





CAREER & TECHNICAL EDUCATION Chandler Unified School District



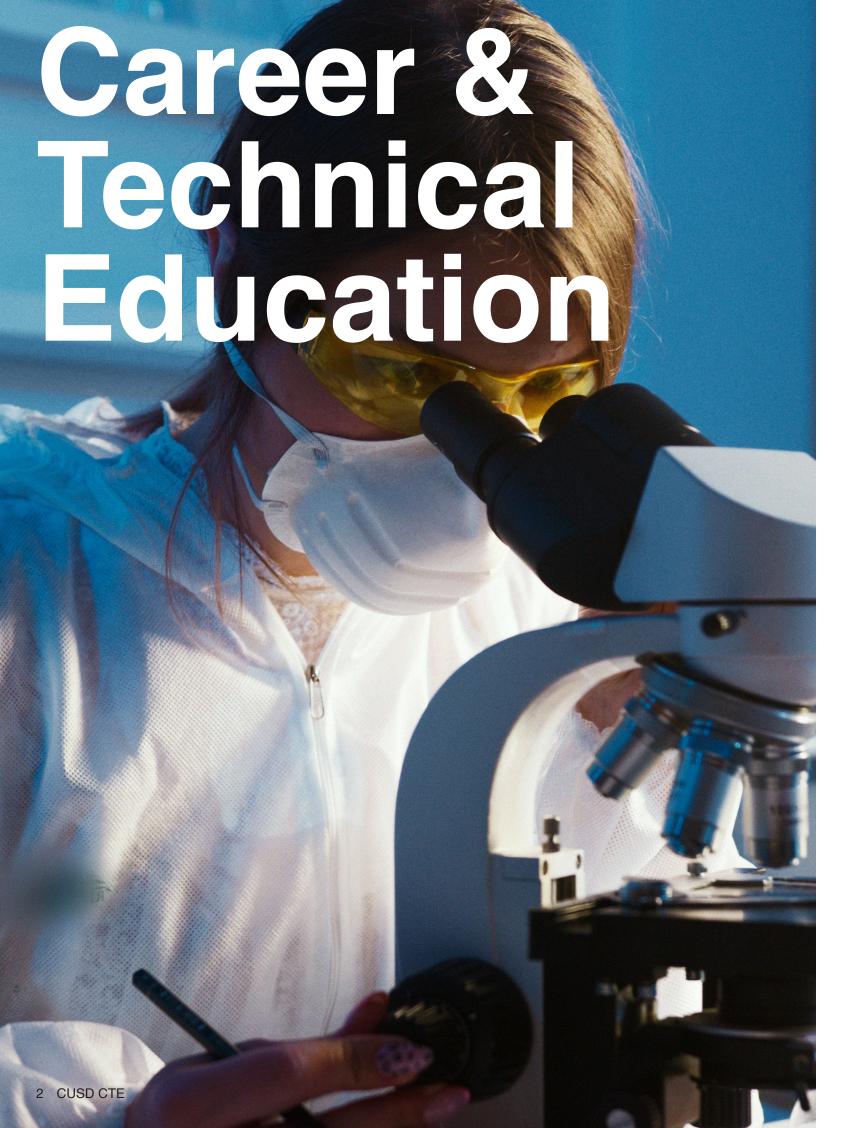






Counseling Guide

BUILDING FUTURE-READY STUDENTS



CTE Purpose

The purpose of Career and Technical Education is to provide all CUSD students the opportunity to select a program of study that involves a multi-year sequence of courses. Each CTE Program integrates core academic knowledge with technical knowledge and professional skills to provide students with a pathway to postsecondary education and careers.

CTE Goal

The goal of the CUSD CTE Department is for each student to become a completer in at least one program. To qualify as a completer, each student must complete a minimum of 2 or 3 years in a specific program. Three year programs are indicated with an asterisk* below. Students in their 2nd or 3rd year of their program have the opportunity to earn an industry credential as outlined below. All CTE courses are one full year.

CTE PATHWAYS

CILIAIIIWAIS						
Agriscience	<u>*</u>	Automatio	n & Robotics	Automotiv	e Technologies*	
Year 1:	PALS or ABS	Year 1:	Honors Robotics & Engineering Tech 1	Year 1:	Automotive Technologies 1	
Year 2:	Agriscience 1	Year 2:	Honors Robotics & Engineering Tech 2	Year 2:	Automotive Technologies 2	
Year 3:	Agriscience 2	Year 3:	Robotics & Engineering Internship	Year 3:	Automotive Technologies 3	
	Internship & additional courses offered	CTSO:	SkillsUSA		Automotive Technologies Internship	
CTSO:		Program:	·		SkillsUSA	
Program:	•	Industry Cert:	AutoDesk Fusion 360 and/or AutoDesk Inventor	Program:		
	OSHA 10-Agriculture			Industry Cert:		
Bioscience		Cabinetma	king	Culinary A		
	Biotechnology 1		Woods 1		Culinary Arts 1	
	Biotechnology 2		Woods 2		Culinary Arts 2	
	Biotechnology Internship		Woods Internship		Internship & additional courses offered	
CTSO:			SkillsUSA		FCCLA	
Program:	OSHA 10-Healthcare & Biotechnology	Program:	·	Program:	•	
industry Cert.	Aptitude and Competency Exam (BACE)	industry Cert.	OSHA 10-Construction Industry	industry Cert.	Food Handler's & Food Manager Certification	
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	Game Design & 3D Animation 1 Game Design & 3D Animation 2		Digital Communication 1 Digital Communication 2		Digital Photography 1 Digital Photography 2	
	Game Design Internship		Digital Communication 2 Digital Communication Internship		Internship & additional courses offered	
CTSO:			FBLA or SkillsUSA		FBLS or SkillsUSA	
Program:		Program:		Program:		
-	Unity Certified User	- C	Adobe Certified Professional		Adobe Certified Professional	
	hood Education	1	Professions	Film & TV I		
	Early Childhood Education 1		Education Professions 1		Film & TV Production 1	
	Early Childhood Education 2		Education Professions 2		Film & TV Production 2	
	ECE Internship & additional courses		Education Professions Internship		Film & TV Internship	
	offered					
CTSO:	FCCLA	CTSO:	FCCLA	CTSO:	SkillsUSA	
Program:		Program:	2 years	Program:	2 years	
Industry Corts	Paraprofessional, CPR/AED, First Aid	Industry Cert:	Paraprofessional, CPR/AED & First Aid	Industry Cert:	Adobe Certified Professional	
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PROGRAMS

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Bioscience	12
Nursing Services	24
Sports Medicine and Rehabilitation	28

Industrial Technologies

Agriscience	. (
Air Transportation	1(
Automotive Technologies	1
Cabinetmaking	1:
Stagecraft	29

Service Industries

Culinary Arts	14
Early Childhood Education	18
Education Professions	19
Marketing	22

Computer Technologies

Digital Animation	15
Automation & Robotics	25
Network Security	23
Semiconductor	26
Software and App Design	27

Visual Communication

Digital Communication	16
Digital Photography	17
Film & TV Production	20
Graphic Design	21

Building Future Ready Students

The CUSD Mentorships—Internships—Careers (MIC) course is designed to ignite and equip high school students with the skills and inspiration needed for their future career paths. By fostering collaborations with local businesses, the MIC program actively involves students in career education, offering them invaluable hands-on experiences through internships. Through these partnerships, both our emerging workforce and business allies stand to benefit, as they collectively invest in nurturing tomorrow's talent.

