF1164	ARCHITECTURE DESIGN AND CONSTRUCTION	4	T	479	DRAFTING/ARCHITECTURAL	37	Drafting&Design Technology/Technician, General 15.1301
Fort Hays Tech Northwest	ELCT 290	APPLIED CONSTRUCTION SKILLS	5	T	132	CONSTRUCTION	79	Electrical Tech 46.0302
WSU Tech	ELT 135	COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE SYSTEMS I	2	T	629	AVIONICS/ELECTRICAL/COM M/NAVIGATION	701	Electrical/Electronic Engineering Tech 15.0303
WSU Tech	ELT 136	COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE SYSTEMS I LAB	3	T	629	AVIONICS/ELECTRICAL/COM M/NAVIGATION	701	Electrical/Electronic Engineering Tech 15.0303
WSU Tech	ELT 137	COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE SYSTEMS II	2	T	629	AVIONICS/ELECTRICAL/COM M/NAVIGATION	701	Electrical/Electronic Engineering Tech 15.0303
WSU Tech	ELT 138	COMMUNICATIONS, NAVIGATION, AND SURVEILLANCE SYSTEMS II LAB	3	T	629	AVIONICS/ELECTRICAL/COM M/NAVIGATION	701	Electrical/Electronic Engineering Tech 15.0303
Johnson County CC	ELEC 212	FUNDAMENTALS OF LIGHT AND LASERS	3	T	79	ELECTRICAL	689	Electrical/Electronics Equip Installation, Repair Technology/Technician, General 47.0101
Johnson County CC	ELEC 251	LASER SYSTEMS AND APPLICATION S	3	T	79	ELECTRICAL	689	Electrical/Electronics Equip Installation, Repair Technology/Technician, General 47.0101
Johnson County CC	ELEC 252	SPECIALIZED LASERS AND SYSTEM INTEGRATION	3	T	79	ELECTRICAL	689	Electrical/Electronics Equip Installation, Repair Technology/Technician, General 47.0101
Manhattan Area Tech Col	EPD 103	BASIC ELECTRICITY	1	T	79	ELECTRICAL	569	Electrical/Power Transmission Installation/Installer,General 46.0301
Pratt CC	EPD124	ELECTRICAL THEORY	3	T	79	ELECTRICAL	569	Electrical/Power Transmission Installation/Installer,General 46.0301
Salina Area Tech Col	ELT 160	COMMERCIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Johnson County CC	ELTE 200	COMMERCIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Coffeyville CC	ELEC 228	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Cowley County CC	ELC3677	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Dodge City CC	ELEC135	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech North Central	EL206Z	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 265	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	ELE132	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Washburn Institute of Tech	ELE135	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
WSU Tech	ELE 130	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Kansas City Kansas CC	ELET0200	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Neosho County CC	ELEC 206	COMMERCIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
WSU Tech	ELE 132	COMMERCIAL WIRING LAB	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Kansas City Kansas CC	ELET0232	ELECTRICAL CIRCUITS, INSTRUMENTS, AND MEASUREMENTS	2	T	579	ELECTRICAL/CIRCUITS CONTROLS	79	Electrician 46.0302
Coffeyville CC	ELEC 171	ELECTRICAL FOR HVAC	5	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	79	Electrician 46.0302
Highland CC	ELE162	ELECTRICAL MOTOR OPERATIONS AND CONTROL	5	T	296	ELECTRICAL/MOTORS	79	Electrician 46.0302
Highland CC	ELE163	ELECTRICAL MOTOR OPERATIONS AND CONTROL II	5	T	296	ELECTRICAL/MOTORS	79	Electrician 46.0302
Kansas City Kansas CC	ELET0100	ELECTRICAL SAFETY (OSHA 30)	3	T	116	SAFETY/OSHA	79	Electrician 46.0302
Fort Hays Tech North Central	EL111	ELECTRICAL TROUBLESHOOTING I	2	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Fort Hays Tech North Central	EL210	ELECTRICAL TROUBLESHOOTING II	2	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Kansas City Kansas CC	ELET0101	ELECTROMECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	79	Electrician 46.0302
Kansas City Kansas CC	ELET0101	ELECTROMECHANICAL SYSTEMS	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	79	Electrician 46.0302
WSU Tech	ELE 190	FIRE ALARM, EMERGENCY, AND HEALTH CARE SYSTEMS	3	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech North Central	EL203	GENERATORS	2	T	627	ELECTRICAL/TRANSFORMERS /GENERATORS	79	Electrician 46.0302
Highland CC	ELE125	GENERATORS & TRANSFORMERS	3	T	627	ELECTRICAL/TRANSFORMERS /GENERATORS	79	Electrician 46.0302
Kansas City Kansas CC	ELET0265	GENERATORS AND TRANSFORMERS	2	T	627	ELECTRICAL/TRANSFORMERS /GENERATORS	79	Electrician 46.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Johnson County CC	ELTE 220	HEAVY COMMERCIAL WIRING	3	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Highland CC	CST105	INDUSTRIAL COMPUTER APPLICATIONS	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	79	Electrician 46.0302
Johnson County CC	ELTE 250	INDUSTRIAL MOTOR APPLICATIONS	3	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Salina Area Tech Col	ELT 210	INDUSTRIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Johnson County CC	ELTE 230	INDUSTRIAL WIRING	3	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Highland CC	ELE152	INDUSTRIAL WIRING & DESIGN	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Dodge City CC	ELEC140	INTERNATIONAL RESIDENTIAL CODE	3	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	ELE137	INTERNATIONAL RESIDENTIAL CODE	3	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	ELE127	INTERNATIONAL RESIDENTIAL CODE I	1	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	ELE147	INTERNATIONAL RESIDENTIAL CODE II	1	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Salina Area Tech Col	ELT 101	INTRODUCTORY CRAFT SKILLS	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	79	Electrician 46.0302
Cowley County CC	INR3725	INTRODUCTORY CRAFT SKILLS (NCCER CORE)	3	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	79	Electrician 46.0302
WSU Tech	ELE 135	LOW VOLTAGE WIRING	2	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Johnson County CC	ELTE 175	LOW VOLTAGE WIRING	3	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech North Central	EL205	MOTORS	2	T	296	ELECTRICAL/MOTORS	79	Electrician 46.0302
Kansas City Kansas CC	ELET0110	NATIONAL ELECTRIC CODE	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Coffeyville CC	ELEC 151	NATIONAL ELECTRIC CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 120	NATIONAL ELECTRIC CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Salina Area Tech Col	ELT 140	NATIONAL ELECTRIC CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Coffeyville CC	ELEC 153	NATIONAL ELECTRIC CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Fort Hays Tech North Central	EL209	NATIONAL ELECTRIC CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	ELCT 170	NATIONAL ELECTRIC CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Salina Area Tech Col	ELT 141	NATIONAL ELECTRIC CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 215	NATIONAL ELECTRIC CODE III	5	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Fort Hays Tech North Central	EL106	NATIONAL ELECTRICAL CODE	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Cowley County CC	ELC3673	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Dodge City CC	ELEC120	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Highland CC	ELE142	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	ELE120	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
WSU Tech	ELE 150	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Johnson County CC	ELTE 122	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Neosho County CC	ELEC 104	NATIONAL ELECTRICAL CODE I	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Cowley County CC	ELC3674	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Dodge City CC	ELEC145	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	ELE142	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
WSU Tech	ELE 160	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Highland CC	ELE182	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Johnson County CC	ELTE 222	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Kansas City Kansas CC	ELET0210	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Neosho County CC	ELEC 204	NATIONAL ELECTRICAL CODE II	4	T	248	ELECTRICAL/CODES	79	Electrician 46.0302
Washburn Institute of Tech	IND111	OSHA - 30 HOUR CONSTRUCTION INDUSTRY CERTIFICATION	3	T	116	SAFETY/OSHA	79	Electrician 46.0302
Fort Hays Tech North Central	EL105	RESIDENTIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Salina Area Tech Col	ELT 111	RESIDENTIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Johnson County CC	ELTE 125	RESIDENTIAL WIRING	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Coffeyville CC	ELEC 118	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Cowley County CC	ELC3675	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Dodge City CC	ELEC125	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 155	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Highland CC	ELE122	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Washburn Institute of Tech	ELE140	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
WSU Tech	ELE 180	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Kansas City Kansas CC	ELET0150	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Neosho County CC	ELEC 108	RESIDENTIAL WIRING I	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
WSU Tech	ELE 182	RESIDENTIAL WIRING LAB	4	T	297	ELECTRICAL/WIRING	79	Electrician 46.0302
Fort Hays Tech North Central	EL204	TRANSFORMERS	2	T	627	ELECTRICAL/TRANSFORMERS /GENERATORS	79	Electrician 46.0302
Salina Area Tech Col	ELT 150	TRANSFORMERS	2	T	627	ELECTRICAL/TRANSFORMERS /GENERATORS	79	Electrician 46.0302
Highland CC	ELE135	TROUBLESHOOTING TECHNIQUES	4	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Kansas City Kansas CC	ELET0245	TROUBLESHOOTING TECHNIQUES	2	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 165	TROUBLESHOOTING TECHNIQUES I	3	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 210	TROUBLESHOOTING TECHNIQUES II	2	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Highland CC	ELE175	TROUBLESHOOTING TECHNIQUES II	4	T	513	ELECTRICAL/MAINT/REPAIR	79	Electrician 46.0302
Cowley County CC	MEC3484	PRINCIPLES OF ELECTRICITY	3	T	79	ELECTRICAL	648	Electromechanical Technologies/Technicians,other 15.0499
Colby CC	AE199	INTRODUCTION TO CONSTRUCTION	4	T	132	CONSTRUCTION	684	Energy Systems Installation & Repair Technology/Technician 47.0701
Cowley County CC	AGR1285	AGRICULTURAL STRUCTURES	3	T	198	AG/CONSTRUCTION	324	Farm & Ranch Mgmt: 01.0104
Cowley County CC	AGR1214	AGRICULTURE CONSTRUCTION & WELDING	3	T	32	WELDING	324	Farm & Ranch Mgmt: 01.0104

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Hutchinson CC	AP119	AGRICULTURE DIESEL ELECTRICITY	3	T	124	AG/EQUIPMENT	19	Farm & Ranch Mgmt: 01.0104
Allen County CC	AGR110	AGRICULTURE WELDING I	3	T	32	WELDING	324	Farm & Ranch Mgmt: 01.0104
Allen County CC	AGR200	AGRICULTURE WELDING II	3	T	32	WELDING	324	Farm & Ranch Mgmt: 01.0104
Hutchinson CC	FS102	CONSTRUCTION METHODS AND MATERIALS	3	T	474	CONSTRUCTION/MATERIALS	135	Fire Science/Fire-fighting 43.0203
Cowley County CC	MLL3601	ELECTROMECHANICAL TECHNOLOGY	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	670	Food Technology & Processing 01.1002
Cowley County CC	MLL3602	INDUSTRIAL ELECTRICAL POWER	3	T	79	ELECTRICAL	670	Food Technology & Processing 01.1002
Cowley County CC	MLL3600	MECHATRONIC SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	670	Food Technology & Processing 01.1002
Barton County CC	OSHA1927	FUNDAMENTALS OF OCCUPATIONAL SAFETY AND HEALTH CONSTRUCTION INDUSTRY	3	T	116	SAFETY/OSHA	21	Hazardous Materials Mgmt & Waste Technology 15.0508
Barton County CC	OSHA1926	OSHA CONSTRUCTION INDUSTRY REGULATIONS	2	T	116	SAFETY/OSHA	21	Hazardous Materials Mgmt & Waste Technology 15.0508
Barton County CC	OSHA1009	FALL PROTECTION	1.5	T	132	CONSTRUCTION	21	Hazardous Materials Mgmt & Waste Technology 15.0508
Fort Hays Tech North Central	PHAC114	ADVANCED ELECTRICAL FUNDAMENTALS	3	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 103	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0125	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Coffeyville CC	HVAC 120	ELECTRICAL FUNDAMENTALS	3	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT120	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC111	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1434	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 104	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

