

**COWLEY COLLEGE COURSES AVAILABLE TO KANSAS HIGH SCHOOL STUDENTS
COVERED BY KANSAS EXCEL in CTE INITIATIVE _ MARCH 2018**

ACCOUNTING		Course Name	Credit hours
ACC	1111	Fundamentals of Accounting	3
ACC	1120	Payroll Accounting	2
ACC	1130	Accounting with QuickBooks	3
ACC	1150	Principles of Accounting I	3
ACC	1160	Principles of Accounting II	3
ACC	1165	Managerial Accounting	3
AGRICULTURE			
AGR	1214	Ag Construction & Welding	3
AGR	1216	Animal Health	3
AGR	1217	Introduction to Horticulture	3
AGR	1248	Agricultural Work Experience I	1
AGR	1250	Animal Nutrition	3
AGR	1258	Marketing of Agricultural Products	3
AGR	1264	Farm Management	3
AGR	1270	Equine Production I	3
AGR	1271	Equine Production II	3
AGR	1272	Equine Business Management	3
AGR	1273	Equine Evaluation	3
ALLIED HEALTH			
ALH	1655	Medical Terminology	3
ALH	1660	Medical Transcription	3
ALH	5202	Certified Medication Aide	4
ALH	5203	Home Health Aide	1
ALH	5209	Certified Nursing Assistant	5
ALH	5210	Restorative Aide	2
ALH	5230	Pharmacology	3
ALH	5236	Pathophysiology (Allied Health)	4
ALH	5237	Principles of Phlebotomy	3
ALH	5238	Phlebotomy Field Experience	1
ALH	5240	Current Procedural Terminology CPT	3
ALH	5241	Reimbursement Methodologies Physn	3
ALH	5242	International Class of Disease IDC	3
ALH	5243	Health Insurance & Billing Process	3
ALH	5244	Intro to Health Information	3
ALH	5245	Pharmacology Calculations	3
ALH	5248	Medical Transcription Field Wk Ex I	3
ALH	5249	Health Care Coding Practicum	3
ALH	5251	ECG Interpretation	3

AUTOMOTIVE			
AMS	3117	Electrical I	3
AMS	3118	Electrical II	6
AMS	3127	Hybrid & Alternative Fuel Technology	3
AMS	3128	Engine Performance I	3
AMS	3129	Engine Performance II	6
AMS	3136	Suspension & Steering Systems	3
AMS	3137	Automatic Transmissions	5
AMS	3138	Suspension/Steering Systems II	2
AMS	3148	Manual Transmissions	4
AMS	3149	Brakes I	3
AMS	3150	Brakes II	1
AMS	3156	Automotive Engine Repair	5
AMS	3182	Heating and Air Conditioning	4
BIOLOGY			
BIO	4155	Pathophysiology (Bio)	4
BUSINESS & BUSINESS TECHNOLOGY			
BUS	1311	Introduction to Business	3
BUS	1350	Business Law	3
BUS	1420	Introduction to Management	3
BUS	1425	Human Resource Management	3
BUS	1430	Introduction to Marketing	3
BUS	1435	Introduction Hospitality Management	3
OFT	1645	Office Procedures	3
OFT	1665	Legal Terminology	3
OFT	1666	Legal Office Procedures	3
OFT	1668	Legal Transcription	3
OFT	1675	Records Management	3

ART, COMPUTER GRAPHICS, & WEB DESIGN			
ART	2155	Introduction to Animation	3
CGA	2012	Intro to Computer Illustration	3
CGA	2013	Introduction to Computer Graphics	3
CGA	2014	Visual Communication	3
CGA	2022	Typography	3
CGA	2025	Page Layout Software	3
CGA	2030	Intro to Digital Imaging (Photoshop)	3
CGA	2037	Graphic Design I	3
CGA	2040	Graphic Design II	3
CGA	2050	Motion Design	3
CGA	2055	Graphic Material and Process	3
CGA	2066	Graphic Design Internship I	1
CWB	1835	Beginning Web Design	3
CWB	1837	Web Design (DreamWeaver)	3
CWB	1838	Cascading Style Sheets	3
CWB	1840	E-Commerce	3