Student must be classified as a junior (11th grade) or senior (12th grade) and at least 16 years of age. Student must be a concentrator (2-3 years in the same CTE program) prior to enrolling.

Career & Technical Student Organizations

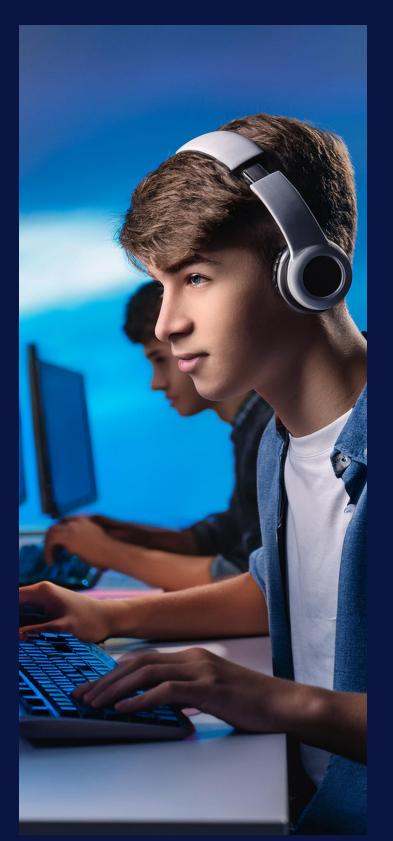
Students have the opportunity to participate in a national CTSO such as DECA, FBLA, FCCLA, FFA, HOSA, and SkillsUSA. These organizations help students foster not only technical skills, but interpersonal and workplace skills such as integrity, responsibility, teamwork, communication, professionalism and leadership.







SCHOOL OFFERINGS



Arizona College Preparatory

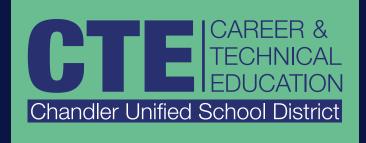
- Automation & Robotics
- Biotechnology
- Culinary Arts
- Digital Photography
- Education Professions
- Film & TV Production
- Marketing
- Software & App Design
- Sports Medicine
- Technical Theatre

Basha High School

- Agriscience
- Biotechnology
- Culinary Arts
- Cybersecurity
- Digital Photography
- Early Childhood Education
- Film & TV Production
- Graphic Design
- Marketing
- Medical Professions
- Software & App Design
- Sports Medicine

Camille Casteel High School

- Automation & Robotics
- Biotechnology
- Culinary Arts
- Digital Photography
- Education Professions
- Film & TV Production
- Marketing
- Software & App Design
- Sports Medicine
- Technical Theatre



Chandler High School

- Agriscience
- Automotive
- Cabinetmaking
- Culinary Arts
- Cybersecurity
- Digital Communications
- Digital Photography
- Early Childhood Education
- Film & TV Production
- Game Design & 3D Animation
- Graphic Design
- Marketing
- Software & App Design
- Sports Medicine
- sUAS Drone Technologies

Hamilton High School • Automation & Robotics

- Culinary Arts
- Digital Communications
- Digital Photography
- Early Childhood Education
- Film & TV Production
- Graphic Design
- Marketing
- Semiconductor Technologies
- Software & App Design
- Sports Medicine
- Technical Theatre

Perry High School

- Automation & Robotics
- Culinary Arts
- Digital Photography
- Early Childhood Education
- Film & TV Production
- Graphic Design
- Marketing
- Medical Professions
- Software & App Design
- Sports Medicine
- Technical Theatre





6 CUSD CTE

In CTE students plan for their futures

Education with Purpose® is the overarching TFS Results philosophy that drives the Career Tree — the concept that students and trainees who are exposed to career-focused learning are empowered to discover their passion and direction sooner, so they can make the most of their education. Education with Purpose® is education that makes sense, customized to the unique strengths and interests of each student. One size doesn't fit all, and as part of the Education with Purpose® philosophy, the Career Tree recognizes and builds on that truth to promote focused and decisive learning.

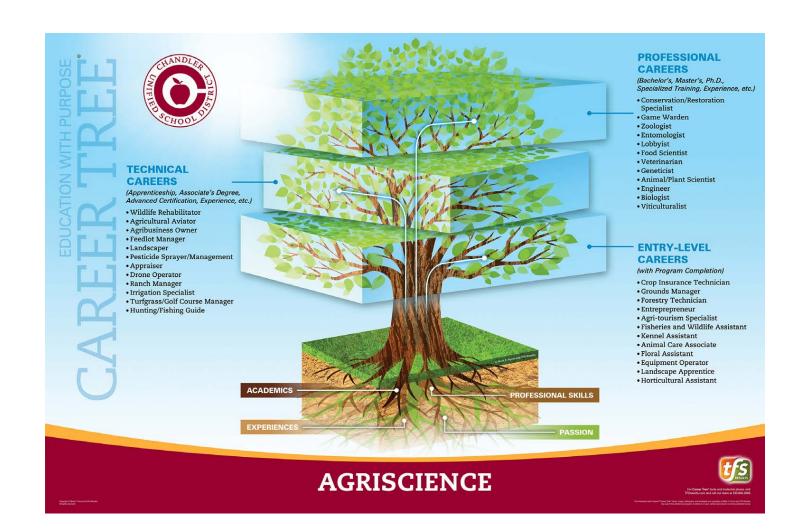
SOURCE: THE TFS CAREER TREE CURRICULUM GUIDE V 3.0

Career Trees and Program Coherent Sequences shown on the following pages.

