



The Allen Career and Technical Education Program provides high school students the opportunity to complete career and technical education coursework and receive a CTE tuition credit for the cost of tuition, fees, and book rental (Excel in CTE). Students taking online coursework also receive a credit for technology fees. Students are responsible for any purchase books, supplies, and certification testing fees. Career and Technical Education courses help students develop skills and knowledge for a variety of career fields. Students may also take exploratory coursework to gain insight into possible employment fields to assist with future career planning. For each course below, you will find the course number, course name, number of credit hours, and semester offered. **This list of courses is subject to change based on changes made to Excel in CTE/KBOR funding and courses.**

2023-2024 Tentative Career and Technical Education Online Learning Course Schedule

Agriculture:

AGR100A	Field Studies	1 credit hour	FALL/SPRING
AGR103	Principles of Animal Science	3 credit hours	FALL/SPRING
AGR105	Introduction to Equine Science	3 credit hours	SPRING
AGR106	Livestock Evaluation	1 credit hour	FALL
AGR201	Animal Science and Industry	1 credit hour	FALL/SPRING
AGR202	Advance Livestock Evaluation	1 credit hour	SPRING
*AGR203	Fundamentals of Animal Nutrition	3 credit hours	SPRING
AGR206	Farm Management	3 credit hours	FALL/SPRING
AGR207	Marketing of Agriculture Product	3 credit hours	SPRING
AGR214	Crop Science	4 credit hours	SPRING
AGR216	Agriculture Technology Management	3 credit hours	FALL
AGR223	Agricultural Entomology	3 credit hours	FALL
*AGR224	Soil Science	4 credit hours	SPRING
AGR251	Agriculture Chemicals	2 credit hours	SPRING

- Related career fields include farm and ranch production management, livestock and grain production
- Suggested starter courses: AGR103, 201, and AGR206
- Allen has a 16 credit hour certificate program in Livestock Management.

*Course has pre-requisites

Business:

BUS120	Introduction to Business	3 credit hours	EVERY
BUS210	Financial Accounting	3 credit hours	EVERY
*BUS212	Managerial Accounting	3 credit hours	EVERY
BUS221	Business Law I	3 credit hours	FALL
BUS275	Principles of Management	3 credit hours	SPRING/SUMMER
BUS278	Marketing	3 credit hours	FALL
BUS279	Advertising	3 credit hours	SPRING

- Related career fields include business management, sales, marketing, accounting, and financial services
- Suggested starter courses: BUS120, BUS210, BUS275, or BUS278

*Course has pre-requisites

Criminal Justice:

CJS101	Law Enforcement Operations and Procedures	3 credit hours	SPRING
CJS120	Introduction to Corrections	3 credit hours	FALL
CJS171	Internship in Criminal Justice I	1 credit hour	FALL/SPRING
CJS202	Criminal Justice Interview and Report Writing	3 credit hours	SPRING
CJS220	Agency Administration	3 credit hours	FALL
CJS240	Criminal Investigation	3 credit hours	FALL
CJS251	Criminal Procedures	3 credit hours	SPRING
CJS271	Internship in Criminal Justice II	2 credit hours	FALL/SPRING
CJS273	Internship in Criminal Justice III	3 credit hours	FALL/SPRING

- Related career fields include law enforcement, corrections, human services, private security
- Suggested starter courses: CJS101, CJS102, or CJS240
- Allen has a 36 credit hour certificate program in Criminal Justice Leadership.

Information Technology and Production Media:

CIS106	Intro to Python Programming	3 credit hours	FALL/SPRING
CIS109	Intro to Computer Programming	3 credit hours	EVERY
CIS110	Cybersecurity Essentials	3 credit hours	FALL
CIS113	Linux Essentials	3 credit hours	FALL
CIS115	Visual Basic I	3 credit hours	SPRING
CIS135	Computer Repair—Core Hardware	3 credit hours	FALL
*CIS215	Ethical Hacking	3 credit hours	SPRING
CIS230	C++ Programming I	3 credit hours	FALL
CIS241	Computer Network +	3 credit hours	FALL
*CIS242	Network Security +	3 credit hours	SPRING
CIS275	Computer Repair—Operating Systems	3 credit hours	SPRING
PRO116	Raster Graphics I: Photoshop	3 credit hours	EVERY
PRO125	Vector Graphics Illustrator	3 credit hours	SPRING
POR126	Typography	3 credit hours	SPRING
PRO131	Graphic Design I	3 credit hours	FALL
PRO155	Web Design: HTML/JavaScript	3 credit hours	SPRING
PRO180	Page Layout: Adobe InDesign	3 credit hours	FALL
PRO200	Web & Motion Graphics: Adobe Animate	3 credit hours	SPRING
PRO201	Website Design: Dreamweaver	3 credit hours	SPRING
PRO211	Digital Video Production I	3 credit hours	FALL
*PRO212	Digital Video Production II	3 credit hours	SPRING
*PRO225	Raster Graphics II: Photoshop	3 credit hours	SPRING
*PRO231	Graphic Design II	3 credit hours	SPRING
PRO251	Web Design: Adobe Suite	3 credit hours	EVERY

- Related career fields include IT management and support, software development, business
- Suggested starter courses: CIS135, PRO116 or CIS113
- Allen has an 18-hour certificate program in Computer & Network Support Technician.
- Earn a credential after passing CIS113, CIS241, and CIS242 and a third party exam
- Allen has a 24 credit hour certificate program in Cybersecurity Computer Support.
- Allen has 24 credit hour certificate program in Web Design.

*Course has pre-requisites

Early Childhood Education:

ECE101	Early Childhood Growth and Development	3 credit hours	FALL/SPRING
ECE102	Principles of Early Childhood Education	3 credit hours	FALL/SPRING
ECE103	Child Health, Safety, and Nutrition	3 credit hours	FALL/SPRING
ECE104	Creative Experiences for Young Children	3 credit hours	ROTATING
ECE105	Observation and Interacting with Young Children	3 credit hours	FALL/SPRING
ECE107	Child Play & Games	3 credit hours	ROTATING
ECE201	Infant and Toddler Education and Care	3 credit hours	SPRING
ECE202	Preschool Education and Care	3 credit hours	FALL
*ECE204	Developing Language and Literacy in Early Childhood	3 credit hours	SPRING
ECE207	Early Childhood Program Administration	3 credit hours	SPRING
ECE211	Best Practices in Inclusion and Diversity	3 credit hours	FALL
*ECE215A-217	Practicum in Early Childhood Education	1 credit hour	FALL/SPRING

- Related career fields include Kd3 teacher, pre-school teacher, paraprofessional, day care
- Suggested starter courses: ECE102 or ECE103
- Allen has a 16 credit hour certificate program in Early Childhood Education.

*Course has pre-requisites

Allied Health:

MED102	Certified Nurse Aide	5 credit hours	EVERY
*MED103	Medication Aide	5 credit hours	EVERY
MED120	Medical Terminology	3 credit hours	EVERY
NHA129	Medical Insurance Coding & Billing	3 credit hours	SPRING
NHA158	Professionalism in Mental Health Care	3 credit hours	FALL
NHA161	Medical Administrative Aspects	4 credit hours	SPRING
NHA235	Long Term Care Medical Records	3 credit hours	FALL
NHA236	Legal Concepts	3 credit hours	SPRING
NHA237	Introduction to Pharmacy Technician	3 credit hours	EVERY
NHA238	Pharmacology for Health Professionals	3 credit hours	FALL
NHA239	Medical Office Accounting	3 credit hours	FALL
NHA240	Pharmacy Calculations	3 credit hours	FALL
NHA260	Pharmacy Operations	3 credit hours	FALL
*NHA261	Advanced Pharmacy Operations	3 credit hours	SPRING

- Related career fields include: nurse aide, nursing, pharmacy technician, medical office work
- Suggested starter courses: MED102, MED120, NHA236, NHA237, or NHA238
- Earn a credential after each of the following courses and State certification exams: MED102 and NHA160
- Allen has a 32 credit hour certificate in Health Care Specialist.
- Allen has a 31 credit hour certificate in Pharmacy Technician.
- Allen has a 25 credit hour certificate in Medical Office Assistant.

*Course has pre-requisites

Book purchase required