

Excel in CTE Courses

JCCC Courses Funded by the Excel in Career and Technical Education (CTE) Initiative

The Kansas State Senate passed Excel in CTE in May 2012. This bill authorizes JCCC to waive the cost of tuition for high school students who meet JCCC Kansas residency requirements for enrollment in any tiered career technical course aligned to an approved Workforce Development program. Textbook, program fees and any other additional fees may apply.

Early College Excel in CTE web page (<https://www.jccc.edu/admissions/early-college/sb-155.html>)

The following courses have been identified as eligible courses. All admission and registration requirements are applicable.

Code	Title	Hours
ACCT 111	Small Business Accounting	3
ACCT 121	Accounting I	3
ACCT 122	Accounting II*	3
ACCT 131	Federal Income Taxes I	3
ACCT 132	Federal Income Taxes II*	3
ACCT 137	Accounting Applications - QuickBooks*	3
ACCT 210	Data Analytics for Accounting*	3
ACCT 215	Accounting for Nonprofit Organizations*	3
ACCT 222	Managerial Accounting*	3
ACCT 231	Intermediate Accounting I*	3
ACCT 232	Intermediate Accounting II*	3
ACCT 240	Fraud Examination*	3
ACCT 278	Accounting Internship*	1
ACCT 285	Accounting Capstone*	3
AET 110	Industrial Maintenance	3
AET 111	AC/DC Circuits	4
AET 120	Industrial Fluid Power	3
AET 122	Industrial Code	3
AET 140	Actuator and Sensor Systems*	3
AET 160	Programmable Logic Controllers I*	3
AET 185	LAN Cabling and Installation	3
AET 240	Industrial Robotics*	3
AET 255	Motor Controls and Variable Frequency Drives*	3
AET 260	Programmable Logic Controllers II*	3
AET 270	Programmable Logic Controllers III*	3
AET 280	Automation Engineer Technology Capstone Course*	3
ASL 120	Elementary American Sign Language I	3
ASL 121	Elementary American Sign Language II*	3
ASL 122	Intermediate American Sign Language I*	3
ASL 123	Intermediate American Sign Language II*	3
ASL 135	Intro to American Sign Language Linguistics*	3
ASL 145	Introduction to the Deaf Community*	3
ASL 147	Fingerspelling I*	2
ASL 150	American Sign Language Literature*	3
AUTO 114	Introduction to Automotive Practices	4
AUTO 121	Small Engine Service	3
AUTO 129	Brakes I*	3
AUTO 131	Brakes II*	1



AUTO 150	Steering and Suspension I*	3
AUTO 151	Alignment Practicum*	1
AUTO 155	Automotive Engine Repair*	3
AUTO 156	Electrical I*	3
AUTO 161	Engine Performance I*	3
AUTO 162	Electrical II*	3
AUTO 205	Engine Performance II*	3
AUTO 207	Manual Drivetrains and Axles*	3
AUTO 211	Automotive Heating and Air Conditioning*	3
AUTO 214	Electrical III*	4
AUTO 215	Engine Performance III*	3
AUTO 237	Diesel and Hybrid Vehicles Maintenance and Light Repair*	3
AUTO 252	Automatic Transmissions*	3
AUTO 265	Comprehensive Vehicle Diagnosis*	3
AUTO 271	Automotive Technology Internship*	3
AVHO 102	Certified Nurse Aide (CNA)	5
AVHO 104	Certified Medication Aide (CMA)*	4
BIOL 227	Human Pathophysiology*	4
BLAW 261	Business Law I*	3
BLAW 263	Business Law II*	3
BOT 130	Business Office Procedures	3
BOT 141	Electronic Health Records Applications	3
BOT 150	Records Management*	3
BOT 170	Introduction to Medical Coding and Billing*	3
BOT 275	Office Internship*	1
BUS 121	Introduction to Business	3
BUS 215	Savings and Investments	3
BUS 235	Introduction to International Business	3
BUS 241	Principles of Management	3
BUS 243	Human Resource Management	3
BUS 245	Small Business Management	3
CIS 204	UNIX Scripting and Utilities*	3
CIS 242	Introduction to System Design and Analysis*	3
CIS 260	Database Management*	4
CIS 264	Application Development and Programming*	4
CIS 270	Information Systems Internship*	3
CIS 275	Web-Enabled Database Programming*	4
CMGT 100	Industrial Safety/OSHA-30	3
CMGT 105	Construction Methods	3
CMGT 125	Construction Specifications*	2
CMGT 129	Construction Management	3
CMGT 150	Construction Safety/OSHA-30	3
CMGT 160	Green Building Fundamentals*	3
CMGT 225	Construction Documents*	2
CS 134	Programming Fundamentals	4
CS 200	Concepts of Programming Algorithms Using C++*	4
CS 201	Concepts of Programming Algorithms using C#*	4
CS 202	Concepts of Programming Algorithms using Python*	4
CS 205	Concepts of Programming Algorithms using Java*	4