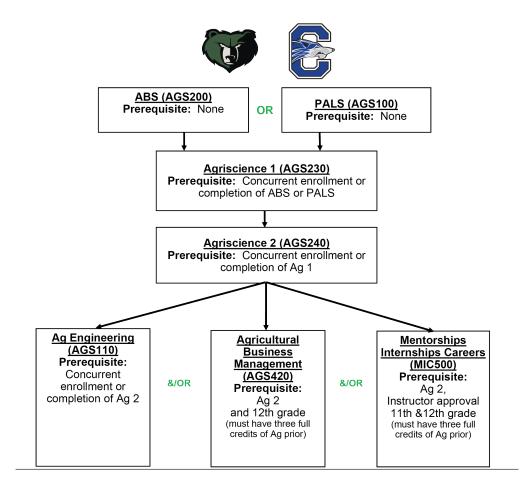




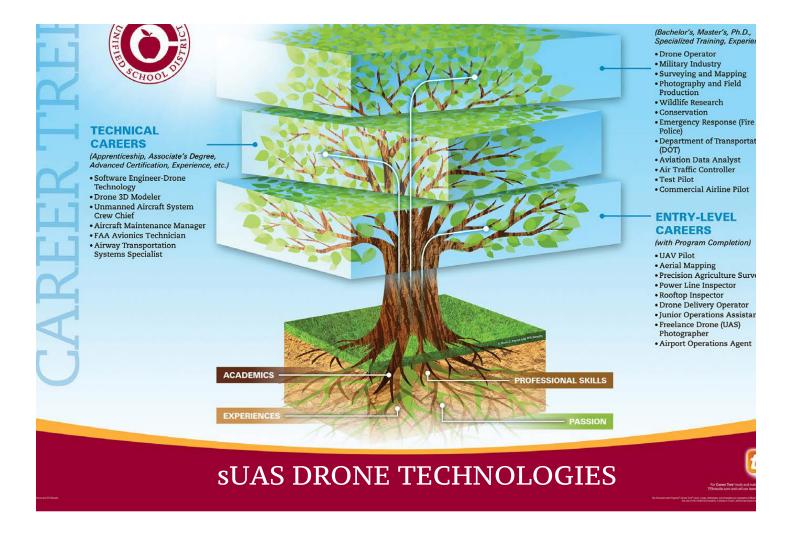




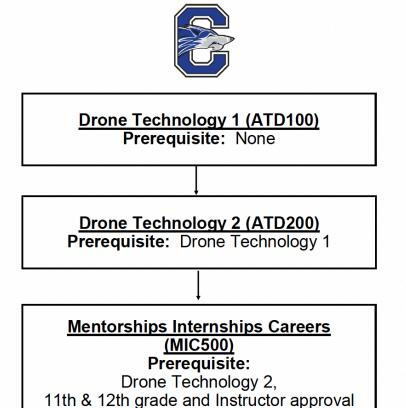


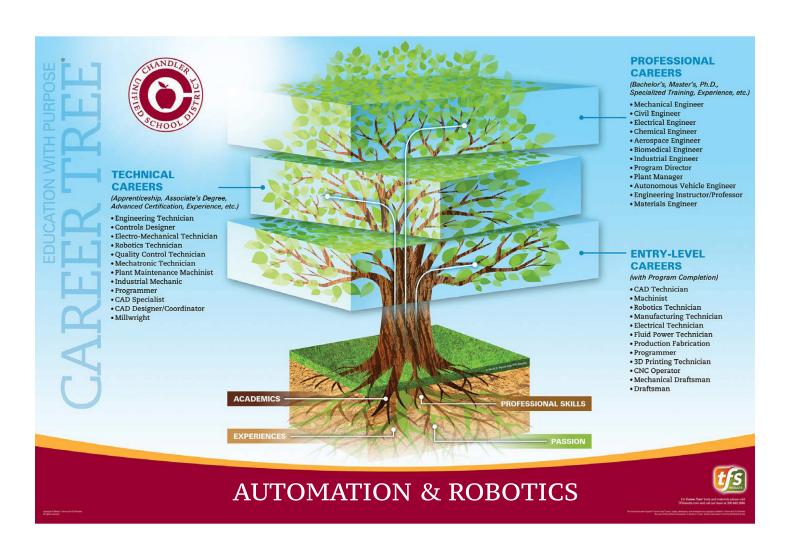


8 CUSD CTE 9



sUAS (small Unmanned Aircraft Systems) Drone Technology Coherent Sequence





Automation & Robotics Coherent Sequence







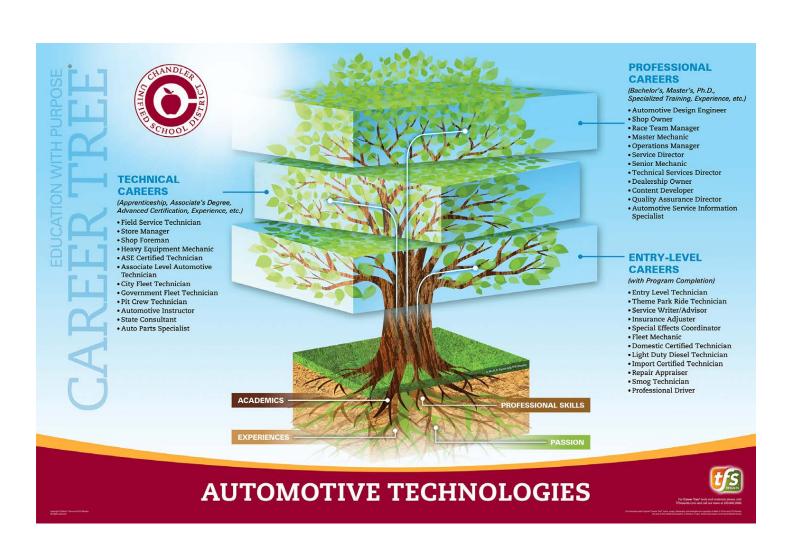
Honors Robotics & Engineering Tech 1 (RET 305) Prerequisite: None

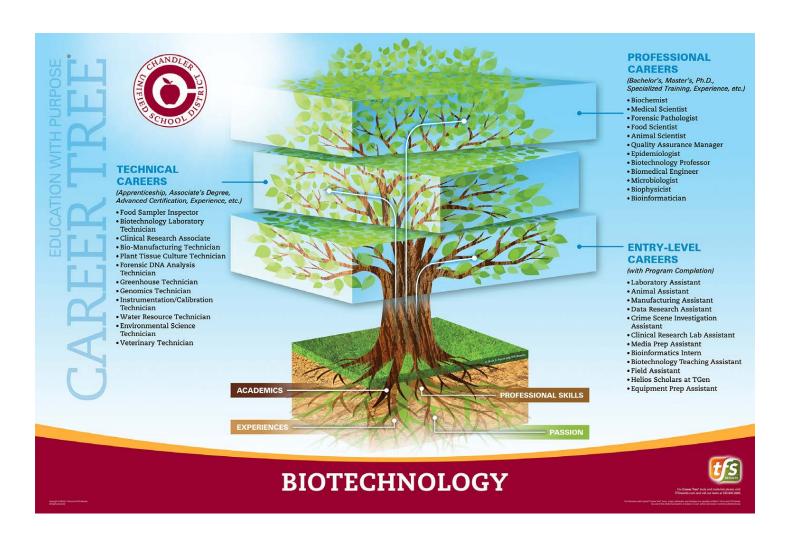
Honors Robotics & Engineering Tech 2 (RET 405) Prerequisite: Honors Robotics &

