



2024-2025  
**Counseling  
Guide**

**Building FUTURE READY Students**

# Career & Technical Education

## CTE Purpose

The purpose of Career and Technical Education is to develop future-ready students by preparing them for college expectations and labor-market demands. Each CTE Program integrates core academic knowledge with technical 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

<b>Agriscience*</b> Year 1: PALS or ABS Year 2: Agriscience 1 Year 3: Agriscience 2 Year 4: Internship & additional courses offered CTSO: FFA Program: 3 years Industry Cert: OSHA 10-Agriculture	<b>Air Transportation*</b> Year 1: Drone Operator 1 Year 2: Drone Operator 2 Year 3: Drone Operator 3 Year 4: Drone Operator Internship CTSO: Program: 3 years Industry Cert: FAA - Remote Pilot	<b>Automotive Technologies*</b> Year 1: Automotive Technologies 1 Year 2: Automotive Technologies 2 Year 3: Automotive Technologies 3 Year 4: Automotive Technologies Internship CTSO: SkillsUSA Program: 3 years Industry Cert: ASE
<b>Bioscience</b> Year 1: Biotechnology 1 Year 2: Biotechnology 2 Year 3: Biotechnology Internship CTSO: HOSA Program: 2 years Industry Cert: OSHA 10-Healthcare & Biotechnician Assistance Credential (BACE)	<b>Cabinetmaking</b> Year 1: Woods 1 Year 2: Woods 2 Year 3: Woods Internship CTSO: SkillsUSA Program: 2 years Industry Cert: OSHA 10-Construction Industry	<b>Culinary Arts</b> Year 1: Culinary Arts 1 Year 2: Culinary Arts 2 Year 3: Internship & additional courses offered CTSO: FCCLA Program: 2 years Industry Cert: Maricopa County Food Handler's & ServSafe
<b>Digital Animation</b> Year 1: Game Design & 3-D Animation 1 Year 2: Game Design & 3-D Animation 2 Year 3: Game Design Internship CTSO: FBIA Program: 2 years Industry Cert: Unity Certified User	<b>Digital Communication</b> Year 1: Digital Communication 1 Year 2: Digital Communication 2 Year 3: Digital Communication Internship CTSO: FBIA or SkillsUSA Program: 2 years Industry Cert: Adobe Certified Professional	<b>Digital Photography</b> Year 1: Digital Photography 1 Year 2: Digital Photography 2 Year 3: Internship & additional courses offered CTSO: FBIA or SkillsUSA Program: 2 years Industry Cert: Adobe Certified Professional
<b>Early Childhood Education</b> Year 1: Early Childhood Education 1 Year 2: Early Childhood Education 2 Year 3: ECE Internship & additional courses offered CTSO: FCCLA Program: 2 years Industry Cert: Paraprofessional Praxis, CPR/AED, First Aid	<b>Education Professions</b> Year 1: Education Professions 1 Year 2: Education Professions 2 Year 3: Education Professions Internship CTSO: FCCLA Program: 2 years Industry Cert: Paraprofessional Praxis, CPR/AED & First Aid	<b>Engineering*</b> Year 1: Honors Intro to Engineering Design Year 2: Honors Principles of Engineering Year 3: Honors Digital Electronics or Honors Aerospace Engineering Year 4: Internship & additional courses offered CTSO: SkillsUSA Program: 3 years Industry Cert: AutoDesk Fusion 360 and/or AutoDesk Inventor
<b>Fashion Design &amp; Merchandising</b> Year 1: Design & Fashion Merchandising 1 Year 2: Design & Fashion Merchandising 2 Year 3: Design & Fashion Internship CTSO: FCCLA Program: 2 years Industry Cert: RISE-Up: Retail Industry Fundamentals	<b>Film &amp; TV Production</b> Year 1: Multimedia & Film 1 Year 2: Multimedia & Film 2 Year 3: Multimedia & Film Internship CTSO: SkillsUSA or FBIA Program: 2 years Industry Cert: Adobe Certified Professional	<b>Graphic Design</b> Year 1: Graphic Design 1 Year 2: Graphic Design 2 Year 3: Graphic Design Internship CTSO: SkillsUSA or FBIA Program: 2 years Industry Cert: Adobe Certified Professional
<b>Marketing</b> Year 1: Marketing 1 Year 2: Marketing 2 Year 3: Internship & additional courses offered CTSO: DECA Program: 2 years Industry Cert: RISE-Up: Customer Service & Sales	<b>Network Security</b> Year 1: Honors Intro to Computer Systems & Honors Hardware and Software Config & Support Year 2: Honors Intro to LAN & Security Fundamentals and Honors Linux OS Year 3: Additional courses offered CTSO: FBIA Program: 2 years Industry Cert: CompTIA-A+, IT Fundamentals, Network+, and Security +, PCEP; Python Certified Entry Programmer	<b>Nursing Services</b> Year 1: Medical Professions 1 Year 2: Medical Professions 2 CTSO: HOSA Program: 2 years Industry Cert: CPR/AED, First Aid, OSHA 10-Healthcare, Certified Nurse Assistant (CNA)/ Licensed Nurse Assistant (LNA)
<b>Software and App Design</b> Year 1: AP Computer Science Principles 1 Year 2: AP Computer Science A Year 3: Internship & additional course offered. CTSO: FBIA or SkillsUSA Program: 2 years Industry Cert: Information Technology Specialist-Java	<b>Sports Medicine &amp; Rehabilitation</b> Year 1: Sports Medicine 1 Year 2: Sports Medicine 2 Year 3: Sports Medicine Internship CTSO: HOSA Program: 2 years Industry Cert: CPR/AED Certification, First Aid, OSHA 10-Healthcare	<b>Stagecraft</b> Year 1: Technical Theatre 1 Year 2: Technical Theatre 2 Year 3: Technical Theatre Internship CTSO: SkillsUSA Program: 2 years Industry Cert: OSHA 10-Construction Industry

