



**Fall 2020**

**Career and Technical Education  
Options**

PLEASE NOTE: The details in this document are subject to change as directives are provided by governing authorities and/or health officials or as environmental conditions change.

Face-to-face learning is the instructional method that Azle ISD recommends for Career and Technical Education classes, however many CTE courses can be provided through remote instruction or a combination of remote and on-campus instruction. Advanced CTE courses require specialized equipment, direct supervision of hands-on-activities, and/or specific materials and technology.

## **Career and Technical Education Options**

At the beginning of the 2020-2021 school year, CTE course offerings will be available in all learning environments. Students may elect to take CTE courses in a Face to Face format at all secondary schools while taking non-CTE courses virtually.

### **Face-to-Face Instructional Model**

Azle High School CTE will follow all Azle ISD school opening procedures with additional safety precautions. Additionally, CTE courses taught on all secondary campuses will also continue to be offered and also follow all district and campus safety protocols.

### **Remote Asynchronous Instructional Model**

This type of instruction may include various forms of digital and online learning, such as prerecorded video lessons online learning, tasks that students complete on their own, and pre-assigned work and formative assessments. Career and Technical Education courses will be developed in Canvas by Azle ISD CTE teachers and taught by trained Azle ISD CTE teachers.

### **Combination of Remote Asynchronous Instruction and on- campus instruction**

This type of instruction may include combination of remote and on-campus instruction. Some components of the courses will be taught virtually, and other components will require the student to come to campus to complete a required assignment or project as needed. Failure to complete the required on-campus assignments could cause the student not to be awarded course credit.

Career and Technical Education courses will be developed in Canvas by Azle ISD CTE teachers and taught by trained Azle ISD CTE teachers.

Azle ISD Career and Technical Courses 2020-2021						
	CTE Course	Course #	Grade	Credit	Remote	Remote & F2F As Needed
<b>Business &amp; Industry</b>						
<b>Agricultural Food and Natural Resources</b>						
	Principles of Agriculture, Food, and Natural Resources	4001	9-12	1	X	
	Agricultural Mechanics and Metal Technologies	4002	10-12	1		X
	Livestock Production	4007	10-12	1	X	
	Equine Science	1400	10-12	½	X	
	Small Animal Management	1405	10-12	½	X	
	Advanced Animal Science (Science Credit)	4005	11-12	1	X	
	Floral Design (Fine Arts Credit)	4006	9-12	1	X	
	Veterinarian Medical Applications	4004	11-12	1		X
	Advanced Floral Design	4009	11-12	1		X
	Practicum Agriculture Food and Natural Resources	4010	11-12	2		X
<b>Architecture and Construction</b>						
	Principles of Construction	4103	9-12	1		X
	Mill & Cabinetmaking Technology	4104	11-12	2		X
	Practicum in Construction Technology	4110	11-12	2		X
	Industrial Refrigeration I & II	4108 & 4109	11-12	1		X
<b>Manufacturing</b>						
	Principles of Manufacturing	Jr. High only		1	X	
	Introduction to Welding	4101	9-12	1		X
	Welding I	4102	10-12	2		X
	Welding II	4105	11-12	2		X
	Practicum of Manufacturing	4106	12	2		X
<b>Transportation, Distribution &amp; Logistics</b>						
	Principles of Transportation Systems	1491	9-10	1/2	X	
	Automotive Technology	4901	10-12	2		X
	Automotive Technology II	4902	10-12	2		X
	Practicum Automotive Technology	4903	12	2		X

<b>Arts, Audio Visual Technology, and Communication</b>						
	Principles of Arts, Audio/Visual Technology	4105	9-10	1		
	Graphic Design & Illustration	4153	9-12	1		X
	Graphic Design & Illustration 2	4154	10-12	1		X
	Animation	4155	10-12	1		X
	Fashion Design	4605	10-12	1		X
	Audio Video Production 1	4151	10-12	1	X	
	Advanced Video Production	4152	11-12	2		X
	Practicum Video Production	4156	12	2		X
	Professional Communications (Speech Credit)	1300/1309	9-12	½	X	
	Commercial Photography	3017	10-12	1	X	
	Digital Design & Media	4703	9-12	1		X
	Video Game Design	4704	10-12	1	X	
	Game Programming & Design	4705	11-12	1	X	
<b>Hospitality and Tourism</b>						
	Introduction to Culinary Arts	4301	10-11	1		X
	Culinary Arts 1	4302	10-12	2		X
	Culinary Arts 2	4303	11-12	2		X
	Practicum Culinary Arts	4303	11-12	2		X
<b>Business Marketing &amp; Finance</b>						
	Principles of Business, Marketing and Finance	4200	9-10	1	X	
	Business Information Management 1	4201	9-10	1	X	
	Accounting	4203	11-12	2	X	
	Entrepreneurship	4205	11-12	1	X	
	Financial Mathematics	3103	10-12	1	X	
	Dollars & Sense	1424	9-10	1	X	
<b>Information Technology</b>						
	Fundamentals of Computer Science	Jr. High only		1	X	
	Principles of Information Technology	4700	9-12	1	X	
	Computer Science - Python	4701	9-10	1	X	
	Computer Science II – Java	4702	10-12	1	X	
	Project Based Research	4011	11-12	1	X	

<b>Public Services</b>						
<b>Education and Training</b>						
	Principles of Education and Training	4400	9-12	1	X	
	Human Growth and Development	4401	10-12	1	X	
	Instructional Practice in Education and Training	4402	11-12	2	X	
	Practicum in Education and Training	4403	12	2	X	
<b>Human Services</b>						
	Principles of Human Services	4600	9-10	1	X	
	Child Development	4601	10-12	1	X	
	Lifetime Nutrition and Wellness	1464	9-12	1/2	X	
	Interpersonal Studies	1463	9-12	½	X	
	Dollars and Sense	1424	9-12	½	X	
	Counseling & Mental Health	4603	10-12	1	X	
	Human Growth & Development	4401	10-12	1	X	
<b>Law, Public Safety, Corrections &amp; Security</b>						
	Principles of Law, Public Safety, Corrections & Security	4800	9-12	1	X	
	Law Enforcement 1	4801	10-12	1	X	
	Law Enforcement 2	4802	11-12	1	X	
	Forensic Science	4805	10-12	1	X	
	Practicum in Law	4806	11-12	2		X
<b>Health Science</b>						
	Principles of Health Science	4500	9-10	1	X	
	Medical Terminology	4504	10-11	1	X	
	Health Science Theory/Clinical	4501	11-12	2		X
	Dual Credit – College Anatomy & Physiology I & II	3236/3237	11-12	2		X
	Pharmacology	4502	11-12	1		X
	Anatomy and Physiology (Science Credit)	3215	10-12	1	X	
	Medical Microbiology (Science Credit)	4504	10-11	1	X	
	Pathophysiology (Science Credit)	3235	11-12	1	X	
	Practicum in Health Science	4504	12	2		X

**STEM (Science, Technology, Engineering and Mathematics)****Science, Engineering & Technology**

	Principles of Technology	Jr. High only		1	X	
	Introduction to Engineering Design (PLTW) *	4707	9-12	1		X
	Introduction to Drones		10-12	1		X
	Engineering Science (PLTW) * (Science Credit)	4708	10-12	1		X
	Engineering Design & Development	4709	11-12	1		X
	Engineering Design & Presentation (Robotics)	4710	11-12	1		X
	Engineering Design & Problem Solving (Robotics)	4711	12	1		X