Engineering Tech 1

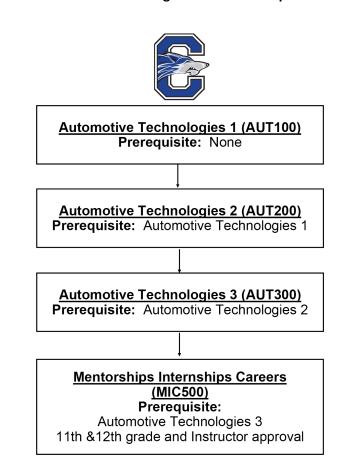
Mentorships Internships Careers (MIC500)

Prerequisite: Honors Robotics & Engineering Tech 2 11th & 12th grade and Instructor approval

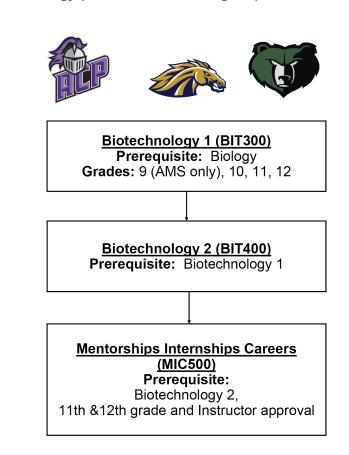


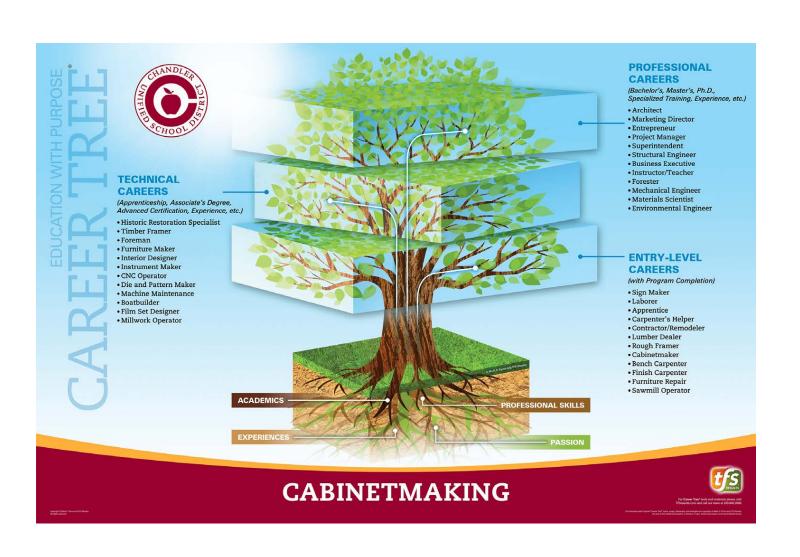


Automotive Technologies Coherent Sequence

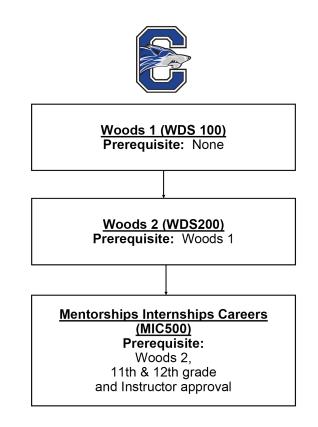


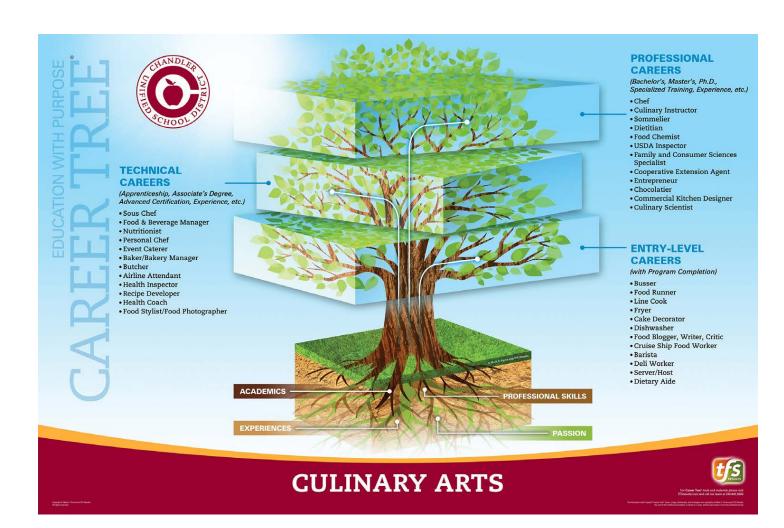
Biotechnology (ADE Bioscience Program) Coherent Sequence