CS 210	Discrete Structures I*	3
CS 211	Discrete Structures II*	3
CS 235	Object-Oriented Programming Using C++*	4
CS 236	Object-Oriented Programming Using C#*	4
CS 250	Basic Data Structures using C++*	4
CS 252	Basic Data Structures Using Python*	4
CS 255	Basic Data Structures Using Java*	4
CSS 114	Databases I: MS Access*	1
CSS 115	Databases II: MS Access*	2
CSS 120	Computer User Support Skills*	3
CSS 121	Introduction to Project Management*	1
CSS 138	Operating Systems: Windows*	1
CSS 140	Digital Devices and Online Technologies*	3
CSS 290	Computer Support Specialist Internship*	2
DHYG 121	Clinical Dental Hygiene I: Pre-Clinic*	5
DHYG 125	Developmental Dentistry*	2
DHYG 135	Dental Materials*	2
DHYG 140	Clinical Dental Hygiene II*	4
DHYG 142	Dental Radiography*	2
DHYG 146	Periodontics*	3
DHYG 148	Dental Health Education*	2
DHYG 221	Clinical Dental Hygiene III*	6
DHYG 225	General and Oral Pathology*	3
DHYG 232	Pharmacology for the Dental Hygienist*	2
DHYG 234	Local Anesthesia for the Dental Hygienist*	1
DHYG 240	Dental Public Health*	2
DHYG 245	Nitrous Oxide Analgesia*	1
DHYG 250	Clinical Dental Hygiene IV*	6
DIET 100	Foodservice Management for Dietary Managers	3
DIET 275	Dietary Managers Practicum*	2
DRAF 120	Introduction to Drafting	2
DRAF 123	Interpreting Machine Drawings*	2
DRAF 129	Interpreting Architectural Drawings	2
DRAF 130	Introduction to CAD Concepts - AutoCAD*	3
DRAF 132	Exploring AutoCAD	3
DRAF 135	Graphic Analysis*	3
DRAF 142	Exploring Autodesk Fusion 360	2
DRAF 143	Introduction to BIM Building Information Modeling*	2
DRAF 145	Introduction to Parametric Design: Inventor*	2
DRAF 152	3D Modeling with SketchUp	2
DRAF 162	3D Printing	2
DRAF 211	Engineering Design Problems*	3
DRAF 222	Mechanical Design and Drafting*	3
DRAF 225	Civil Drafting*	3
DRAF 230	Intermediate CAD: AutoCAD*	3
DRAF 238	Architectural Design and Drafting*	3
DRAF 243	Advanced BIM: Revit*	2
DRAF 244	Civil 3D*	2
DRAF 245	Advanced Parametric Design: Inventor*	2