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Seward County CC	AI1004	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC115	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 113	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA118	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 110	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0105	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 1104	ELECTRICAL FUNDAMENTALS	4	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT121	ELECTRICAL FUNDAMENTALS II	1	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC118	ELECTRICAL FUNDAMENTALS II	2	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 118	ELECTRICAL FUNDAMENTALS II	3	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1533	ELECTRICAL FUNDAMENTALS LAB	3	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0105	ELECTRICAL THEORY 1	2	T	79	ELECTRICAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 102	GENERAL CONSTRUCTION SKILLS	4	T	132	CONSTRUCTION	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA103	HAND AND POWER TOOLS	1	T	330	CONSTRUCTION/TOOLS	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 188	LOAD CALCULATION AND DUCT DESIGN	3	T	487	HVAC/LOAD CALCULATIONS	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 206	PIPEFITTING	3	T	132	CONSTRUCTION	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0100	SAFETY ORIENTATION/OSHA 10	1	T	22	SAFETY	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 167	SHEET METAL LAYOUT AND FABRICATION	3	T	95	SHEETMETAL	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	ID1004	TRADE BASICS	4	T	613	CONSTRUCTION/CRAFT SKILLS/INTRO	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech North Central	PHAC104	ADVANCED PLUMBING FUNDAMENTALS	3	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Johnson County CC	PLUM 110	INTRODUCTION TO PLUMBING SYSTEMS	3	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Fort Hays Tech North Central	PHAC101	PLUMBING FUNDAMENTALS	4	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Johnson County CC	HVAC 210	PLUMBING FUNDAMENTALS	3	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Highland CC	HVA126	PLUMBING I	2	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Highland CC	HVA181	PLUMBING II	2	T	44	PLUMBING	15	Heating/Air Conditioning, Ventilation & Refrigeration Maint Tech 47.0201
Washburn Institute of Tech	DEM224	ADVANCED HYDRAULIC SYSTEMS	3	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM204	ADVANCED MACHINE ELECTRICAL	4	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM144	BRAKES FOR CONSTRUCTION	2	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM274	DIESEL PREVENTATIVE MAINTENANCE	3	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM150	EST DIAGNOSTICS	1	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM252	POWER TRAINS FOR CONSTRUCTION	3	T	19	DIESEL	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Washburn Institute of Tech	DEM142	WELDING FOR DIESEL	3	T	32	WELDING	214	Heavy Equipment Maintenance Technology/Technician 47.0302
Fort Hays Tech North Central	EL107	ELECTRICAL MOTOR CONTROLS	4	T	376	ELECTRICAL/CONTROLS	691	Industrial Electronics Technology/Technician 47.0105
Fort Hays Tech North Central	AMC202Z	INSTRUMENTATION	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	691	Industrial Electronics Technology/Technician 47.0105
Fort Hays Tech North Central	EL104Z	PRINT READING	2	T	79	ELECTRICAL	691	Industrial Electronics Technology/Technician 47.0105
Fort Hays Tech North Central	AMC201Z	VARIABLE FREQUENCY DRIVE (VFD)	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	691	Industrial Electronics Technology/Technician 47.0105
Washburn Institute of Tech	IND213	ADVANCED ECS	3	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303

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Dodge City CC	IND 105	BASIC ELECTRICITY	3	T	79	ELECTRICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Garden City CC	INPR-101	BASIC ELECTRICITY	3	T	79	ELECTRICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND104	BASIC ELECTRICITY I	3	T	79	ELECTRICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND223	COMMERCIAL AND INDUSTRIAL WIRING	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Dodge City CC	IND 160	ELECTRICAL CONTROL SYSTEMS I	3	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND152	ELECTRICAL CONTROL SYSTEMS I	3	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Neosho County CC	IMT 206	ELECTRICAL CONTROL SYSTEMS I	2	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND204	ELECTRICAL CONTROL SYSTEMS II	3	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Neosho County CC	IMT 216	ELECTRICAL CONTROL SYSTEMS II	2	T	376	ELECTRICAL/CONTROLS	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
WSU Tech	IND 143	ELECTRICAL SYSTEM TROUBLESHOOTING	3	T	60	MACHINING	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
WSU Tech	IND 119	INDUSTRIAL PRECISION ALIGNMENT	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND146	INDUSTRIAL WELDING BASICS	3	T	32	WELDING	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Garden City CC	INPR-185	INDUSTRIAL WIRING	3	T	297	ELECTRICAL/WIRING	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
WSU Tech	IND 108	INDUSTRIAL WIRING	2	T	297	ELECTRICAL/WIRING	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Garden City CC	INPR-122	INTRO TO MANUFACTURING WELDING	3	T	32	WELDING	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Manhattan Area Tech Col	IMT 120	INTRODUCTION TO MECHATRONICS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
WSU Tech	IND 114	MAGNETIC STARTERS & BRAKING	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Dodge City CC	IND 125	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Garden City CC	INPR-134	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Salina Area Tech Col	IMA 140	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Washburn Institute of Tech	IND127	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
WSU Tech	IND 130	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Manhattan Area Tech Col	IMT 110	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Neosho County CC	IMT 102	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Dodge City CC	ELEC150	VARIABLE FREQUENCY DRIVES	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Salina Area Tech Col	IMA 160	VARIABLE SPEED CONTROL	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	258	Industrial Mechanics & Maintenance Technology/Technician 47.0303
Barton County CC	NATG1125	ELECTRICAL DEVICES AND CONTROLS I	3	T	376	ELECTRICAL/CONTROLS	693	Industrial Production Tech, Other 15.0699
Barton County CC	NATG1130	ELECTRICAL DEVICES AND CONTROLS II	3	T	594	GAS DISTRIBUTION/TRANSMISSION	693	Industrial Production Tech, Other 15.0699
Butler CC	EN 212	ELECTRICAL CIRCUITS	3	T	579	ELECTRICAL/CIRCUITS CONTROLS	217	Industrial Technology/technician 15.0612
Neosho County CC	ETEC 160	SPECIAL SKILLS IN WELDING	1	T	32	WELDING	217	Industrial Technology/technician 15.0612
Neosho County CC	ETEC 160	SPECIAL SKILLS IN WELDING	3	T	32	WELDING	217	Industrial Technology/technician 15.0612
Colby CC	AG236	FARM WELDING	2	T	32	WELDING	278	Livestock Mgmt 01.0906

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Hutchinson CC	WE106	CUTTING PROCESSES FOR WELDING	3	T	32	WELDING	60	Machine Tool Technology/Machinist 48.0501
Hutchinson CC	AE208	NATIONAL ELECTRICAL CODE	3	T	248	ELECTRICAL/CODES	60	Machine Tool Technology/Machinist 48.0501
Salina Area Tech Col	WEL 110	OXYFUEL WELDING	2	T	32	WELDING	60	Machine Tool Technology/Machinist 48.0501
Coffeyville CC	MACH 116	PRINT READING	3	T	32	WELDING	60	Machine Tool Technology/Machinist 48.0501
Butler CC	DT 116	ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS	5	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL222	ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS	5	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT101	DIESEL SHOP EQUIPMENT & TOOL SAFETY	2	T	22	SAFETY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT201	DIESEL SHOP MANAGEMENT	2	T	429	SHOP OPERATIONS/MGMT	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 115	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 116	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	ID1103	ELECTRICAL THEORY	3	T	79	ELECTRICAL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 115	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 110	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL162	ELECTRICAL/ELECTRONICS SYSTEMS	5	T	52	AUTOMOTIVE TECHNOLOGY	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 211	HVAC	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL141	WELDING AND FABRICATION LAB	1	T	32	WELDING	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	CT2153	REPORTS AND ESTIMATING	3	T	511	CONSTRUCTION/MANAGEMENT	54	Metallurgical Technology/Technician 15.0611
Hutchinson CC	ME117	COMMERCIAL HEATING AND AIR CONDITIONING	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME116	COMMERCIAL REFRIGERATION	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	688	Mfg.Engineering Technology/Technician 15.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
WSU Tech	MNF 135	ELECTRICAL CONCEPTS	3	T	79	ELECTRICAL	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	AE155	ELECTRICAL MAINTENANCE	3	T	513	ELECTRICAL/MAINT/REPAIR	688	Mfg.Engineering Technology/Technician 15.0613
WSU Tech	AVC 135	HAND TOOLS	1	T	330	CONSTRUCTION/TOOLS	473	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME112	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME134	HVAC CODE REQUIREMENTS	1	T	85	HVAC/CODES	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME133	HVAC DUCT SIZING	1	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME115	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME132	HVAC LOAD CALCULATIONS	1	T	487	HVAC/LOAD CALCULATIONS	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	AE105	INDUSTRIAL WIRING	3	T	297	ELECTRICAL/WIRING	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	ME129	MECHANICAL MAINTENANCE SKILLS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	688	Mfg.Engineering Technology/Technician 15.0613
Hutchinson CC	AE200	VARIABLE FREQUENCY DRIVES AND ELECTRIC MOTORS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	688	Mfg.Engineering Technology/Technician 15.0613
Manhattan Area Tech Col	IET 101	FUNDAMENTALS OF ELECTRICITY AC/DC	3	T	79	ELECTRICAL	688	Mfg.Engineering Technology/Technician 15.0613:
Manhattan Area Tech Col	IET 1044	MECHATRONICS	4	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	688	Mfg.Engineering Technology/Technician 15.0613:
WSU Tech	NDT 170	ELECTRICAL MOTOR TESTING	2	T	296	ELECTRICAL/MOTORS	702	Nuclear/IndustrialRadiologic Tech,other 41.0299
Seward County CC	NG1104	COMPRESSOR MOUNTING & ALIGNMENT	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903
Seward County CC	NG1132	COMPRESSOR MOUNTING AND ALIGNMENT	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903
Seward County CC	NG1013	COMPRESSOR OVERHAUL 1	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903
Seward County CC	NG1023	COMPRESSOR OVERHAUL 2	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903

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Seward County CC	NG1122	COMPRESSOR PREVENTATIVE MAINTENANCE	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903
Seward County CC	NG1102	COMPRESSOR THEORY	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	594	Petroleum Technology/Technician 15.0903
Seward County CC	NG1043	ENGINE OVERHAUL 2	3	T	19	DIESEL	687	Petroleum Technology/Technician 15.0903
Seward County CC	NG1033	ENGINE OVERHAUL I	3	T	19	DIESEL	687	Petroleum Technology/Technician 15.0903
Seward County CC	NG1112	ENGINE PREVENTATIVE MAINTENANCE	2	T	19	DIESEL	687	Petroleum Technology/Technician 15.0903
WSU Tech	CFT 144	ELECTRICAL BONDING REPAIR	1	T	469	COMPOSITE/MANUF/REPAIR	686	Plastics & Polymer Engineering Technologies/Technician 15.0607
WSU Tech	AVC 117	HAND & POWER TOOLS	4	T	132	CONSTRUCTION	686	Plastics & Polymer Engineering Technologies/Technician 15.0607