Culinary Arts Coherent Sequence



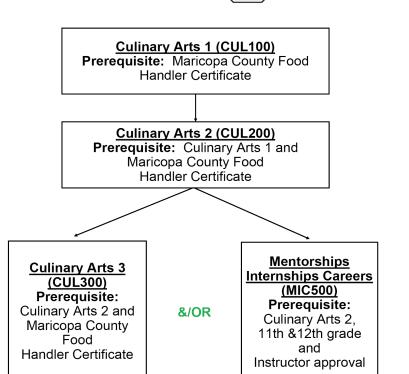


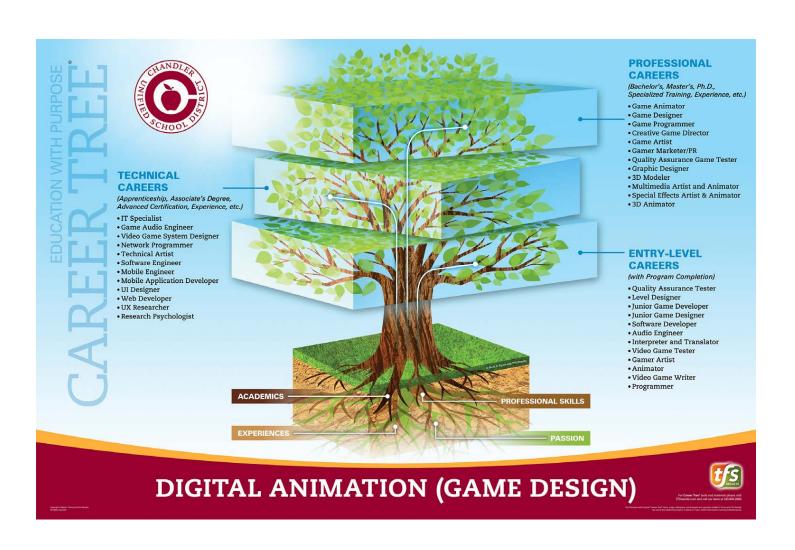


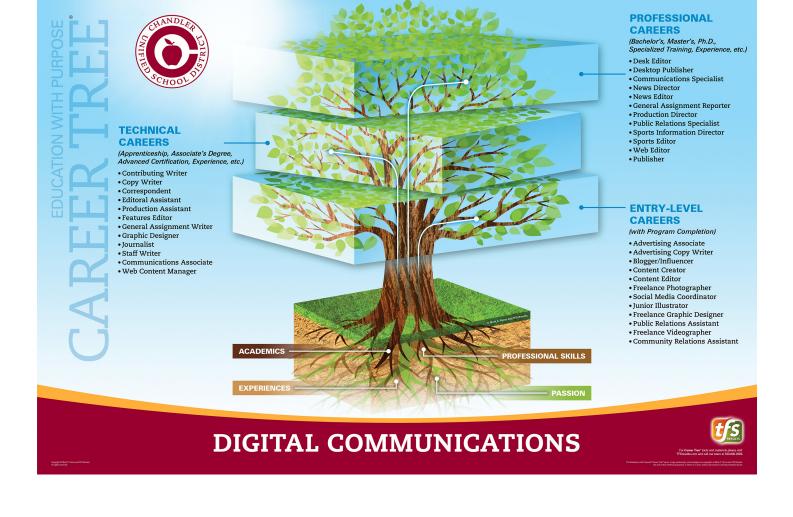










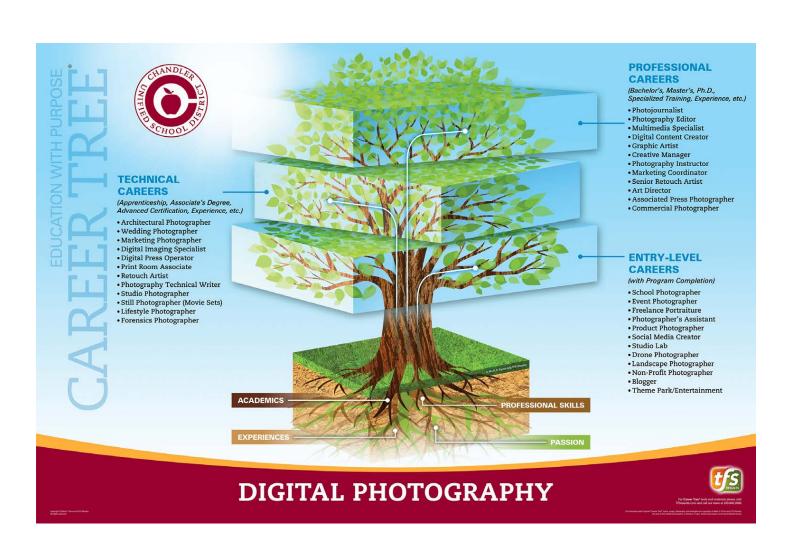


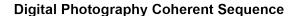
Game Design & 3D Animation (ADE Digital Animation program) Coherent Sequence



Digital Communication Coherent Sequence



















Digital Photography 1 (DPH100)

Prerequisite: None

This course may be taken for Fine Arts credit (DPH101)

Digital Photography 2 (DPH200)

Prerequisite: Digital Photography 1
This course may be taken for Fine Arts credit
(DPH201)

AP Studio Art: 2-D Design Portfolio (ART306)

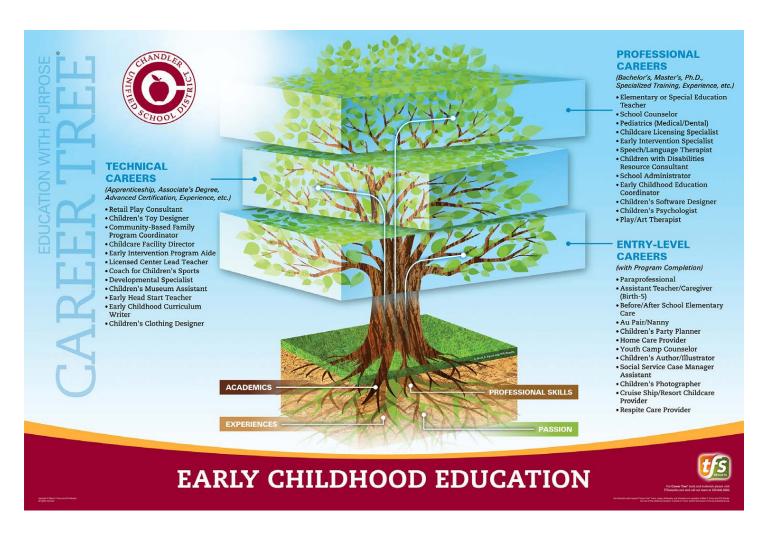
Prerequisite: Digital Photography 2 or Instructor Approval Hamilton Only

&/OR

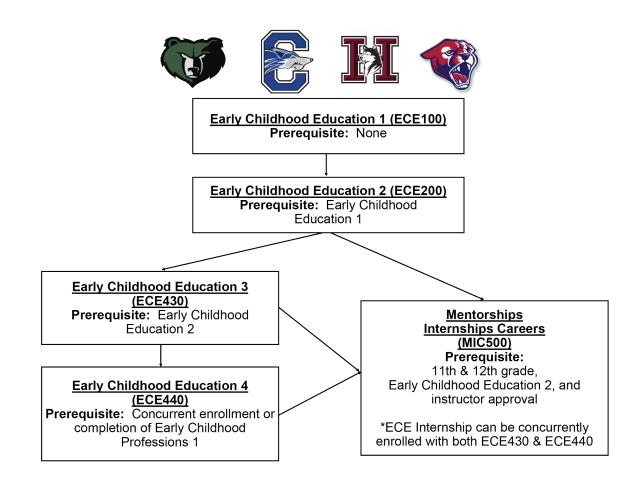
Mentorships Internships Careers

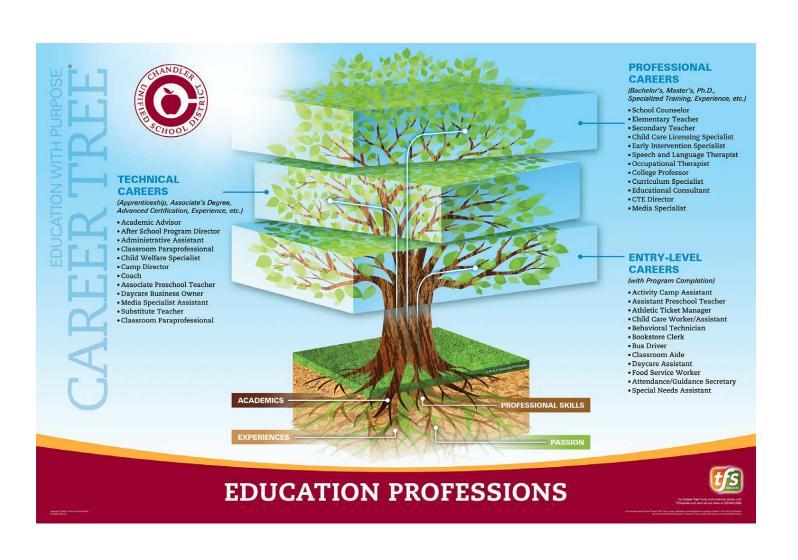
(MIC500) Prerequisite:

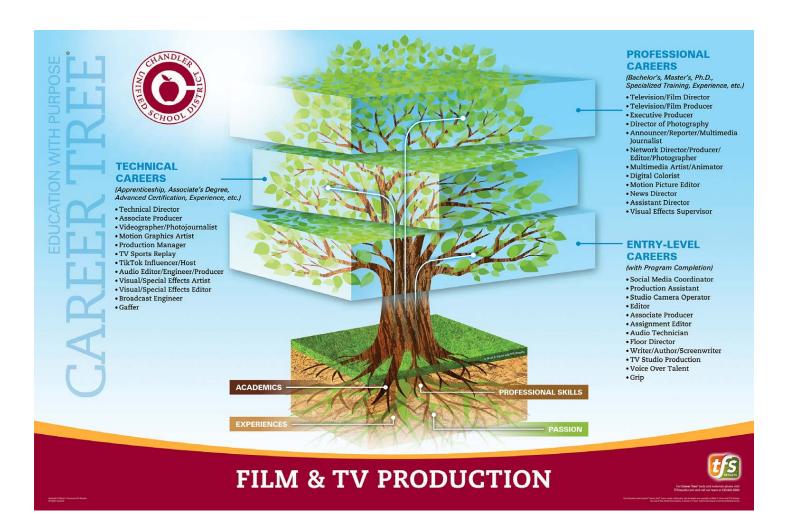
Digital Photography 2, 11th &12th grade and Instructor approval



Early Childhood Education Coherent Sequence



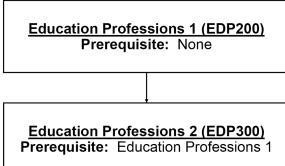




Education Professions Coherent Sequence







Mentorships Internships Careers (MIC500) **Prerequisite:**

Education Professions 2, 12th grade and Instructor approval

Film and TV Production Coherent Sequence













Film & TV Production 1 (TVF100)

Prerequisite: None

This course may be taken for Fine Arts credit (TVF101)

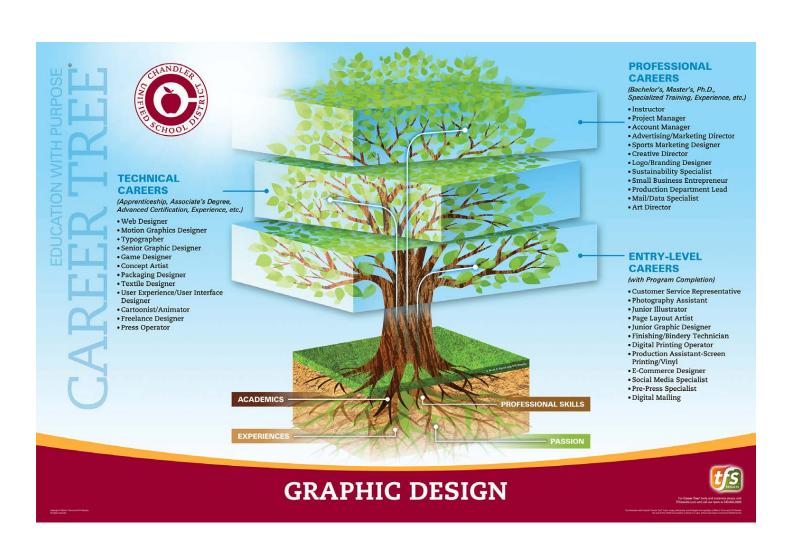
Film & TV Production 2 (TVF200)

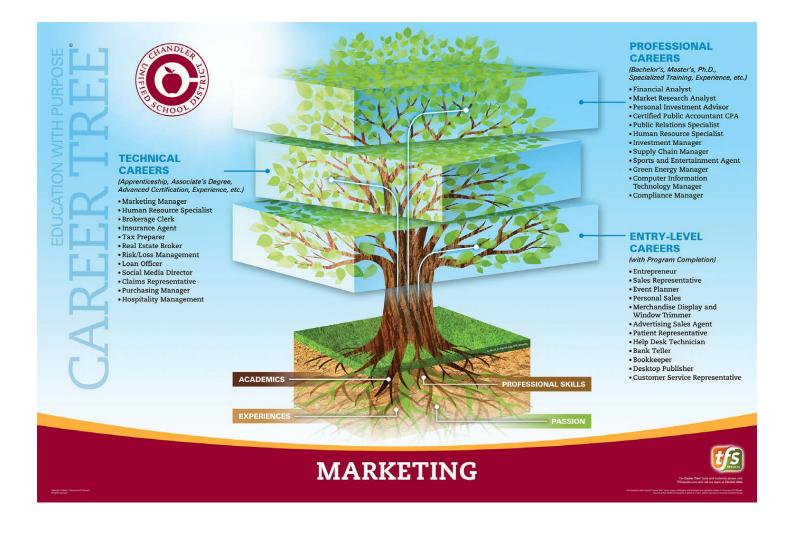
Prerequisite: Film & TV Production 1 This course may be taken for Fine Arts credit (TVF201)

Mentorships Internships Careers (MIC500)

Prerequisite:

Film & TV Production 2, 11th & 12th grade and Instructor approval





Graphic Design Coherent Sequence



Marketing Coherent Sequence



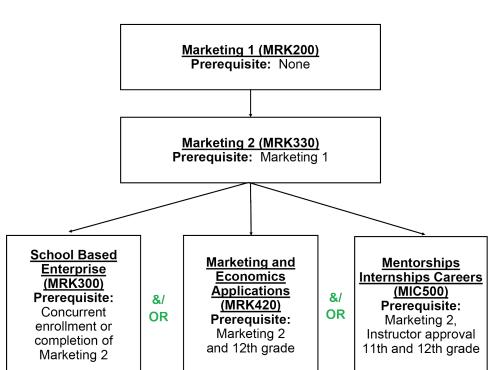


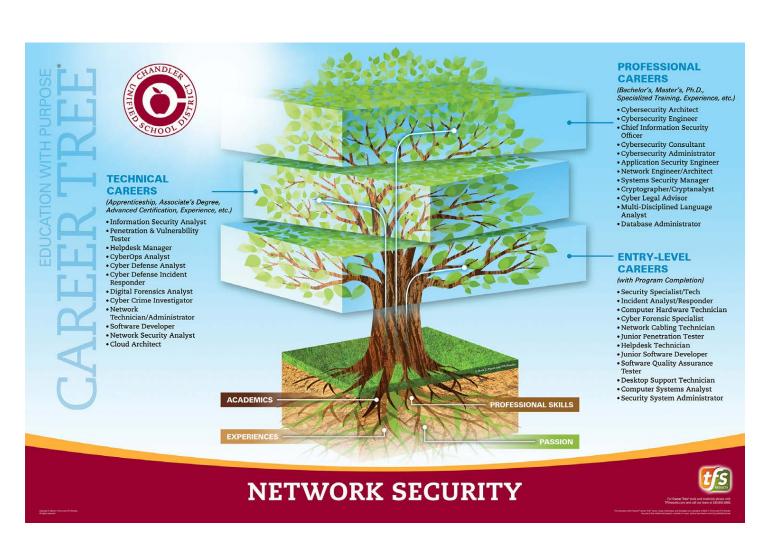




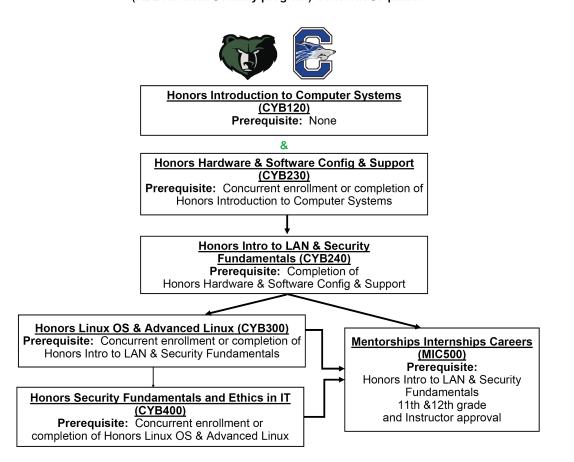


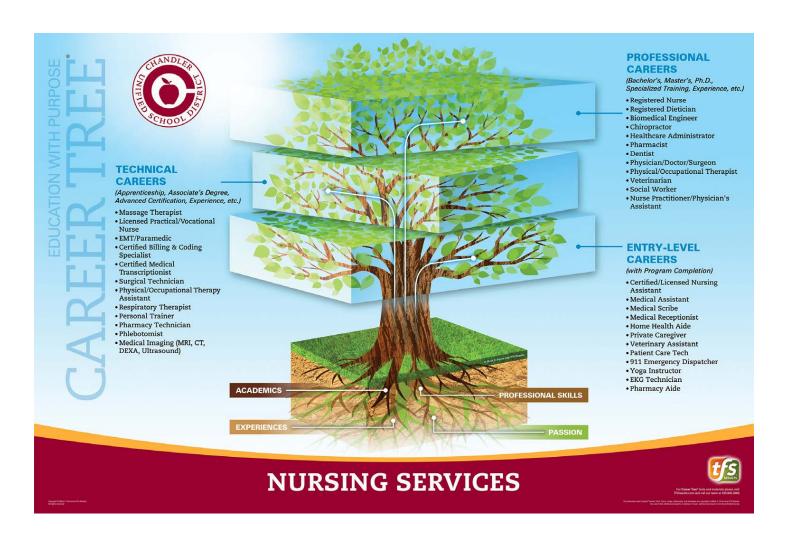






Institute of Cyber Operations & Network
(ADE Network Security program) Coherent Sequence



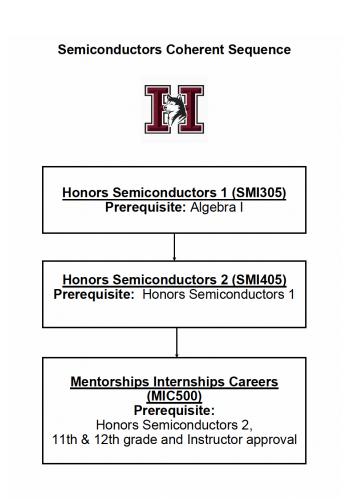


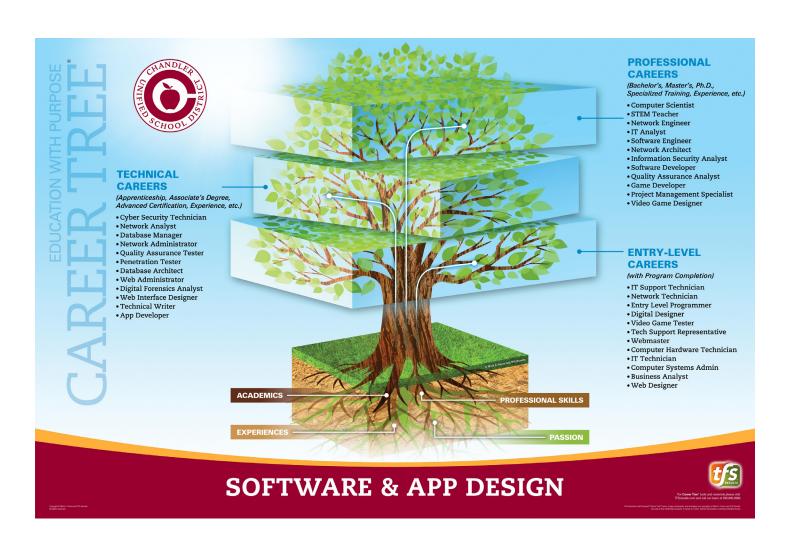
Medical Professions (ADE Nursing Services Program) Coherent Sequence



Semiconductor Career Tree

Coming Soon!





Software & App Design Coherent Sequence



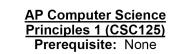












AP Computer Science A (CSC335)
Prerequisite: AP Computer Science
Principles 1

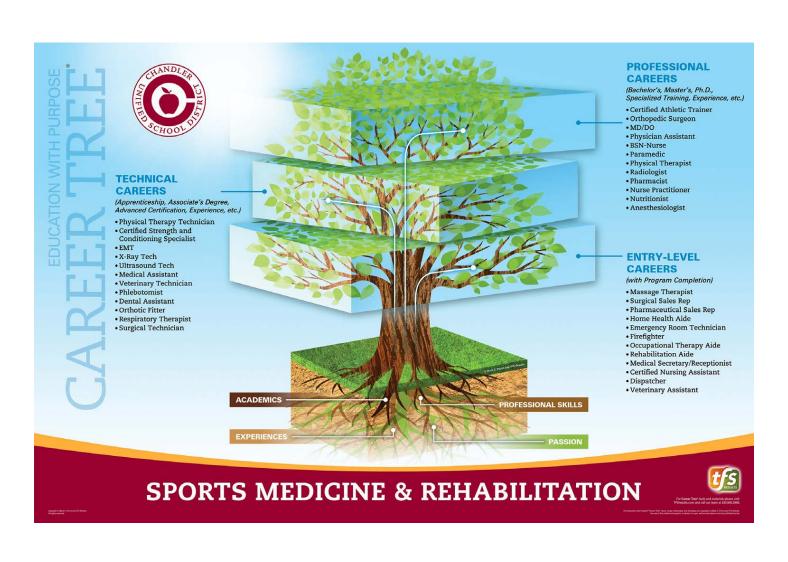
PLTW Honors Cyber
Security (CSC325)