DRAF 246	MicroStation for AutoCAD users*	2
DRAF 247	Revit Systems MEP (Mechanical, Electrical, Plumbing)*	2
DRAF 252	Structural Design and Drafting*	3
DRAF 264	CAD:Interior Design*	3
DRAF 271	Drafting Internship I*	3
DRAF 272	Drafting Internship II*	3
DS 220	Data Visualization	3
DS 230	SQL for Data Analysis	3
DS 240	Introduction to Statistical Programming	3
DS 260	Data Mining*	3
DS 280	Big Data Architecture	3
ELEC 120	Introduction to Electronics	3
ELEC 125	Digital Electronics I	4
ELEC 134	DC Circuits*	4
ELEC 160	Semiconductor Devices I*	3
ELEC 212	Fundamentals of Light and Lasers*	3
ELEC 227	Digital Electronics II*	4
ELEC 234	AC Circuits*	4
ELEC 235	Digital Systems and Applications*	4
ELEC 240	Electronic Communication Systems*	4
ELEC 251	Laser Systems and Applications*	3
ELEC 252	Specialized Lasers and System Integration*	3
ELEC 260	Semiconductor Devices II*	4
ELEC 271	Electronics Internship*	1-3
ELTE 111	AC/DC Circuits	4
ELTE 115	Print Reading	2
ELTE 122	National Electrical Code I	4
ELTE 125	Residential Wiring*	4
ELTE 175	Low Voltage Wiring*	3
ELTE 200	Commercial Wiring*	4
ELTE 202	Electrical Estimating*	3
ELTE 211	Solar Electric Systems*	3
ELTE 220	Heavy Commercial Wiring*	3
ELTE 222	National Electrical Code II*	4
ELTE 230	Industrial Wiring*	3
ELTE 250	Industrial Motor Applications*	3
ELTE 270	Electrical Internship*	1-3
EMS 129	Emergency Medical Responder*	6
EMS 132	Emergency Medical Technician*	12
EMS 140	Basic Cardiology and EKG Recognition*	3
EMS 220	Medic I*	10
EMS 221	Paramedic I - Human Systems*	3
EMS 225	Medic II*	10
EMS 226	Paramedic II - Patient Assessment and Pharmacology*	3
EMS 230	Medic III Clinicals*	12
EMS 231	Paramedic III - Cardiology*	3
EMS 235	Paramedic IV - Medical Emergencies 1*	3
EMS 240	Paramedic V - Medical Emergencies 2*	3
EMS 245	Paramedic VI - Trauma*	3



EMS 250	Paramedic VII - Clinicals 1*	6
EMS 255	Paramedic VIII - Clinicals 2*	6
EMS 260	Paramedic IX- Field Internship 1*	8
EMS 271	Medic IV Field Internship*	15
EMS 272	Paramedic X - Field Internship 2*	8
ENTR 131	Financial Management for Small Business	2
EVRN 134	Principles of Sustainability	3
FASH 121	Fashion Fundamentals	3
FASH 122	Aesthetics for Merchandising and Design	3
FASH 123	Apparel Construction I	4
FASH 125	Visual Merchandising	3
FASH 130	Fashion Drawing	3
FASH 133	Computer Aided Apparel Design	3
FASH 150	Textiles for Fashion	3
FASH 225	Store Planning*	3
FASH 231	Merchandising Planning and Control*	3
FASH 235	Online Retailing	3
FASH 242	Product Knowledge for Merchandisers	3
FASH 268	Field Study: The Market Center*	3
FASH 282	Fashion Internship	1
FASH 295	Capstone: Merchandising and Marketing*	3
FIRE 112	Hazardous Materials Awareness and Operations*	3
FIRE 113	Firefighter I*	3
FIRE 114	Firefighter II*	3
FIRE 115	Firefighter Practicum*	3
FIRE 119	Fundamentals of Wildland Firefighting, Firefighter Type II Training*	3
FIRE 126	Principles of Emergency Services*	3
FIRE 127	Building Construction for the Fire Service*	3
FIRE 133	Fire Investigation*	3
FIRE 136	Fire and Emergency Management*	3
FIRE 152	Codes, Detection and Suppression Systems*	3
FIRE 153	Fire Prevention*	3
FIRE 162	Firefighting Strategies and Tactics*	3
FIRE 165	Fundamentals of Wildland Urban Interface Fire Suppression*	3
FIRE 166	Fire Behavior and Combustion*	3
FIRE 184	Fire Services - Firefighter Safety and Survival*	3
FIRE 185	Occupational Safety and Health for Emergency Services*	3
FIRE 201	Leadership in the Fire Service*	3
FIRE 220	Fire Management*	3
FIRE 222	Fire Science Law*	3
FLR 130	Principles of Traditional Design	3
FLR 150	Contemporary Design Styles	3
FLR 200	Plants for Interior Design	3
FLR 220	Wedding Design*	3
FLR 250	Special Event Designs*	3
HC 130	Medical Terminology for Healthcare Professions	3
HCI 110	Introduction to Interpreting*	3
HCI 120	Interpreting Skills I*	3
HCI 130	Interpreting Skills II*	3