Washburn Institute of Tech	CHC107	CARPENTRY BASICS	2	T	473	CONSTRUCTION/CARPENTRY	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 125	PLUMBING BLUEPRINT READING	3	T	283	BLUEPRINT READING	44	Plumbing Technology/Plumber 46.0503
Barton County CC	PLMB1001	PLUMBING SAFETY	2	T	22	SAFETY	44	Plumbing Technology/Plumber 46.0503
Flint Hills Tech Col	PPT 126	BASIC ELECTRICITY	4	T	79	ELECTRICAL	688	Power Plant Technology/Technician 15.1702
Flint Hills Tech Col	PPT 123	BASIC MECHANICS	1	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	688	Power Plant Technology/Technician 15.1702
Flint Hills Tech Col	PPT 132	ELECTRICAL EQUIPMENT	2	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	688	Power Plant Technology/Technician 15.1702
WSU Tech	AVC 140	ELECTRICAL BONDING AND GROUNDING	1	T	469	COMPOSITE/MANUF/ REPAIR	700	Precision Production, Other 48.9999
Johnson County CC	RRIT 160	BASIC WELDING	3	T	32	WELDING	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 168	SHEET METAL WELDING	3	T	32	WELDING	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 162	STRUCTURAL STICK WELDING	3	T	32	WELDING	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 164	STRUCTURAL WIRE WELDING	3	T	32	WELDING	46	Railroad & Railway Transportation 49.0208

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WSU Tech	UAS 260	FIXED-WING CONSTRUCTION	3	T	668	UNMANNED AERIAL SYSTEMS (AUS) (DRONES)	688	Remote Aircraft Pilot 49.0109
Fort Hays Tech North Central	PWT103	ELECTRICAL AND ELECTRONIC SYSTEMS	3	T	52	AUTOMOTIVE TECHNOLOGY	676	Small Engine Mechanics & Repair Technology/Technician 47.0606
WSU Tech	TFF 150	FIXTURE CONSTRUCTION	5	T	132	CONSTRUCTION	685	Tool & Die Technology/Technician 48.0507
WSU Tech	TFF 115	HAND AND POWER TOOLS FOR AEROSPACE TOOLING	1	T	330	CONSTRUCTION/TOOLS	685	Tool & Die Technology/Technician 48.0507
WSU Tech	TFF 118	WELDING APPLICATIONS	4	T	32	WELDING	685	Tool & Die Technology/Technician 48.0507
WSU Tech	TFF 108	WELDING SAFETY & ORIENTATION	1	T	22	SAFETY	685	Tool & Die Technology/Technician 48.0507
Barton County CC	OSHA1924	INTRODUCTION TO OSHA CONSTRUCTION INDUSTRY STANDARDS	2.5	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-214	PIPEFITTING	3	T	132	CONSTRUCTION	32	Welding Technology/Welder 48.0508
Pratt CC	WLD200	WELDING INTERNSHIP	5	T	87	INTERNSHIP	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-101	WELDING SAFETY	2	T	22	SAFETY	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE101	WELDING SAFETY	1	T	22	SAFETY	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 1001	WELDING SAFETY	1	T	22	SAFETY	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL101A	WELDING SAFETY	1	T	22	SAFETY	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 105	WELDING SAFETY & ORIENTATION	1	T	22	SAFETY	32	Welding Technology/Welder 48.0508
Pratt CC	WLD136	WELDING SAFETY & OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0100	WELDING SAFETY AND OSHA 10	2	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 110	WELDING SAFETY OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1354	WELDING SAFETY/OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	TCH 101	WELDING SAFETY/OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL100	WELDING SAFETY/OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD1003	WELDING SAFETY/OSHA 10	3	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Independence CC	IND1301	WELDING SAFETY/OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 112	WELDING SAFETY/OSHA 10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508

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Washburn Institute of Tech	WEL101	WELDING SAFETY/OSHA 10	2	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Highland CC	IWT105	WELDING SAFETY/OSHA10	1	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 100	WELDING SAFETY/OSHA10	2	T	116	SAFETY/OSHA	32	Welding Technology/Welder 48.0508
Cloud County CC	WE202	ELECTRICAL POWER DELIVERY	3	T	569	ELECTRIC POWER DISTRIBUTION	108	Wind Energy Technology/Technician 15.1704
Cloud County CC	WE110	ELECTRICAL THEORY	3	T	79	ELECTRICAL	108	Wind Energy Technology/Technician 15.1704
Cloud County CC	WE150	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	108	Wind Energy Technology/Technician 15.1704
Hutchinson CC	AP227	AG DIESEL DIAGNOSTICS	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Garden City CC	JDAT-124	AGRICULTURAL ELECTRICAL SYSTEM II	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Garden City CC	JDAT-1043	AGRICULTURAL ELECTRICAL SYSTEMS I	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Garden City CC	JDAT-214	AGRICULTURAL ELECTRICAL SYSTEMS III	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Fort Hays Tech North Central	AET203	CAB/CHASSIS ELECTRICAL	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1221	ELECTRICAL SYSTEM DIAGNOSTICS	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Barton County CC	CNHI1230	HEATING VENTILATION AND AIR CONDITIONING (HVAC)	3	T	124	AG/EQUIPMENT	124	Ag Mechanics/Equip/MachineTech 01.0205
Johnson County CC	HORT 265	LANDSCAPE CONSTRUCTION	3	T	600	AG/HORTICULTURE/LANDSCAPE/TURF	600	Applied Horticulture & Hort Business Services 01.0601
Washburn Institute of Tech	CLR242	ADVANCED CUTTING & WELDING	2	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Coffeyville CC	ACRT 145	MECHANICAL & ELECTRICAL	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Washburn Institute of Tech	CLR151	MECHANICAL & ELECTRICAL	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Fort Hays Tech Northwest	CR 180	MECHANICAL & ELECTRICAL	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Highland CC	ACR285	MECHANICAL & ELECTRICAL	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603

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Salina Area Tech Col	ACR 170	MECHANICAL & ELECTRICAL	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Washburn Institute of Tech	CLR253	MECHANICAL & ELECTRICAL 2	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Seward County CC	AT1003	MECHANICAL & ELECTRICAL COMPONENTS	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Fort Hays Tech North Central	ACRT114	MECHANICAL & ELECTRICAL I	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Fort Hays Tech North Central	ACRT118	MECHANICAL & ELECTRICAL II	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Fort Hays Tech Northwest	CR 182	MECHANICAL & ELECTRICAL II	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Fort Hays Tech Northwest	CR 285	MECHANICAL & ELECTRICAL III	4	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Kansas City Kansas CC	ACRT0181	MECHANICAL AND ELECTRICAL COMPONENT 2	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Hutchinson CC	AB124	MECHANICAL AND ELECTRICAL COMPONENTS	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Kansas City Kansas CC	ACRT0180	MECHANICAL AND ELECTRICAL COMPONENTS	3	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Washburn Institute of Tech	CLR256	PULSE TECHNOLOGY WELDING	2	T	438	AUTOMOTIVE COLLISION/REPAIR	438	Autobody/Collision & Repair Technology/Technician 47.0603
Kansas City Kansas CC	AUTT0264	ADVANCED ELECTRONICS, CHASSIS, AND HVAC SERVICE	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 210	AUTOMOTIVE HVAC	4	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Butler CC	AT 210	AUTOMOTIVE HVAC	4	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Neosho County CC	AUTO 203	AUTOMOTIVE HVAC SYSTEMS I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Neosho County CC	AUTO 213	AUTOMOTIVE HVAC SYSTEMS II	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Butler CC	AT 115	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Coffeyville CC	ASTC 140	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Flint Hills Tech Col	AMT 101	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604

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Fort Hays Tech North Central	AMT103Z	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Kansas City Kansas CC	AUTT0163	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Manhattan Area Tech Col	AMT 111	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 135	ELECTRICAL 1	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Butler CC	AT 116	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Coffeyville CC	ASTC 223	ELECTRICAL 2	6	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Flint Hills Tech Col	AMT 103	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Kansas City Kansas CC	AUTT0164	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Manhattan Area Tech Col	AMT 116	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 140	ELECTRICAL 2	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Butler CC	AT 216	ELECTRICAL 3	5	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Manhattan Area Tech Col	AMT 180	ELECTRICAL 3	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 235	ELECTRICAL 3	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Manhattan Area Tech Col	AMT 270	ELECTRICAL 4	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Salina Area Tech Col	AUT 240	ELECTRICAL 4	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Kansas City Kansas CC	AUTT0263	ELECTRICAL AND ELECTRONICS 3	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Cowley County CC	AMS3117	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Dodge City CC	AUTO135	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Seward County CC	AU1023	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Washburn Institute of Tech	AUT161	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
WSU Tech	TAS 124	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Fort Hays Tech Northwest	AUTO 170	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Garden City CC	AUTO-1053	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Highland CC	AUT101	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Hutchinson CC	AM102	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Johnson County CC	AUTO 156	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Neosho County CC	AUTO 106	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Pratt CC	AMC129	ELECTRICAL I	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Garden City CC	AUTO-105L	ELECTRICAL I LAB	2	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Cowley County CC	AMS3118	ELECTRICAL II	6	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Dodge City CC	AUTO235	ELECTRICAL II	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Seward County CC	AU1115	ELECTRICAL II	5	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
WSU Tech	TAS 125	ELECTRICAL II	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Hutchinson CC	AM103	ELECTRICAL II	5	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Johnson County CC	AUTO 162	ELECTRICAL II	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Neosho County CC	AUTO 212	ELECTRICAL II	4	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Pratt CC	AMC134	ELECTRICAL II	3	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604
Seward County CC	AU1104	HVAC	4	T	52	AUTOMOTIVE TECHNOLOGY	52	Automobile/Automotive Mechanics Technology/Technician 47.0604

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
WSU Tech	AMT 212	ENGINE IGNITION, STARTING AND ELECTRICAL SYSTEMS	5	T	3	AIRCRAFT MAINTENANCE TECHNICIAN (AMT)	3	AviationMaintenanceTech (Airframe/Powerplant/General) 47.0607 & 47.0608