Prerequisite: AP Computer
Science A
Perry Only

&/OR

Mentorships Internships
Careers
(MIC500)
Prerequisite:

AP Computer Science A, 11th & 12th grade and Instructor approval







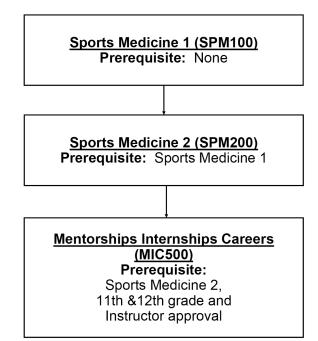


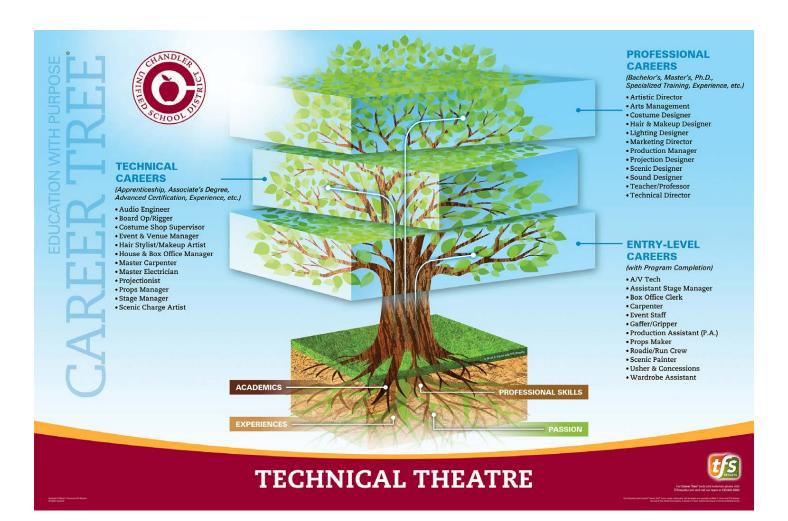












Technical Theatre (ADE Stagecraft Program) Coherent Sequence











CTE Programs Miscellaneous Information

BUILDING FUTURE-READY STUDENTS

AP Studio Art: 2D Criteria for Instructor Approval

- 1. Successful completion of Ditgital Photo 1 and 2
- 2. **OR**
- 3. Applies only to 12th graders who have only completed Digital Photo 1.

Provide a 24 image portfolio to the instructor which will be evaluated using the Arizona State CTE Digital Photography Grade Scale. The student must score a 3 or 4 on this rubric to be admitted to the course.

Medical Professions 2 Criteria for Instructor Approval & Student Requirements.

This program has strict attendance, dress code and achievement requirements.

- 1. Successful completion of Medical Professions 1 with a final grade of at least 76% and Basic Life Support (BLS) Certificate.
- 2. Complete Student Information Form*
- 3. Copy of Fingerprint Clearance Card. Card cannot expire before June 1, 2025. Obtain the Fingerprint Clearance Card packet and application from the Program Instructor.
- 4. Complete Halth and Safety Documentation Checklist*
- 5. Signed Healthcare Provider Signature Form*
- 6. You will be required by the Clinical Care Facility to show proof of negative drug test result.
 - * Refer to the Nursing Assistant Program Manual for more information and/or contact the instructor.

Failure to meet above requirements will result in non-admission to the program.

Off-site clinical training:

- 1. Outside of class time
- 2. Minimum 40 hours of clinical training
- 3. No more than 1 absence or 2 tardies
- 4. Student is responsible for their own transporation to and from clinical training site

Mentorships Internships Careers Criteria for Instructor Approval & Student Requirements

Enrollment for MIC program requires instructor approval

- 1. Students must have taken the prerequisite courses in CTE and provide verification of their passing grades.
- 2. Students must be in 11th (junior) or 12th grade (senior) and at least be 16 years of age.
- 3. Students must complete a minimum of 120 internship hours 2nd semester, outside of their normal school day in a paid or unpaid position related to their program area.
- Student must meet on designated dates to complete the required paperwork and lessons. This time can be counted towards their internship hours.

Dual Credit

- 1. Dual Credit offerings are specific to the teacher and the school
- 2. Please contact your HS Counselor to confirm whether the CTE Course is approved for Dual Credit.
- 3. Additional fees are required

Arizona Board of Regents In-State University Admissions

Per Arizona Board of Regents (ABOR) Policy 2-121 in-state university admissions now permits CTE Credit or Fine Arts Credit





Notice of Nondiscrimination

Chandler Unified School District does not discriminate on the basis of race, color, ethnicity, national origin, religion, sex or gender, sexual orientation, disability or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following persons have been designated to handle inquiries regarding the nondiscrimination policies:

Compliance officers for Title IX Notice of Non-discrimination:

www.cusd80.com/nondiscrimination

Dan Serrano Title IX Coordinator 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7038 Dr. Jeff Filloon Executive Director of Human Resources 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7640 **Compliance officers for Section 504**

Dr. Kymberly Marshall Executive Director of Student Services 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7560

Aviso de no discriminación

Distrito Escolar Unificado de Chandler no discriminan en base de raza, color, etnia, origen nacional, religión, sexo o género, orientación sexual, discapacidad o edad en sus programas y actividades, proporcionan acceso en condiciones de igualdad a los Boy Scouts y otros grupos de jóvenes. Las siguientes personas han sido designadas para tratar preguntas en cuanto a las políticas de no discriminación:

Funcionario de Cumplimiento de Título IX

www.cusd80.com/nondiscrimination

Dan Serrano Coordinador del Título IX 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7038 Dr. Jeff Filloon Director de Recursos Humanos 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7640

Funcionario de Cumplimiento para Sección 504

Dr. Kymberly Marshall Director de Servicios Estudiantiles 1525 W Frye Rd. Chandler, AZ 85224 (480) 812-7560

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LINDSAY DURAN CTE DIRECTOR 480-224-2515 duran.lindsay@cusd80.com



Administrative Assistant 480-224-2510 bossert.lisa@cusd80.com



PATRICK BROWN

Workforce Development Coordinator 480-224-3946 brown.patrick@cusd80.com



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REBECCA GOETZ

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/ Ed Professions
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