HCI 180	Medical Interpreting Practicum*	2
HCIS 235	Care Coordination and Interoperable Health IT Systems	2
HCIS 255	Technology Concepts and Cybersecurity in Healthcare	2
HCIS 263	Working with Health Information Technology (HIT) Systems	2
HCIS 264	Configuration and Implementation of Electronic Health Records	2
HCIS 265	Installation and Maintenance of Health IT Systems	2
HCIS 267	EHR Design, Functionality and Usability	3
HCIS 270	Health Information Systems Internship*	2
HCIS 272	Terminology in Health Care Settings	2
HCIS 273	Quality Improvement in Healthcare	2
HCIS 274	Healthcare Workflow Analysis and Redesign	2
HCIS 277	Training and Instructional Design	2
HMG 120	Food Service Sanitation	1
HMG 121	Perspectives of Hospitality Management	3
HMG 123	Professional Cooking I*	3
HMG 126	Food Management*	4
HMG 130	Hospitality Law	3
HMG 170	Value-Added Production	3
HMG 203	Hotel Sales and Marketing*	3
HMG 207	Hospitality Human Resource Management*	3
HMG 220	American Regional Cuisine*	3
HMG 221	Design and Facilities Management*	3
HMG 223	Fundamentals of Baking	3
HMG 226	Garde Manger*	3
HMG 228	Advanced Hospitality Management*	3
HMG 230	Professional Cooking II*	3
HMG 231	Advanced Food Preparation*	4
HMG 238	Advanced Garde Manger*	3
HMG 240	Advanced Baking*	4
HMG 248	Confectionery Arts	3
HMG 250	Introduction to Catering	3
HMG 265	Front Office Management	3
HMG 268	Hospitality Managerial Accounting*	3
HMG 270	Meat and Fish Identification and Fabrication*	3
HMG 273	Hospitality Cost Accounting*	3
HMG 279	Beverage Control	3
HMG 281	Culinary Arts Practicum I*	2
HMG 282	Culinary Arts Practicum II*	2
HMG 285	Culinary Arts Practicum III*	2
HMG 286	Culinary Arts Practicum IV*	2
HMG 287	Culinary Arts Practicum V*	2
HMG 288	Culinary Arts Practicum VI*	2
HMPB 155	Pastry Shop Production I*	4
HMPB 160	Pastry Shop Principles I*	4
HMPB 233	Patisserie*	4
HMPB 252	Pastry Shop Business Basics I*	3
HMPB 255	Pastry Shop Production II*	4
HMPB 257	Sugar Basics*	4
HMPB 260	Pastry Shop Principles II*	4



HMPB 262	Pastry Shop Business Basics II*	3
HORT 135	Landscape Design	3
HORT 140	Turfgrass I	3
HORT 150	Fruits, Vegetables and Herb Crops	2
HORT 160	Garden Center Operations	3
HORT 165	Arboriculture	3
HORT 201	Introduction to Horticultural Science	4
HORT 205	Plant Propagation*	3
HORT 214	Woody Plants, Deciduous	3
HORT 215	Woody Plants, Evergreens	3
HORT 220	Herbaceous Plants	3
HORT 225	Plant Problems*	3
HORT 235	Landscape Maintenance and Techniques	3
HORT 240	Turfgrass II*	3
HORT 255	Pest Management	3
HORT 260	Horticulture Soils	3
HORT 265	Landscape Construction	3
HORT 270	Horticulture Internship*	3
HVAC 105	HVAC Fundamentals*	4
HVAC 110	Electrical Fundamentals*	4
HVAC 136	Heating System Fundamentals*	3
HVAC 167	Sheet Metal Layout and Fabrication*	3
HVAC 188	Load Calculation and Duct Design*	3
HVAC 202	Cooling Systems*	4
HVAC 231	HVAC Rooftop Units*	3
HVAC 251	HVAC Installation and Start-up Procedures*	4
HVAC 278	Advanced Electrical Systems*	3
HVAC 280	HVAC Internship*	1-3
IT 119	CompTIA A+ Core 1	3
IT 120	CompTIA A+ Core 2	3
IT 141	Introduction to Networks	3
IT 150	Switching, Routing, and Wireless Essentials*	3
IT 152	Google Cloud Fundamentals*	3
IT 153	AWS Cloud Foundations*	3
IT 155	Microsoft Administration Fundamentals*	3
IT 175	Cybersecurity Fundamentals*	3
IT 202	IT Scripting*	3
IT 204	Enterprise Networking, Security and Automation*	3
IT 206	Network Security Fundamentals*	3
IT 207	AWS Cloud Operations*	3
IT 223	Azure Administration*	3
IT 224	Microsoft 365 Administration*	3
IT 230	Linux Fundamentals	3
IT 231	Linux Administration*	3
IT 238	Digital Forensics*	3
IT 239	Ethical Hacking*	3
IT 257	Cybersecurity Operations*	3
IT 271	Information Technology Internship I*	3
IT 272	Information Technology Internship II*	3