WSU Tech	CCP 144	ADVANCED FINISH AND TRIM	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 138	ADVANCED FRAMING	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3241	BASIC CARPENTRY AND CONSTRUCTION	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3275	CARPENTRY & CONSTRUCTION SKILLS APPLICATIONS I	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3276	CARPENTRY & CONSTRUCTION SKILLS APPLICATIONS II	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0208	CARPENTRY (LEVEL 2)	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 112	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT109	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 110	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT1124	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-120	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT131	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Kansas City Kansas CC	CONS0108	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 116	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Neosho County CC	CMCT 107	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 111	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT119	CARPENTRY BASICS	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT109A	CARPENTRY BASICS (A)	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	BTT109B	CARPENTRY BASICS (B)	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Barton County CC	CRPT1003	CARPENTRY I	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3265	CARPENTRY I	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC113	CARPENTRY I	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT180	CARPENTRY I	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-130	CARPENTRY I	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 112	CARPENTRY I	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Barton County CC	CRPT1005	CARPENTRY II	6	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3266	CARPENTRY II	6	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC114	CARPENTRY II	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-140	CARPENTRY II	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 122	CARPENTRY II	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Washburn Institute of Tech	BDT212	CARPENTRY II	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT210	CARPENTRY II-A	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT211	CARPENTRY II-B	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 290	CARPENTRY SPECIALIZATION	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 145	COLD-FORMED STEEL FRAMING	1	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Barton County CC	CRFT1002	CONSTRUCTION BASICS	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Cowley County CC	CST3262	CONSTRUCTION BASICS	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech North Central	CC107A	CONSTRUCTION BASICS	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-120	CONSTRUCTION BASICS	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT131	CONSTRUCTION BASICS	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 108	CONSTRUCTION BASICS	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 124	EXTERIOR ENVELOPE	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 155	FEMA DOORS & HARDWARE	1	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT119A	FLOORS, WALLS & CEILING FRAMING (A)	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT119B	FLOORS, WALLS & CEILING FRAMING (B)	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Ft. Scott CC	CNT2125	INTERIOR CARPENTRY	5	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Coffeyville CC	CNST 180	INTERIOR CONSTRUCTION	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech North Central	CC111	INTERIOR FINISH	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT110	INTERIOR FINISH AND TRIM INSTALLATION	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Hutchinson CC	BT110	INTERIOR FINISH AND TRIM INSTALLATION	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Manhattan Area Tech Col	BTR 160	INTERIOR FINISH CARPENTRY	5	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 165	INTERIOR FINISHES	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Fort Hays Tech Northwest	CNST 255	INTERIOR STAIN AND FINISHES	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 128	INTERIOR SYSTEMS	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 115	INTERMEDIATE CARPENTRY	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 134	INTRODUCTION TO CONCRETE CONSTRUCTION	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Manhattan Area Tech Col	BTR 175	NCCER CARPENTRY LEVEL 2	4	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT155	RESIDENTIAL INTERIOR FINISH CARPENTRY	5	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT155A	RESIDENTIAL INTERIOR FINISH CARPENTRY (A)	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Highland CC	BTT155B	RESIDENTIAL INTERIOR FINISH CARPENTRY (B)	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Salina Area Tech Col	CON 175	STEEL FRAMING AND DRYWALL	2	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
WSU Tech	CCP 148	VERTICAL AND HORIZONTAL FORMWORK	3	T	473	CONSTRUCTION/CARPENTRY	473	Carpentry/Carpenter 46.0201
Garden City CC	CNTR-210	CARPENTRY PLUMBING AND HVAC	2	T	473	CONSTRUCTION TECHNOLOGY CARPENTRY/CARPENTER 46.0201	473	CONSTRUCTION TECHNOLOGY CARPENTRY/CARPENTER 46.0201
Pratt CC	EPD150	ELECTRICAL ESSENTIALS	3	T	569	ELECTRIC POWER DISTRIBUTION	569	Electrical/Power Transmission Installation/Installer,General 46.0301
Manhattan Area Tech Col	EPD 110	POLE FRAMING AND CONSTRUCTION SPECIFICATIONS	4	T	569	ELECTRIC POWER DISTRIBUTION	569	Electrical/Power Transmission Installation/Installer,General 46.0301
Pratt CC	EPD131	SYSTEM DESIGN, CONSTRUCTION AND MAINTENANCE	3	T	569	ELECTRIC POWER DISTRIBUTION	569	Electrical/Power Transmission Installation/Installer,General 46.0301
Salina Area Tech Col	ELT 108	BULEPRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Highland CC	ELE165	BULEPRINTS & SCHEMATICS	3	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 200	BULEPRINTS AND SCHEMATICS	2	T	79	ELECTRICAL	79	Electrician 46.0302
Johnson County CC	ELTE 202	ELECTRICAL ESTIMATING	3	T	79	ELECTRICAL	79	Electrician 46.0302
Neosho County CC	ELEC 210	ELECTRICAL EXTERNSHIP	3	T	79	ELECTRICAL	79	Electrician 46.0302
Johnson County CC	ELTE 270	ELECTRICAL INTERNSHIP	3	T	79	ELECTRICAL	79	Electrician 46.0302
Johnson County CC	ELTE 270	ELECTRICAL INTERNSHIP	1	T	79	ELECTRICAL	79	Electrician 46.0302
Kansas City Kansas CC	ELET0280	ELECTRICAL INTERNSHIP	2	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 149	ELECTRICAL PRACTICUM I	3	T	79	ELECTRICAL	79	Electrician 46.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	ELCT 199	ELECTRICAL PRACTICUM II	3	T	79	ELECTRICAL	79	Electrician 46.0302
Washburn Institute of Tech	ELE220	ELECTRICITY II	6	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 110	INSTRUMENTS & MEASUREMENTS	1	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech North Central	EL207	INTERNSHIP	6	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 255	NATIONAL ELECTRIC CODE IV	4	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 299	OCCUPATIONAL WORK EXPERIENCE	5	T	79	ELECTRICAL	79	Electrician 46.0302
Coffeyville CC	ELEC 240	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Dodge City CC	ELEC115	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Washburn Institute of Tech	ELE132	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech Northwest	ELCT 115	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Highland CC	ELE115	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Johnson County CC	ELTE 115	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Kansas City Kansas CC	ELET0104	PRINT READING	2	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech North Central	EL208	SHOP PRACTICUM	6	T	79	ELECTRICAL	79	Electrician 46.0302
Fort Hays Tech North Central	EL208A	SHOP PRACTICUM	3	T	79	ELECTRICAL	79	Electrician 46.0302
Cowley County CC	MEC3400	INTRODUCTION TO MAINTENANCE	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	648	Electromechanical Technologies/Technicians,other 15.0499
Cowley County CC	MEC3489	MECHANICAL SYSTEMS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	648	Electromechanical Technologies/Technicians,other 15.0499
Cowley County CC	MEC3482	MOTORS AND ELECTRICAL CONTROLS	3	T	648	INDUSTRIAL MAINT/ELECTRICAL/ MECHANICAL	648	Electromechanical Technologies/Technicians,other 15.0499
Johnson County CC	FASH 123	APPAREL CONSTRUCTION I	4	T	185	FASHION/DESIGN	185	Fashion Merchandising 52.1902
Garden City CC	FIRE-112	BUILDING CONSTRUCTION	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203

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Salina Area Tech Col	FIR 125	BUILDING CONSTRUCTION	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203
Kansas City Kansas CC	FRSC0113	BUILDING CONSTRUCTION FOR FIRE PROTECTION	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203
Butler CC	FS 130	BUILDING CONSTRUCTION FOR THE FIRE SERVICE	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203
Johnson County CC	FIRE 127	BUILDING CONSTRUCTION FOR THE FIRE SERVICE	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203
Coffeyville CC	FIRE 150	BUILDING CONSTRUCTION RELATED TO FIRE SCIENCE	3	T	135	FIRE SCIENCE	135	Fire Science/Fire-fighting 43.0203
Fort Hays Tech Northwest	CRJ 260	CRIME SCENE RECONSTRUCTION	5	T	239	CRIMINAL JUSTICE	239	Forensic Science Technology 43.0406
Salina Area Tech Col	HVA 159	A/C, HEAT PUMPS, ELECTRIC HEAT	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 278	ADVANCED ELECTRICAL SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 119	ADVANCED ELECTRICAL THEORY FOR HVAC	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT130	ADVANCED ELECTRICAL THEORY FOR HVAC	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC123	ADVANCED ELECTRICAL THEORY FOR HVAC	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT135	ADVANCED HEATING SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC126	ADVANCED HEATING SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 124	ADVANCED HEATING SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC115	ADVANCED HEATING SYSTEMS FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC116	ADVANCED HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 202	ADVANCED HVAC I	5	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 204	ADVANCED HVAC II	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 151	ADVANCED REFRIGERATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Kansas City Kansas CC	HVAR0225	AIR CONDITIONING AND REFRIGERATION SYSTEMS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0230	AIR CONDITIONING AND REFRIGERATION TROUBLESHOOTING	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA170	AIR CONDITIONING CONTROL SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1633	AIR CONDITIONING DESIGN	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1203	AIR DISTRIBUTION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0107	BASIC SHEET METAL	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA102	BLUEPRINT READING AND SKETCHING	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT235	COMMERCIAL HVAC	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 208	COMMERCIAL HVAC	5	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 128	COMMERCIAL HVAC	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC230	COMMERCIAL HVAC	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT236	COMMERCIAL HVAC LAB	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC235	COMMERCIAL HVAC LAB	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 129	COMMERCIAL HVAC LAB	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA175	COMMERCIAL REFRIGERATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 181	COMMERCIAL REFRIGERATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 189	COMMERCIAL REFRIGERATION TROUBLESHOOTING, MOTOR CONTROLS AND ICE MACHINES	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 179	COMMERCIAL REFRIGERATION, COMPRESSORS, METERING DEVICES AND CONTROLS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Salina Area Tech Col	HVA 169	COMMERCIAL REFRIGERATION, EVAPORATORS, RECOVERY, CONDENSERS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 124	COMPRESSOR AND REFRIGERATION CONTROLS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 130	CONTROLS AND MOTORS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 109	CONTROLS AND MOTORS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 150	COOLING	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0226	COOLING 1	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0227	COOLING 2	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 201	COOLING SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 202	COOLING SYSTEMS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 170	DESIGN AND BLUEPRINT READING	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA121	DOMESTIC REFRIGERATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 120	DOMESTIC REFRIGERATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0235	