



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.**

2021-2022 Tentative Career and Technical Education Online Learning Course Schedule

Agriculture:

| | | | |
|---------|-----------------------------------|----------------|-------------|
| AGR103 | Principles of Animal Science | 3 credit hours | FALL/SPRING |
| AGR105 | Intro to Equine Science | 3 credit hours | FALL |
| AGR201 | Animal Science and Industry | 1 credit hour | FALL/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 |

- 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 |
| BUS275 | Principles of Management | 3 credit hours | SPRING |
| 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
- Allen has a 30 credit hour certificate program in Business Management.

*Course has pre-requisites

Criminal Justice:

| | | | |
|--------|---|----------------|-------------|
| CJS101 | Law Enforcement Operations and Procedures | 3 credit hours | 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 |

- 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.

Information Technology:

| | | | |
|---------|-----------------------------------|----------------|-------------|
| CIS106 | Intro to Python Programming | 3 credit hours | 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 |
| CIS125 | CISCO Network Basics | 3 credit hours | FALL |
| CIS135 | Computer Repair—Core Hardware | 3 credit hours | FALL |
| *CIS215 | Ethical Hacking | 3 credit hours | SPRING |
| CIS230 | C++ Programming I | 3 credit hours | FALL/SPRING |
| CIS241 | Computer Network + | 3 credit hours | FALL |
| *CIS242 | Network Security + | 3 credit hours | SPRING |
| *CIS250 | Cisco Routing and Switching | 3 credit hours | SPRING |
| CIS275 | Computer Repair—Operating Systems | 3 credit hours | SPRING |
| PRO116 | Raster Graphics I: Photoshop | 3 credit hours | EVERY |
| PRO131 | Graphic Design I | 3 credit hours | FALL |
| PRO155 | Web Design: HTML/Javascript | 3 credit hours | SPRING |
| PRO200 | Web & Motion Graphics | 3 credit hours | SPRING |
| PRO201 | Website Design: Dreamweaver | 3 credit hours | SPRING |
| *PRO225 | Raster Graphics II: Photoshop | 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 program in Computer & Network Support Technician.
- Earn a credential after passing CIS113, CIS125, CIS250, CIS241, and CIS242 and a third party exam

*Course has pre-requisites

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 | 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 | SUMMER |
| *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 |
| MED120 | Medical Terminology | 3 credit hours | EVERY |
| NHA129 | Medical Insurance Coding & Billing | 3 credit hours | SPRING |
| 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: MED120, MED102, NHA236, NHA237, or NHA238
- Earn a credential after each of the following courses and State certification exams: MED102
- 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