CHILD CARE & DEVELOPMENT			
CHC	5715	Interaction Tech Young Children	3
CHC	5717	Early Childhood Education	3
CHC	5719	Creative Act for Young Children	3
CHC	5721	Nutrition and Health Early Childhood	3
CHC	5725	Parents & Young Children	2
CHC	5732	Child Care Practicum I	3
CHC	5734	Child Care Practicum II	3
CHC	5735	Child Care Admin & Organization	3
CHC	5736	Child Care Development Portfolio	2
CHC	5740	Infant & Toddler Care	3
EDUCATION			
EDU	5520	Intro. to Para professionalism	3
ENGINEERING			
PHS	4545	Intro. to Engineering	2

COMPUTER SCIENCE & PROGRAMMING/NETWORKING			
CAP	1752	MicroSoft Access	3
CIS	1753	Android App Development 1	3
CIS	1754	Android App Development 2	3
CIS	1755	Cloud Plus	3
CIS	1756	CompTIA A+ Essentials	3
CIS	1757	CompTIA A+ Practical Applications	3
CIS	1758	Cyber Security Analyst, CYSA+	3
CIS	1762	Intro. To Geographic Information Systems	3
CIS	1764	Geographic Information Systems Applications	3
CIS	1765	Geographic Information Systems Development	3
CIS	1767	IOS App Development 1	3
CIS	1768	IOS App Development 2	3
CIS	1858	Visual Basic Programming	3
CIS	1859	Virtual Reality Programming	3
CIS	1862	C++ Programming	3
CIS	1864	C# Programming	3
CIS	1865	ASP.NET Programming	3
CIS	1868	JAVA Programming	3
CIS	1870	Advanced JAVA Programming	3
CIS	1872	PYTHON Programming	3
CIS	1876	C Programming	3
CIS	1881	Intro. To Computer Forensics	3
CIS	1882	3D Computer Animation/Programming	3
CIS	1883	2D Game Development	3
CIS	1885	3D Game Development	3
CIS	1893	MySQL Database Fundamentals	3
CIS	1894	Introduction to Digital Design	4
CIS	1895	Introduction to Oracle	3
CIS	1896	Oracle Database: PL/SQL Programming	3
CIS	1902	Introduction to SQL	3
CIS	1906	Principles of Information Assurance	3
CIS	1907	Enterprise Security Management	3
CIS	1908	Introduction to Linux/Unix	3
CNP	1957	Computer Hardware/Software	3
CIS	1958	Network +	3
CIS	1959	Security +	3

CRIMINAL JUSTICE			
CRJ	5415	Criminal Investigation I	3
CRJ	5420	Criminal Investigation II	3
CRJ	5430	Criminal Procedures	3
CRJ	5432	Controlled Force	2
CRJ	5433	Controlled Force Level II	2
CRJ	5446	Criminal Justice Interview & Report	3
CRJ	5451	Agency Administration	3
CRJ	5460	Criminalistics I	3
EMERGENCY MEDICAL SERVICES & FIRE SCIENCE			
EMS	5605	Emergency Medical Technician	12
FIR	5500	Hazardous Materials for First Responders	3
FIR	5501	Firefighter I	4
FIR	5502	Firefighter II	3
FIR	5503	Firefighter Safety & Survival	3
INDUSTRIAL RELATED			
INR	3717	Print Reading	3
INR	3718	OSHA 10	1
INR	3760	Industrial Materials	3
LEADERSHIP			
LED	1451	Financial Management	3
MASS COMMUNICATIONS			
MCM	2733	Audio and Video Production	3
MECHATRONICS (MANUFACTURING TECHNOLOGY)			
MEC	3400	Introduction to Mechatronics	3
MEC	3480	Computer Integrated Manufacturing	3
MEC	3481	Digital Electronics	3
MEC	3482	Electromechanical Devices	3
MEC	3483	Fluid Power	3
MEC	3484	Industrial Electricity	3
MEC	3485	Industrial Electronics	3
MEC	3486	Industrial Safety/Lean Manufacturing	3
MEC	3487	Instrumentation & Control	3
MEC	3488	Manufacturing Processes & Systems	3
MEC	3489	Mechanical Systems	3
MEC	3490	Microprocessor Instrumentation	3
MEC	3491	Pneumatics	3
MEC	3492	Programmable Logic Controllers	3
MEC	3493	Quality Control & Cost Management	3
MEC	3494	Robotics	3
MILLING TECHNICIAN			