DUCTLESS SYSTEMS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA136	ELECTRIC CIRCUITS AND CONTROL S	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0215	ELECTRIC HEATING SYSTEMS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0232	ELECTRICAL CONTROLS (MOTORS) 1	1	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0233	ELECTRICAL CONTROLS (MOTORS) 2	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0106	ELECTRICAL THEORY (ELECTRICITY & COMPONENTS) 2	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0205	ELECTRICAL THEORY AND CIRCUIT DESIGN	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Dodge City CC	CECT205	ENERGY LOADS AND CALCULATIONS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1204	ENVIRONMENTAL SYSTEMS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 154	GAS HEATING	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0210	GAS HEATING SYSTEMS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 123	HEAT LOADS AND DUCT SIZING	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0203	HEAT PUMP SYSTEMS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT230	HEAT PUMPS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC225	HEAT PUMPS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0225	HEATING (ELECTRIC)	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0235	HEATING (OTHER) GEOTHERMAL (GREEN TECHNOLOGY)	1	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0215	HEATING AND REFRIGERATION INTENSHP	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC2513	HEATING LAB	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT125	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC112	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC2413	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA158	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 136	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0120	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 140	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Neosho County CC	HVAC 107	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 114	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1023	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC120	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 121	HEATING SYSTEM FUNDAMENTALS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT225	HEATING SYSTEM FUNDAMENTALS II	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 122	HEATING SYSTEM FUNDAMENTALS II	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC207	HEATING SYSTEM INSTALLATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0220	HEATING SYSTEM TROUBLESHOOTING	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 109	HEATING SYSTEMS LAB	5	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 127	HEATS PUMPS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1013	HVAC CONTROLS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT115	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC113	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1414	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Highland CC	HVA122	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 105	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0115	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 1044	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Neosho County CC	HVAC 122	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 119	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1034	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC205	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 112	HVAC FUNDAMENTALS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1424	HVAC FUNDAMENTALS LAB	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 250	HVAC INSTALLATION AND START-UP PROCEDURES	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 251	HVAC INSTALLATION AND START-UP PROCEDURES	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 280	HVAC INTERNSHIP	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 280	HVAC INTERNSHIP	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Neosho County CC	HVAC 124	HVAC LAB	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Johnson County CC	HVAC 231	HVAC ROOFTOP UNITS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0230	HVAC SPECIAL PROJECTS 1	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0231	HVAC SPECIAL PROJECTS 2	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC109	INTERNSHIP	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT215	INTRO TO MECHANICAL REFRIGERATION	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC215	INTRO TO MECHANICAL REFRIGERATION	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 117	INTRO TO MECHANICAL REFRIGERATION	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1014	MOTORS & CONTROL SYSTEMS	4	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Ft. Scott CC	HVC2382	MOTORS & CONTROLS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Manhattan Area Tech Col	HVA 199	OCCUPATIONAL WORK EXPERIENCE	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0228	REFRIGERATION 1	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0110	REFRIGERATION FUNDAMENTALS	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0103	REFRIGERATION SYSTEM COMPONENTS 1	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0104	REFRIGERATION SYSTEM COMPONENTS 2	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0102	REFRIGERATION THEORY 2	1	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC2433	RESIDENTIAL CONTROLS	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC2443	RESIDENTIAL CONTROLS LAB	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Salina Area Tech Col	HVA 164	RTU HEATING AND A/C	1	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Ft. Scott CC	HVC1233	SHEET METAL FABRICATION	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAR0200	SHEET METAL FABRICATION	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Dodge City CC	CECT140	SHEET METAL FABRICATION I	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Washburn Institute of Tech	CEC135	SHEET METAL FABRICATION I	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	ACR 140	SHEET METAL FABRICATION I	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Fort Hays Tech North Central	PHAC108	SHOP PRACTICUM	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Seward County CC	AI1303	SYSTEM DESIGN	3	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
Kansas City Kansas CC	HVAC0204	SYSTEM SERVICING AND TROUBLESHOOTING	2	T	15	HEAT/AIR, VENT & REF MAINT TECH (HVAC) 47.0201	15	Heating/Air Conditioning, Ventilation & Refrigeration (HVAC) 47.0201
WSU Tech	EQP 121	DIESEL ENGINE REPAIR	4	T	214	HEAVY EQUIPMENT	214	Heavy Equipment Maintenance Technology/Technician 47.0302

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Johnson County CC	ITMD 214	BUILDING CONSTRUCTION AND ENVIRONMENTAL SYSTEMS FOR THE INTERIOR DESIGNER	3	T	218	INTERIOR DESIGN	218	Interior Design 50.0408
Johnson County CC	ITMD 185	CONSTRUCTION METHODS, BUILDING SYSTEMS AND REGULATIONS FOR THE INTERIOR DESIGNER	3	T	218	INTERIOR DESIGN	218	Interior Design 50.0408
Ft. Scott CC	CNT2086	ADVANCED MASONRY LAYING TECH	6	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Ft. Scott CC	CNT1084	MASONRY I	4	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Ft. Scott CC	CNT2064	MASONRY II	4	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Ft. Scott CC	CNT2024	MASONRY III	4	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Ft. Scott CC	CNT1106	MASONRY INSTALLATION TECH.	6	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Ft. Scott CC	CNT2074	MASONRY IV	4	T	407	CONSTRUCTION/MASONRY	407	Mason/Masonry 46.0101
Dodge City CC	DIE 200	ADV ELECTRICAL/ELECTRONIC SYSTEMS	7	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL291	ADVANCED CLUTCH AND POWER TRAIN	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 120	ADVANCED DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 180	ADVANCED DIESEL ENGINES	7	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT203	ADVANCED DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 295	ADVANCED DIESEL ENGINES	6	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 207	ADVANCED DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1115	ADVANCED DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM241	ADVANCED DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM148	ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1015	ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT202	ADVANCED ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	DSL 135	ADVANCED ELECTRICAL/ ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 209	ADVANCED ELECTRICAL/ ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL192	ADVANCED ENGINE MAINTENANCE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL212	ADVANCED ENGINE OVERHAUL	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 202	AIR AND ENGINE BRAKES	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 115	AIR CONDITIONING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL261	AIR CONDITIONING DIAGNOSIS/ REPAIR	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT207	ALTERNATIVE FUELS & BIO-FUEL	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM268	AUXILIARY POWER UNITS/ REFRIGERATION	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT205	BRAKES	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 275	BRAKES	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 109	BRAKES	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1303	BRAKES	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM143	BRAKES	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM230	BRAKES SERVICE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 255	CLUTCHES	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 203	DIESEL DRIVE TRAINS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT204	DIESEL ENGINE EMISSION	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI2003	DIESEL ENGINE FUEL SYSTEM	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Butler CC	DT 100	DIESEL ENGINES	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 101	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 120	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT102	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 273	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1105	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL133	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM231	DIESEL ENGINES I	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 155	DIESEL FUEL SYSTEM	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM265	DIESEL INTERNSHIP I	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM275	DIESEL INTERNSHIP II	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL275	DIESEL MANAGEMENT	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 190	DRIVE TRAINS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT103	DRIVE TRAINS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 265	DRIVE TRAINS	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 106	DRIVE TRAINS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM221	DRIVE TRAINS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1113	DRIVE TRAINS I	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 230	DRIVE TRAINS II	6	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Seward County CC	DI1122	DRIVE TRAINS II	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM248	DRIVE TRAINS II	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1005	ELECTRICAL/ ELECTRONICS SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 102	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM113	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT105	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 110	ELECTRICAL/ELECTRONIC SYSTEMS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL251	ELECTRIC-COMPUTER DIAGNOSIS/REPAIR	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 278	ELECTRONIC CONTROLS, SENSORS, & SENDERS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 103	EMISSIONS	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL121	ENGINE MAINTENANCE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM250	