ITMD 115	Accessory Fundamentals	1
ITMD 116	Lighting Fundamentals	1
ITMD 121	Interior Design I	3
ITMD 125	Interior Textiles	3
ITMD 127	Elements of Floral Design	1
ITMD 132	Materials and Resources	3
ITMD 164	Architectural Drafting for Residential Interior Design	3
ITMD 181	Interior Design Software I*	1
ITMD 182	Interior Design Software II	1
ITMD 202	Interior Design II*	3
ITMD 214	Building Construction and Environmental Systems for the Interior Designer*	3
ITMD 222	Interior Design III*	3
ITMD 224	Interior Design IV*	3
ITMD 230	History of Interior Design I	3
ITMD 231	History of Interior Design II	3
ITMD 235	Kitchen and Bath Design*	3
ITMD 270	Interior Design Capstone*	1
ITMD 271	Budgeting and Estimating*	3
ITMD 282	Interiors Internship I*	1
ITMD 284	Interiors Internship II*	1
LAW 120	Introduction to Paralegal Studies	3
MFAB 124	Introduction to Welding	3
MFAB 126	Cutting Processes for Welding*	3
MFAB 128	Basic Machine Tool Technology	3
MFAB 131	Shielded Metal Arc Welding (SMAW) I*	3
MFAB 133	Gas Metal Arc Welding (GMAW) I*	3
MFAB 136	Gas Tungsten Arc Welding (GTAW) I*	3
MFAB 140	Maintenance Repair Welding*	3
MFAB 180	Blueprint and Symbols Reading for Welders	2
MFAB 205	Shielded Metal Arc Welding (SMAW) II*	3
MFAB 210	Gas Metal Arc Welding (GMAW) II*	3
MFAB 215	Fabrication Practices I*	3
MFAB 220	Flux Core Arc Welding (FCAW)*	3
MFAB 240	Metallurgy	2
MFAB 241	Gas Tungsten Arc Welding (GTAW) II*	3
MFAB 250	Fabrication Practices II*	3
MFAB 255	Advanced Machine Tool Technology*	3
MFAB 259	Shielded Metal Arc Welding (SMAW) III*	3
MFAB 271	Metal Fabrication Internship*	3
MIRM 140	Fundamentals of Health Records	2
MIRM 141	Computer Systems for Health Information Management Professionals*	3
MIRM 143	Coding Classification Systems I*	3
MIRM 144	Coding Classification Systems II*	3
MIRM 145	Reimbursement Methodologies*	3
MIRM 146	Coding Classification Systems III*	3
MIRM 147	Introduction to Pharmacology*	2
MIRM 148	Medical Coding Internship*	1
MKT 121	Retail Management	3
MKT 134	Professional Selling	3

