

The Allen Career and Technical Education Program provides high school juniors and seniors 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.**

## 2019-2020 Tentative Career and Technical Education Online Learning Course Schedule

### Agriculture:

AGR103	Principles of Animal Science	3 credit hours	FALL/SPRING
AGR201	Animal Science and Industry	1 credit hour	FALL
*AGR203	Fundamentals of Animal Nutrition	3 credit hours	SPRING
AGR206	Farm Management	3 credit hours	FALL
AGR207	Marketing of Agriculture Product	3 credit hours	SPRING
AGR214	Crop Science	4 credit hours	SPRING
AGR216	Agriculture Technology Management	3 credit hours	FALL
AGR224	Soil Science	4 credit hours	FALL

- Related career fields include farm and ranch production management, livestock and grain production.
- Suggested starter courses: AGR103 or AGR206.
- Allen has a 24 credit hour certificate program in Livestock Management.

### Addiction and Prevention Studies:

APS102	Introduction to Counseling	3 credit hours	SPRING
APS103	Introduction to Group Counseling	3 credit hours	FALL
APS104	Addiction Services	3 credit hours	SPRING
APS105	Multicultural Aspects of Counseling	3 credit hours	FALL
APS107	Pharmacology in Addiction and Prevention	3 credit hours	FALL
APS109	Family and Addictions	3 credit hours	FALL
APS221	Dual Diagnosis	3 credit hours	SPRING

- Related career fields include counseling, social work, and mental health.
- Suggested starter courses: APS102, APS103 or APS109.

### 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
BUS222	Business Law II	3 credit hours	SPRING
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, BUS221, BUS275, or BUS278.
- Allen has a 30 credit hour certificate program in Business Management.

**Information Technology:**

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	Introduction to Photoshop	3 credit hours	FALL
PRO155	HTML and Java Script	3 credit hours	SPRING
PRO195	Introduction to Computer Graphics	3 credit hours	FALL
PRO225	Adobe Photoshop Advanced	3 credit hours	SPRING
PRO251	Fundamentals of Web Design	3 credit hours	EVERY

- Related career fields include IT management and support, software development, business.
- Suggested starter courses: CIS106 or CIS113.
- Allen has an 18 hour program in Computer & Network Support Technician.
- You can earn a credential after passing CIS113 and a third party exam.

**Criminal Justice:**

CJS101	Law Enforcement Operations and Procedures	3 credit hours	SPRING
CJS102	Introduction to Corrections	3 credit hours	FALL
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	Criminal Justice Practicum	2 credit hours	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 Law Enforcement.

**Early Childhood Education:**

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	SPRING
ECE105	Observation and Interacting with Young Children	3 credit hours	FALL/SPRING
ECE107	Child Play & Games	3 credit hours	FALL
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
*ECE215-217	Practicum in Early Childhood Education	1 credit hour	FALL/SPRING

\*Course has pre-requisites.

- Related career fields include K-3 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.

**Allied Health:**

MED102	Certified Nurse Aide	5 credit hours	EVERY
*MED103	Medication Aide	5 credit hours	EVERY
*MED107	Rehabilitation Aide	2 credit hours	EVERY
*MED108	Home health Aide	2 credit hours	EVERY
MED120	Medical Terminology	3 credit hours	EVERY
NHA160	Social Services Designee/Activities Director	5 credit hours	FALL/SPRING
NHA179	Introduction to Pharmacology	3 credit hours	SPRING
NHA205	Long Term Care Management	3 credit hours	SPRING
NHA219	Gerontology	3 credit hours	FALL
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 Pharmacy Technicians	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
*NHA262	Pharmacy Technician Internship	3 credit hours	SPRING

- Related career fields include: nurse aide, nursing, pharmacy technician, medical office work.
- Suggested starter courses: MED120, MED102, NHA179, NHA236, or NHA237.
- You can earn a credential after each of the following courses and state certification exams: MED102, MED103, MED107, MED108, 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 34 credit hour certificate in Adult Care Home Administration.

\*Course has pre-requisites.

Book or software purchase required.