ENGINE PERFORMANCE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 208	FUEL LAB	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL152	FUEL SYSTEMS DIAGNOSIS/REPAIR	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 170	FUNDAMENTALS OF HYDRAULICS	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL111	FUNDAMENTALS/OPERATING PRINCIPLES	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Dodge City CC	DIE 130	HEAT VENTILATION AND AIR CONDITION	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1102	HVAC	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL232	HYDRAULIC DIAGNOSIS/REPAIR	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	DSL 175	HYDRAULIC PUMPS AND MOTORS	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 180	HYDRAULIC VALVES AND CYLINDERS	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1025	HYDRAULICS	5	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 203	HYDROSTATIC DRIVE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT209	INTERNSHIP	6	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT106	MOBILE HVAC	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 201	POWERSHIFTS	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 250	POWERTRAINS	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 140	PREVENTATIVE MAINTENANCE	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM134	SCANNER DIAGNOSTICS	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DT 220	SMALL ENGINE PREVENTION & MAINTENANCE	6	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DT 280	SPECIALIZATION/OCCUPATIONAL EXPERIENCE	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 107	STANDARD TRANSMISSIONS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech North Central	DT206	SUSPENSION & STEERING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 270	SUSPENSION & STEERING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM238	SUSPENSION & STEERING SERVICE	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 206	SUSPENSION AND STEERING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Seward County CC	DI1203	SUSPENSION AND STEERING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Washburn Institute of Tech	DEM138	SUSPENSION AND STEERING	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	DSL 105	TOOLS, FASTENERS AND FITTINGS	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 202	TORQUE CONVERTERS	1	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Highland CC	DSL281	TRANSMISSION OVERHAUL/ DIAGNOSIS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Fort Hays Tech Northwest	DSL 260	TRANSMISSIONS	4	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Butler CC	DT 200	TRUCK AND HEAVY EQUIPMENT REPAIR	2	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Salina Area Tech Col	DST 108	WHEEL ENDS	3	T	19	DIESEL	19	Medium/Heavy Vehicle & Truck Technology/Technician 47.0613
Johnson County CC	HVAC 165	410-A REFRIGERANT MANAGEMENT	1	T	42	NON-TIER	42	NON-TIER
Johnson County CC	HVAC 166	A2L REFRIGERANT MANAGEMENT	1	T	42	NON-TIER	42	NON-TIER
Barton County CC	OSHA5020	CONSTRUCTION INDUSTRY TRAINEE UPDATE	1.5	N	42	NON-TIER	42	NON-TIER
Salina Area Tech Col	CON 105	CONSTRUCTION MATH	1	N	42	NON-TIER	42	NON-TIER
Hutchinson CC	TH130	COSTUME DESIGN AND CONSTRUCTION	3	N	42	NON-TIER	42	NON-TIER
Johnson County CC	ELTE 223	ELECTRICAL CERTIFICATION REVIEW	1	N	42	NON-TIER	42	NON-TIER
Highland CC	ELE100A	ELECTRICAL CONTINUING EDUCATION	0.5	N	42	NON-TIER	42	NON-TIER
Fort Hays Tech Northwest	EL 235	ELECTRICAL JOURNEYMAN'S EXAM	4	N	42	NON-TIER	42	NON-TIER
Kansas City Kansas CC	ELET0120	ELECTRICAL MATH	3	N	42	NON-TIER	42	NON-TIER
Barton County CC	OSHA1010	ELECTRICAL STANDARDS	2	N	42	NON-TIER	42	NON-TIER
Johnson County CC	HVAC 164	EPA 608	1	T	42	NON-TIER	42	NON-TIER
Kansas City Kansas CC	HVAC0220	EPA 608	1	T	42	NON-TIER	42	NON-TIER
Neosho County CC	HVAC 120	EPA 608	1	T	42	NON-TIER	42	NON-TIER

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Johnson County CC	HVAC 164	EPA 608 REFRIGERANT MANAGEMENT	1	T	42	NON-TIER	42	NON-TIER
Seward County CC	DF1012	GEOMETRIC CONSTRUCTIONS	2	N	42	NON-TIER	42	NON-TIER
Johnson County CC	HVAC 275	HVAC CODE REVIEW	3	T	42	NON-TIER	42	NON-TIER
Ft. Scott CC	HVC1481	HVAC SPECIAL PROJECT	1	T	42	NON-TIER	42	NON-TIER
Johnson County CC	HVAC 220	HVAC TRADE CERTIFICATION REVIEW	2	T	42	NON-TIER	42	NON-TIER
Fort Hays Tech Northwest	PLM 115	PLUMBING CALCULATIONS AND DRAWINGS I	2	N	42	NON-TIER	42	NON-TIER
Fort Hays Tech Northwest	PLM 130	PLUMBING CALCULATIONS AND DRAWINGS II	4	N	42	NON-TIER	42	NON-TIER
Johnson County CC	PLUM 275	PLUMBING CODE	3	N	42	NON-TIER	42	NON-TIER
Kansas City Kansas CC	HVAC0221	R-410A SAFETY CERTIFICATION (GREEN TECHNOLOGY)	1	T	42	NON-TIER	42	NON-TIER
Salina Area Tech Col	WEL 175	SPECIAL TOPICS IN WELDING	1	N	42	NON-TIER	42	NON-TIER
Cowley County CC	WEL3636	WELDING MATH & LAYOUT	3	N	42	NON-TIER	42	NON-TIER
Cowley County CC	WEL3610	WELDING TECHNOLOGY FOR EDUCATORS	2	N	42	NON-TIER	42	NON-TIER
Kansas City Kansas CC	HVAC0130	WORKPLACE SKILLS	1	T	42	NON-TIER	42	NON-TIER
Neosho County CC	HVAC 101	WORKPLACE SKILLS	1	T	42	NON-TIER	42	NON-TIER
Fort Hays Tech Northwest	PLM 220	ADVANCED PLUMBING	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 145	ADVANCED PLUMBING FIXTURES	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 290	APPLIED PLUMBING PROJECTS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 140	BACKFLOW PREVENTERS	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 135	BUILDING SUPPLY SYSTEMS	5	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Neosho County CC	PLMB 106	CAST IRON AND CARBON STEEL PIPE AND FITTINGS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	PLM 225	CODES AND SPECIAL SYSTEMS	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 135	CODES AND SPECIAL SYSTEMS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 250	COMMERCIAL PLUMBING	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 105	CRAFT SKILLS FOR PLUMBING	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 210	DWV AND WATER DISTRIBUTION	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 125	DWV AND WATER DISTRIBUTION SYSTEMS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 145	ELECTRICITY AND FUEL GAS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Neosho County CC	PLMB 108	FIXTURES AND DRAIN WASTE AND VENT SYSTEMS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 105	INDTRODUCTION CRAFT SKILLS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 240	INSTALLATION, MAINTENANCE AND REPAIR	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 215	INTERMEDIATE PLUMBING	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Barton County CC	PLMB1020	INTRODUCTION TO PLUMBING	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU100	INTRODUCTION TO PLUMBING TECHNOLOGY	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU101	INTRODUCTION TO PLUMBING TECHNOLOGY	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 110	INTRODUCTION TO PLUMBING TECHNOLOGY	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 235	MEDICAL GAS AND VACUUM SYSTEMS	1	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 299	OCCUPATIONAL WORK EXPERIENCE	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 130	OCCUPATIONAL WORK EXPERIENE I	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 120	PIPES AND FITTINGS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Neosho County CC	PLMB 104	PLASTIC AND COPPER PIPE, TUBE AND FITTINGS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 120	PLUMBING BASICS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU102	PLUMBING BLUEPRINT READING	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU105	PLUMBING ELECTRICITY & GAS	1	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Neosho County CC	PLMB 110	PLUMBING EXTERNSHIP	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU104	PLUMBING FITTINGS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Barton County CC	PLMB1030	PLUMBING FIXTURES AND FITTINGS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 115	PLUMBING FIXTURES AND FITTINGS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 140	PLUMBING FIXTURES AND VALVES	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU108	PLUMBING FIXTURES I	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU110	PLUMBING FIXTURES II	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Neosho County CC	PLMB 102	PLUMBING FUNDAMENTALS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 280	PLUMBING INTERNSHIP	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU200	PLUMBING INTERNSHIP	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU201	PLUMBING INTERNSHIP	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU202	PLUMBING PROJECTS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Barton County CC	PLMB1010	PLUMBING SYSTEMS	1	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU109	PLUMBING SYSTEMS AND CODES	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU103	PLUMBING SYSTEMS, FIXTURES, AND FITTINGS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Washburn Institute of Tech	PLU107	PLUMBING TECHNOLOGY II	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 110	PLUMBING TOOLS AND SAFETY	2	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Washburn Institute of Tech	PLU113	PLUMBING WATER SYSTEMS AND DISTRIBUTION	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Manhattan Area Tech Col	PLM 140	PLUMBING, ELECTRICITY, AND GAS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 130	PRINT READING AND ESTIMATING	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 230	PRIVATE SYSTEMS	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	PLUM 125	RESIDENTIAL PLUMBING	3	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 210	VENTING AND PUMPS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Fort Hays Tech Northwest	PLM 205	WATER SUPPLY SYSTEMS	4	T	44	PLUMBING	44	Plumbing Technology/Plumber 46.0503
Johnson County CC	RRIT 145	FROG WELDING	3	T	46	RAILROAD	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 166	MECHANICAL WELDING AIR BRAKE PIPE	3	T	46	RAILROAD	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 136	RAIL AND SWITCH POINT REPAIR WELDING	3	T	46	RAILROAD	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 142	STRUCTURAL PILE WELDING	3	T	46	RAILROAD	46	Railroad & Railway Transportation 49.0208
Johnson County CC	RRIT 132	THERMITE WELDING	3	T	46	RAILROAD	46	Railroad & Railway Transportation 49.0208
Fort Hays Tech Northwest	PST 120	ELECTRICAL	4	T	676	POWERSPORTS	676	Small Engine Mechanics & Repair Technology/Technician 47.0606
