Allen
COMMUNITY COLLEGE

The Allen Career and Technical Education Program provides high school **JUNIORS & SENIORS ONLY** 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. 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.**

2026-2027 Tentative Career and Technical Education Online Learning Course Schedule

Agriculture:

AGR103	Principles of Animal Science	3 credit hours	FALL/SPRING
AGR105	Introduction to Equine Science	3 credit hours	FALL/SPRING
AGR106	Livestock Evaluation	1 credit hour	FALL
AGR110	Agriculture Welding I	3 credit hours	FALL
AGR201	Animal Science and Industry	1 credit hour	FALL/SPRING
AGR202	Advanced 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	FALL
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

Criminal Justice:

CJS101	Law Enforcement Operations and Procedures	3 credit hours	FALL
CJS120	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

Related career fields include law enforcement, corrections, human services, private security

- Suggested starter courses: CJS101, CJS120, or CJS240
- Allen has a 36 credit hour certificate program in Criminal Justice Leadership.

Information Technology:

CIS106	Intro to Python Programming	3 credit hours	FALL/SPRING
CIS107	Networking Fundamentals	3 credit hours	FALL/SPRING
CIS109	Intro to Computer Programming	3 credit hours	FALL/SPRING
CIS110	Cybersecurity Essentials	3 credit hours	FALL
CIS113	Linux Essentials	3 credit hours	FALL
*CIS114	Security Operations Fundamentals	3 credit hours	SPRING
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	SPRING
CIS241	Computer Network +	3 credit hours	FALL
*CIS242	Network Security +	3 credit hours	SPRING
CIS275	Computer Repair—Operating Systems	3 credit hours	SPRING

- Related career fields include IT management and support, software development, business
- Suggested starter courses: CIS113, CIS115, or CIS135
- 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 in Cybersecurity.

*Course has pre-requisites

Graphic Design:

GRD116	Adobe Photoshop	3 credit hours	FALL
GRD120	Social Media Design	3 credit hours	FALL
GRD125	Adobe Illustrator	3 credit hours	SPRING
GRD126	Typography	3 credit hours	SPRING
GRD131	Graphic Design I	3 credit hours	FALL
GRD155	Web Design: HTML/JavaScript	3 credit hours	FALL
GRD180	Adobe InDesign	3 credit hours	FALL
GRD200	Web & Motion Graphics: Adobe Animate	3 credit hours	FALL
GRD201	Adobe Dreamweaver	3 credit hours	FALL
*GRD225	Advanced Photoshop	3 credit hours	SPRING
*GRD231	Graphic Design II	3 credit hours	SPRING
GRD251	Graphic Design: Adobe Suite	3 credit hours	SPRING

- 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
ECE170	Effective Strategies for All Children	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
*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 12 and 16 credit hour certificates in Early Childhood Education.

*Course has pre-requisites

Allied Health:

MED102	Certified Nurse Aide	5 credit hours	EVERY
*MED103	Medication Aide	5 credit hours	FALL/SPRING
MED107	Rehabilitation Aide	2 credit hours	FALL/SPRING
MED108	Home Health Aid	2 credit hours	SPRING
MED113	Principles of Phlebotomy	3 credit hours	FALL/SPRING
*MED114	Phlebotomy Clinical Practicum	1 credit hour	FALL/SPRING
MED120	Medical Terminology	3 credit hours	EVERY
NHA100	Allied Health Field Experience	1 credit hour	FALL/SPRING
NHA105	Mental Health First Aid	3 credit hours	FALL
NHA123	Introduction to Hospice	1 credit hour	SPRING
NHA129	Medical Insurance Coding & Billing	3 credit hours	SPRING
NHA158	Professionalism in Mental Health Care	1 credit hour	FALL
NHA160	Social Services Designee/Activities Director	5 credit hours	SPRING
NHA161	Medical Administrative Aspects	4 credit hours	FALL
NHA235	Long Term Care Medical Records	3 credit hours	FALL
NHA236	Legal Concepts	3 credit hours	SPRING
NHA238	Pharmacology for Health Professionals	3 credit hours	FALL
NHA239	Medical Office Accounting	3 credit hours	SPRING

- Related career fields include: nurse aide, nursing, pharmacy technician, medical office work, and phlebotomy technician.
- Suggested starter courses: MED102, MED120, NHA236, NHA238, or PRM237
- Earn a credential after each of the following courses and State certification exams: MED102, MED103, MED107, MED108, NHA105 and NHA160.
- Allen has a 20 and 44 credit hour certificate in Health Care Specialist.
- Allen has a 25 credit hour certificate in Medical Office Assistant.

*Course has pre-requisites

Emergency Medical Service:

*MED118	Emergency Medical Responder	6 credit hours	FALL
*EMS120	Emergency Medical Technician	12 credit hours	SPRING

*Course has pre-requisites

Health and Physical Education:

HPE160	Introduction to Sports Management	3 credit hours	FALL
HPE161	Sports Management Practicum I	2 credit hours	FALL
HPE162	Sports Management Practicum II	2 credit hours	SPRING

Pharmacy Technician:

PRM237	Introduction to Pharmacy Technician	3 credit hours	FALL
PRM240	Pharmacy Calculations	3 credit hours	FALL
PRM260	Pharmacy Operations	3 credit hours	FALL
*PRM261	Advanced Pharmacy Operations	3 credit hours	SPRING
PRM262	Pharmacy Technician Internship	3 credit hours	SPRING

- Allen has a 31 credit hour certificate in PharmacyTechnician.

*Course has pre-requisites

Machining and Manufacturing Technology:

IND100	Safety/OSHA 10	1 credit hour	FALL/SPRING
IND105	Print Reading	3 credit hours	FALL/SPRING
IND110	Intro to Computer Aided Drafting	3 credit hours	FALL/SPRING
IND115	Parametric Modeling	3 credit hours	FALL
MCH105	Quality Control and Inspection	1 credit hour	FALL/SPRING
MCH110	Bench Work	1 credit hour	FALL/SPRING
MCH115	Metallurgy	1 credit hour	FALL/SPRING
MCH120	Machine Tool Processes	1 credit hour	FALL/SPRING
MCH130	Machining I	3 credit hours	FALL/SPRING
*MCH135	Machining II	3 credit hours	FALL/SPRING
MCH140	CNC Milling I	3 credit hours	FALL/SPRING
MCH145	CNC Operations	3 credit hours	FALL/SPRING
MCH150	CNC Lathe	3 credit hours	FALL/SPRING
MCH200	Fundamentals of Robotics	4 credit hours	FALL
*MCH205	Advanced Machining	3 credit hours	FALL
MCH210	Machining Internship	3 credit hours	SPRING

*Course has pre-requisites

Updated: 04/23/2026