# PROGRAMS

## Health Sciences

Bioscience .....	12
Nursing Services .....	26
Sports Medicine and Rehabilitation ....	28

## Industrial Technologies

Agriscience .....	9
Air Transportation .....	10
Automotive Technologies.....	11
Cabinetmaking.....	13
Stagecraft .....	29

## Service Industries

Culinary Arts .....	14
Early Childhood Education .....	18
Education Professions.....	19
Fashion Design & Merchandising.....	21
Marketing.....	24

## Computer Technologies

Digital Animation.....	15
Engineering .....	20
Network Security .....	25
Software and App Design .....	27

## Visual Communication

Digital Communication.....	16
Digital Photography .....	17
Film & TV Production.....	22
Graphic Design.....	23

## CTE programs incorporate Work-Based Learning

Work-Based Learning includes strategies that allow schools to go beyond a typical classroom experience. These activities allow students to apply the theories and skills learned in the classroom to real-world situations and workplaces. Work-Based Learning may be accomplished through internships, healthcare clinicals, industry-created projects, service learning, lab/simulation projects, and/or school-based enterprises.

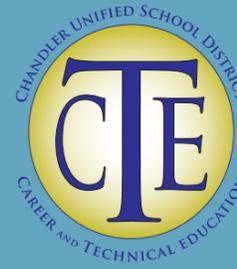
In their senior year, students may choose to do an internship for additional credit if they are either a completer or currently enrolled in their completer year. One half credit may be earned by completing 90 hours either paid or unpaid per semester.

## 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

- Biotechnology
- Culinary Arts
- Digital Photography
- Education Professions
- Marketing
- Multimedia & Film
- Software & App Design
- Sports Medicine
- Technical Theatre

## Basha High School

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

## Camille Casteel High School

- Biotechnology
- Culinary Arts
- Digital Photography
- Education Professions
- Engineering
- Marketing
- Multimedia & Film
- Software & App Design
- Sports Medicine
- Technical Theatre