Johnson County CC	MFAB 133	(GMAW) GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 136	(GTAW) GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 131	(SMAW) SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL110	ADVANCED CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Colby CC	WD220	ADVANCED GAS METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 220	ADVANCED GAS METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 126	ADVANCED GAS METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD210	ADVANCED GAS TUNGSTEN ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 210	ADVANCED GAS TUNGSTEN ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 124	ADVANCED GAS TUNGSTEN ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0230	ADVANCED GMAW	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 241	ADVANCED GMAW WELDING	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 250	ADVANCED GMAW-FCAW WELDING	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0240	ADVANCED GTAW	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 260	ADVANCED GTAW WELDING	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL111	ADVANCED PIPEWELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 160	ADVANCED PRODUCTION BLUEPRINT READING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD240	ADVANCED SHIELDED AND METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 240	ADVANCED SHIELDED METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 128	ADVANCED SHIELDED METAL ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0220	ADVANCED SMAW	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 230	ADVANCED SMAW WELDING	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD2123	ADVANCED WELDING (GMAW II: GAS METAL ARC WELDING II)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD2023	ADVANCED WELDING (SMAW II: SHIELDED METAL ARC WELDING II)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Kansas City Kansas CC	WELD0255	ALUMINUM WELDINIG	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1002	ARC CUTTING AND GOUGING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1313	ARC WELDING PALTE	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1023	ARC WELDING PRINCIPLES AND PRACTICES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 125	AUTOMATED CUTTING PROCESSES	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0270	AUTOMATED WELDING AND CUTTING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 206	AUTOMOATED WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD1023	BASIC GMAW: GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD2013	BASIC GTAW: GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD1013	BASIC SMAW: SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE100	BASIC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3615	BASIC WELDING PROCESSES I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3620	BASIC WELDING PROCESSES II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3635	BASIC WELDING PROCESSES III	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3640	BASIC WELDING PROCESSES IV	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 103	BLUE PRINT READING FOR WELDERS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 103	BLUE PRINT READING FOR WELDERS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 180	BLUEPRINT AND SYMBOLS READING FOR WELDERS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 125	BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT162	BLUEPRINT READING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 1153	BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Pratt CC	WLD111	BLUEPRINT READING & WELDING SYMBOLS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD1033	BLUEPRINT READING (WELDING)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	IE125	BLUEPRINT READING AND CUTTING PROCESSES	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 102	BLUEPRINT READING FOR FITTERS AND WELDERS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-103	BLUEPRINT READING FOR WELDERS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT190	BLUEPRINT READING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL106A	BLUEPRINT READING/WELDING SYMBOLS I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL106B	BLUEPRINT READING/WELDING SYMBOLS II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1353	BLUEPRINT READING-WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 285	CNC PLASMA CUTTING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL112	CNC PLASMA CUTTING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 145	CORE WIRE WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 223	CORE WIRE WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1352	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 126	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 127	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 115	CUTTING PROCESSES	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 115	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT115	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0110	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 1303	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 106	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Seward County CC	WE1033	CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE106	CUTTING PROCESSES FOR WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 126	CUTTING PROCESSES FOR WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD132	DESIGN & FABRICATION I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD232	DESIGN & FABRICATION II	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 112	DESTRUCTIVE TESTING METHODS	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 118	DISCONTINUITIES AND DEFECTS	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 116	FABRICATION	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 145	FABRICATION AND DESIGN	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 120	FABRICATION AND PRODUCTION	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 215	FABRICATION PRACTICES I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 250	FABRICATION PRACTICES II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0265	FABRICATION WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL113	FCAW	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL222	FCAW I	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL220	FCAW WELDING	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	IE128	FLUX CORE ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 220	FLUX CORE ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 106	FLUX CORED ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE116	FLUX CORED ARC WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 155	FLUX CORED ARC WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL221	FLUX CORED ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Manhattan Area Tech Col	WLD 1604	FLUX CORED ARC WELDING STRUCTURAL	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 222	FLUXED CORED ARC WELDING I	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 232	FLUXED CORED ARC WELDING II	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1351	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	IE127	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD160	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3633	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE110	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 160	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 150	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 120	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 115	GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-122	GAS METAL ARC WELDING (GMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT135	GAS METAL ARC WELDING (GMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Independence CC	IND1313	GAS METAL ARC WELDING (GMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1133	GAS METAL ARC WELDING (GMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-120	GAS METAL ARC WELDING (GMAW) (DC PATHWAY)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 127	GAS METAL ARC WELDING 1 (GMAW 1)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 227	GAS METAL ARC WELDING 2 (GMAW 2)	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 155	GAS METAL ARC WELDING ADVANCED	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD114	GAS METAL ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL141	GAS METAL ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Barton County CC	WELD1361	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 231	GAS METAL ARC WELDING II	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 281	GAS METAL ARC WELDING II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE111	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 210	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD214	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 215	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL145	GAS METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT180	GAS METAL ARC WELDING II (GMAW II)	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3622	GAS METAL ARC WELDING/ STRUCTURAL	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL240	GAS METAL ARC WELDING-PLATE	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1349	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	IE129	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD130	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3642	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE112	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 130	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 171	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 116	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 116	GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-201	GAS TUNGSTEN ARC WELDING (GTAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT145	GAS TUNGSTEN ARC WELDING (GTAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Independence CC	IND1323	GAS TUNGSTEN ARC WELDING (GTAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Seward County CC	WE1143	GAS TUNGSTEN ARC WELDING (GTAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-200	GAS TUNGSTEN ARC WELDING (GTAW) (DC PATHWAY)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 128	GAS TUNGSTEN ARC WELDING 1 (GTAW 1)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 228	GAS TUNGSTEN ARC WELDING 2 (GTAW 2)	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL246	GAS TUNGSTEN ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1359	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 210	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 255	GAS TUNGSTEN ARC WELDING II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE113	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 241	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD215	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 216	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL267	GAS TUNGSTEN ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT185	GAS TUNGSTEN ARC WELDING II (GTAW II)	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 220	GAS TUNGSTEN ARC WELDING III	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE217	GAS TUNGSTEN ARC WELDING III	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3623	GAS TUNGSTEN ARC WELDING/ STRUCTURAL	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 181	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 252	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL103	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 146	GMAW	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 135	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0130	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Washburn Institute of Tech	WEL141A	GMAW	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 120	GMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL242	GMAW - ALUMINUM	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 114	GMAW ADVANCED	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 205	GMAW ADVANCED ASME/API	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 243	GMAW D1.1 CERTIFICATION	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 103	GMAW GAS METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 160	GMAW II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 121	GMAW II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL145A	GMAW WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 190	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 254	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL104	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 155	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0140	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 125	GTAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 1764	GTAW ADVANCED	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 105	GTAW GAS TUNGSTEN ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 126	GTAW II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE118	INDUSTRIAL ROBOTIC WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-212A	INDUSTRIAL WELDING I	11	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-212B	INDUSTRIAL WELDING II	11	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0202	INTERMEDIATE WELDING TECHNIQUES	1	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Fort Hays Tech Northwest	WD 196	INTERNSHIP	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0285	INTERNSHIP	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 116	INTRO TO WELDING INSPECTION	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1348	INTRODUCTION TO