MLL	3590	Intro to Milling & Wheat	2
MLL	3591	Intro to Wheat Cleaning & Tempering	2
MLL	3592	Wheat Flour Milling I	3
MLL	3593	Wheat Flour Milling II	3
MLL	3594	Sanitation & Mill Process Control	2
MLL	3595	Quality Assessment & Flour Additives	2
MLL	3596	Flour Milling Internship	3
MACHINE TOOL TECHNOLOGY			
MTT	3544	Computer Aided Manufacturing (CAM)	3
MTT	3547	Adv Computer Aided Manufacturing	3
MTT	3550	Advanced Mastercam Training	3
MTT	3551	Mastercam Toolpaths	3
MTT	3552	Solids	3
MTT	3553	3D Wireframe Drawing & Surfaces	3
MTT	3554	Surface Toolpaths	3
MTT	3555	Mastercam Lathe	3
MTT	3556	Multi-Axis Milling	3
MTT	3559	Mastercam Art Toolpath	3
MTT	3561	Machining I	3
MTT	3562	Machining II	3
MTT	3563	Benchwork	1
MTT	3564	Quality Control & Inspection	1
MTT	3565	Metallurgy	1
MTT	3566	Machining III	3
MTT	3567	Machining IV	3
MTT	3568	Machine Tool Processes	1
MTT	3570	CNC Machining	6
MTT	3571	CNC Operations	3
MTT	3572	CAD/CAM I	4
MTT	3573	CAD/CAM II	4
MTT	3574	CAD/CAM III	4

NON-DESTRUCTIVE TESTING			
NDT	3451	Intro to Nondestructive Testing	3
NDT	3452	Visual Inspection	3
NDT	3453	Codes & Practices	3
NDT	3455	Magn Particle/Liquid Pentrant Test	3
NDT	3456	Radiation Safety	3
NDT	3461	Ultrasonic Testing I	3
NDT	3462	Ultrasonic Testing II	3
NDT	3463	Ultrasonic Testing III	3
NDT	3464	Radiographic Testing I	3
NDT	3465	Radiographic Testing II	3
NDT	3466	Radiographic Testing III	3
NDT	3467	Eddy Current Testing I	3
NDT	3468	Eddy Current Testing II	3
NDT	3469	Adv Nondestructive Testing Methods	3
NDT	3471	Phased Array Level I	
WELDING			
WEL	3613	SMAW (Shield Metal Arc Weld/Struct	3
WEL	3615	Basic Welding Processes	3
WEL	3620	Gas Welding Processes	3
WEL	3622	GMAW (Gas Metal Arc Weld/Struct)	3
WEL	3623	GTAW (Gas Tungsten Arc Weld/Struct)	3
WEL	3632	Shielded Metal Arc Welding/Pipe	3
WEL	3633	Gas Metal Arc Welding/Pipe	3
WEL	3635	Arc Welding Processes	3
WEL	3640	Advanced Welding Processes	3
WEL	3642	Gas Tungsten Arc Welding/Pipe	3
WEL	3644	Special Alloy Welding/Inspection	6