MKT 146	Introduction to Social Media Marketing	3
MKT 180	Experiential Marketing	3
MKT 205	eMarketing	3
MKT 230	Marketing	3
MKT 240	Advertising and Promotion	3
NDT 125	Introduction to Neurodiagnostic Technology*	4
NDT 130	Foundations of Neurodiagnostic Technology*	3
NDT 135	Pediatric Neurodiagnostic Technology I*	5
NDT 140	Adult Neurodiagnostic Technology I*	4
NDT 145	Pediatric Neurodiagnostic Technology II*	4
NDT 150	Neurodiagnostic Clinical Correlates*	2
NDT 156	Neurodiagnostic Clinical I*	2
NDT 225	Polysomnography*	5
NDT 230	Adult Neurodiagnostic Technology II*	3
NDT 240	Neurodiagnostic Clinical II*	4
NDT 245	Neurodiagnostic Related Modalities*	3
NDT 256	Polysomnography Clinical*	4
NURS 101	Foundational Concepts of Nursing I*	9
NURS 102	Health Assessment and Skills for Nursing Practice*	3
NURS 105	Foundational Concepts of Nursing II*	9
NURS 201	Complex Concepts of Nursing I*	9
NURS 205	Complex Concepts of Nursing II*	9
PLUM 110	Introduction to Plumbing Systems	3
PLUM 125	Residential Plumbing	3
PLUM 130	Print Reading and Estimating	3
PLUM 140	Backflow Preventers	2
PLUM 210	DWV and Water Distribution*	3
PLUM 240	Installation, Maintenance and Repair*	3
PLUM 250	Commercial Plumbing*	3
PLUM 280	Plumbing Internship*	3
PN 125	KSPN Foundations of Nursing*	4
PN 126	KSPN Foundations of Nursing Clinical*	2
PN 130	KSPN Nursing Care of Adults I*	4
PN 136	KSPN Fundamentals of Pharmacology and Safe Medication Administration*	2
PN 140	KSPN Maternal Child Nursing*	2
PN 141	KSPN Maternal Child Nursing Clinical*	1
PN 145	KSPN Mental Health Nursing*	2
PN 150	KSPN Nursing Care of Adults II*	4
PN 155	KSPN Care of Aging Adults*	2
RC 120	Respiratory Structure and Function*	2
RC 124	Fundamentals of Respiratory Care*	6
RC 131	Cardiopulmonary Diagnostics*	3
RC 136	Cardiopulmonary Diseases*	3
RC 140	Respiratory Care Pharmacology*	2
RC 145	Cardiopulmonary Critical Care I*	5
RC 146	Pediatric/Neonatal Respiratory Care*	2
RC 255	Cardiopulmonary Critical Care II*	5
RC 265	Respiratory Care Program Capstone*	3
RC 271	Respiratory Care Clinical Experience I*	6

RC 272	Respiratory Care Clinical Experience II*	6
RRTC 123	Introduction to Conductor Service*	4
RRTC 175	Conductor Mechanical Operation*	2
RRTC 261	Conductor Service*	2
RRTC 267	Conductor Field Application*	4
SAG 100	Principles of Sustainable Market Farming	3
SAG 142	Small Farm Business Planning and Management	3
SAG 170	Value-Added Production	3
SAG 205	Global Agroecology	3
SAG 250	Sustainable Food Systems	3
SAG 255	Integrated Pest Management	3
SAG 260	Sustainable Soil Management	3
SAG 272	Sustainable Agriculture Fall Practicum	2
SAG 274	Sustainable Agriculture Spring Practicum	2
SAG 276	Sustainable Agriculture Summer Practicum	2
SAG 285	Sustainable Agriculture and Food Systems Internship*	2
VDA 112	Photoshop I*	1
VDA 114	Illustrator I*	1
VDA 116	InDesign I*	1
VDA 122	Photoshop II*	2
VDA 124	Illustrator II*	2
VDA 126	InDesign II*	2
VDA 190	Applications for Visual Design*	3
WEB 110	HTML and CSS	3
WEB 114	Web Scripting: JavaScript I*	2
WEB 120	Web Analytics*	3
WEB 121	Digital Media Assets*	4
WEB 122	CSS Techniques & Projects*	3
WEB 124	Web Scripting: JavaScript II*	2
WEB 125	Digital Video Tools	1
WEB 126	Technical Interface Skills*	3
WEB 128	Server Scripting: PHP with MySQL*	2
WEB 172	WordPress I*	1
WEB 225	Advanced Digital Video Tools*	1
WEB 234	Web Apps I*	3
WEB 238	Interactive Scripting: JQuery*	4
WEB 239	Introduction to Application Programming Interfaces (APIs)*	2
WEB 240	HTML and CSS II*	3
WEB 243	Search Engine Optimization*	1
WEB 245	Motion Graphics Tools*	1
WEB 290	Web Development and Digital Media Capstone*	3

JCCC reserves the right to update this information at anytime.

* This course has registration requirements.