WELDING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 124	INTRODUCTION TO WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1102	INTRODUCTION TO WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL114	INTRODUCTION TO WELDING ROBOTICS	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-213	LAYOUT AND FABRICATION	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1303	LAYOUT AND FIT-UP PRACTICES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 140	MAINTENANCE REPAIR WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 149	MATERIALS AND TESTING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 135	MEASUREMENT AND SPECIFICATION	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 271	METAL FABRICATION INTERNSHIP	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 199	OCCUPATIONAL WORK EXPERIENCE	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 110	OXY FUEL WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD112	OXY-ACETYLENE WELDING & CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 141	OXY-ACETYLENE WELDING AND CUTTING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL101	OXY- ACETYLENE/OXY FUEL PROCEDURES	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1003	OXY-FUEL GAS CUTTING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 130	OXY-FUEL GAS WELDING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0201	OXY-FUEL WELDING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Washburn Institute of Tech	WEL160	OXY-FUEL WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL120	OXY-FUEL/CUTTING PROCEDURES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 242	PIPE LAYOUT AND BLUEPRINT READING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD180	PIPE LAYOUT AND BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 180	PIPE LAYOUT AND BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL109	PIPE WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD131	PIPE WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD231	PIPE WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 170	PIPE WELDING SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 180	PIPE WELDING TIG	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 140	PRACTICUM IN FABRICATION I	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 165	PRACTICUM IN FABRICATION II	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	INR3723	PRINT READING FOR WELDERS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 135	PRODUCTION BLUEPRINT READING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 123	PRODUCTION WELDING PROCESSES I	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 123	PRODUCTION WELDING PROCESSES I	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 151	PRODUCTION WELDING PROCESSES II	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 151	PRODUCTION WELDING PROCESSES II	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD234	ROBOTIC WELDING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 130	ROBOTIC WELDING	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Highland CC	IWT125	SHIELD METAL ARC WELDING (SMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Highland CC	IWT175	SHIELD METAL ARC WELDING II (SMAW II)	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1350	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	IE126	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD150	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3632	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE104	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 140	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 140	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 118	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 111	SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-111	SHIELDED METAL ARC WELDING (SMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Independence CC	IND1303	SHIELDED METAL ARC WELDING (SMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1153	SHIELDED METAL ARC WELDING (SMAW)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Garden City CC	WELD-110	SHIELDED METAL ARC WELDING (SMAW) (DC PATHWAY)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 129	SHIELDED METAL ARC WELDING 1 (SMAW 1)	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 229	SHIELDED METAL ARC WELDING 2 (SMAW 2)	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 145	SHIELDED METAL ARC WELDING ADVANCED STRUCTURAL	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD104	SHIELDED METAL ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL131	SHIELDED METAL ARC WELDING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1362	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 140	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 134	SHIELDED METAL ARC WELDING II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE105	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Johnson County CC	MFAB 205	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD204	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 112	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL135	SHIELDED METAL ARC WELDING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 160	SHIELDED METAL ARC WELDING III	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE218	SHIELDED METAL ARC WELDING III	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Johnson County CC	MFAB 259	SHIELDED METAL ARC WELDING III	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3613	SHIELDED METAL ARC WELDING/ STRUCTURAL	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL107	SHOP PRACTICUM	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 203	SMA/GTAW ADVANCED ASME	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Coffeyville CC	WELD 120	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 133	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL102	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 141	SMAW	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 130	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0120	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL131A	SMAW	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 115	SMAW	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 108	SMAW BASIC SHIELDED METAL ARC WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 242	SMAW D1.1 CERTIFICATION	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL135A	SMAW I	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 175	SMAW II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Washburn Institute of Tech	WEL230	SMAW II	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 116	SMAW II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 204	SMAW PIPE ADVANCED API	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 113	SMAW PRE-PIPE	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 165	SMAW/GTAW PIPE WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3645	SPECIAL ALLOY WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3644	SPECIAL ALLOY WELDING/ INSPECTION	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech North Central	WL105	SPECIAL WELDING PROCEDURES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Ft. Scott CC	WLD2033	SPECIAL WELDING TECHNIQUES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD235	SPECIALITY WELDING PROCESSES	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Colby CC	WD260	SPECIALIZED WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Labette CC	WELD 260	SPECIALIZED WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 130	SPECIALIZED WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0260	STAINLESS STEEL WELDING	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1103	STRUCTURAL QUALIFICATION AND CERTIFICATION	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 115	THERMAL CUTTING PROCESS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD115	TUNGSTEN INERT GAS WELDING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 117	WELDING AND INSPECTION I LAB	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 217	WELDING AND INSPECTION II LAB	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 213	WELDING AND PIPE FITTING	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 110	WELDING APPLICATIONS	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 108	WELDING BLUEPRINT READING	5	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE102	WELDING BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Independence CC	IND1343	WELDING BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 122	WELDING BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Salina Area Tech Col	WEL 150	WELDING BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL105	WELDING BLUEPRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 120	WELDING BLUEPRINT READING I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 150	WELDING BLUEPRINT READING II	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0105	WELDING BLUEPRINTS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Kansas City Kansas CC	WELD0280	WELDING CODES AND ADVANCED INSPECTION	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1101	WELDING CODES AND STANDARDS	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Independence CC	IND1333	WELDING CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Neosho County CC	MFGT 114	WELDING CUTTING PROCESSES	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 111	WELDING DISCONTINUITY AND DEFECTS	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3637	WELDING FABRICATION	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL270	WELDING FABRICATION	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE209	WELDING FABRICATION PROCESSES	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE117	WELDING INSPECTION AND QUALIFICATION I	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE220	WELDING INSPECTION AND QUALIFICATION II	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 117	WELDING INSPECTION AND QUALIFICATIONS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL170	WELDING INSPECTION AND QUALIFICATIONS	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Barton County CC	WELD1160	WELDING INTERNSHIP	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
WSU Tech	CWG 160	WELDING INTERNSHIP	4	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL295	WELDING LAYOUT	3	T	32	WELDING	32	Welding Technology/Welder 48.0508

Institution Name	Course ID	Course Title	Course Credit Hours	Tiered/ Non-Tiered	Bucket ID	Current Bucket Assignment	Bucket ID	Recommended Bucket Assignment
Hutchinson CC	WE115	WELDING LAYOUT AND CALCULATIONS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cowley County CC	WEL3638	WELDING MATERIALS INSPECTION & TESTING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Hutchinson CC	WE128	WELDING METALLURGY	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 110	WELDING METALLURGY	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Pratt CC	WLD181	WELDING METALLURGY	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 128	WELDING METALLURGY	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Washburn Institute of Tech	WEL227	WELDING METALLURGY	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Butler CC	WE 114	WELDING METHODS	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WD 194	WELDING PRACTICES I	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 194	WELDING PRACTICES I	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Fort Hays Tech Northwest	WELD 197	WELDING PRACTICES II	6	T	32	WELDING	32	Welding Technology/Welder 48.0508
Seward County CC	WE1043	WELDING PRINT READING	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Flint Hills Tech Col	WLD 110	WELDING PROCEDURES AND QUALIFICATION	1	T	32	WELDING	32	Welding Technology/Welder 48.0508
Manhattan Area Tech Col	WLD 190	WELDING PROJECT MANAGEMENT	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Dodge City CC	MT 125	WELDING THEORY	2	T	32	WELDING	32	Welding Technology/Welder 48.0508
Salina Area Tech Col	WEL 105	WELDING THEORY	3	T	32	WELDING	32	Welding Technology/Welder 48.0508
Cloud County CC	WE215	ELECTRICAL SYSTEM PROTECTION AND COORDINATION	3	T	108	ENERGY/WIND	108	Wind Energy Technology/Technician 15.1704