## Chandler High School

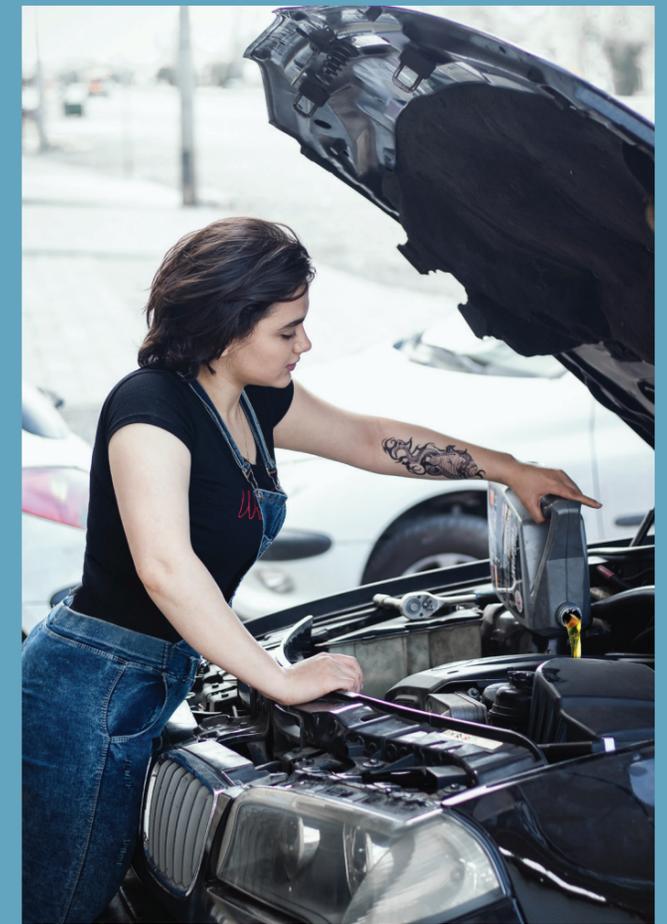
- Agriscience
- Air Transportation/Drone
- Automotive
- Cabinetmaking
- Culinary Arts
- Cybersecurity
- Digital Communications
- Digital Photography
- Early Childhood Education
- Game Design & 3D Animation
- Graphic Design
- Marketing
- Multimedia & Film
- Software & App Design
- Sports Medicine

## Hamilton High School

- Culinary Arts
- Digital Communications
- Digital Photography
- Early Childhood Education
- Engineering
- Graphic Design
- Marketing
- Multimedia & Film
- Software & App Design
- Sports Medicine
- Technical Theatre

## Perry High School

- Culinary Arts
- Design & Fashion Merchandising
- Digital Photography
- Early Childhood Education
- Engineering
- Game Design & 3D Animation
- Graphic Design
- Marketing
- Medical Professions
- Multimedia & Film
- Software & App Design
- Sports Medicine
- Technical Theatre



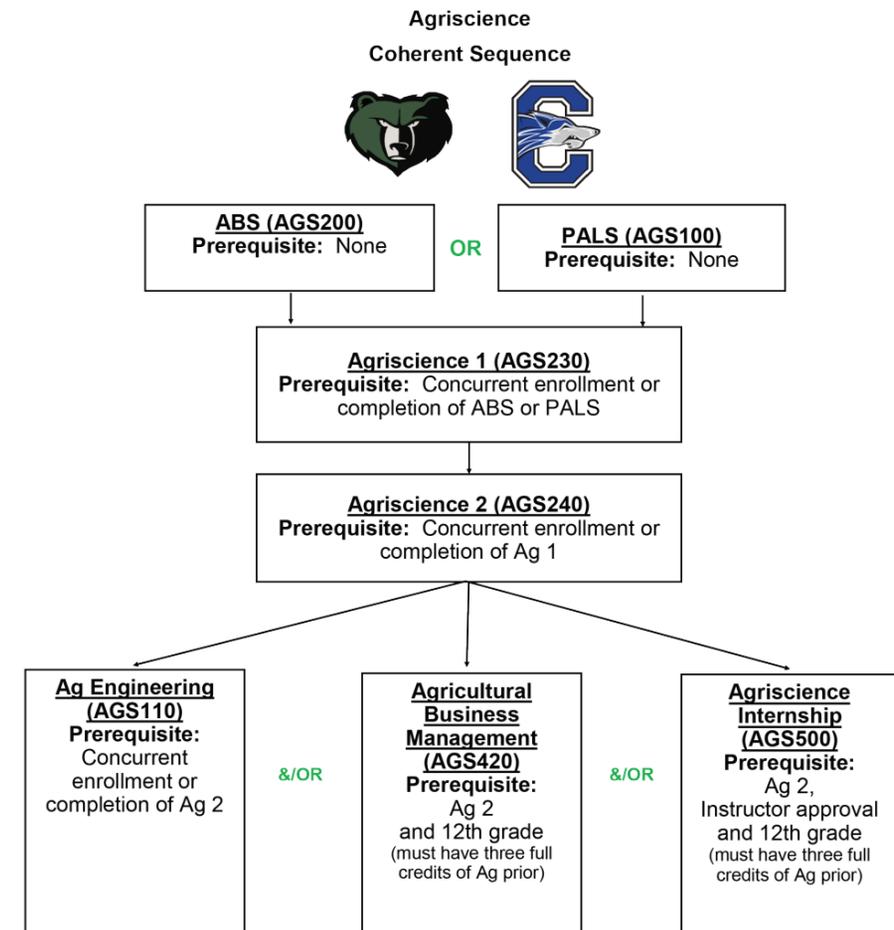
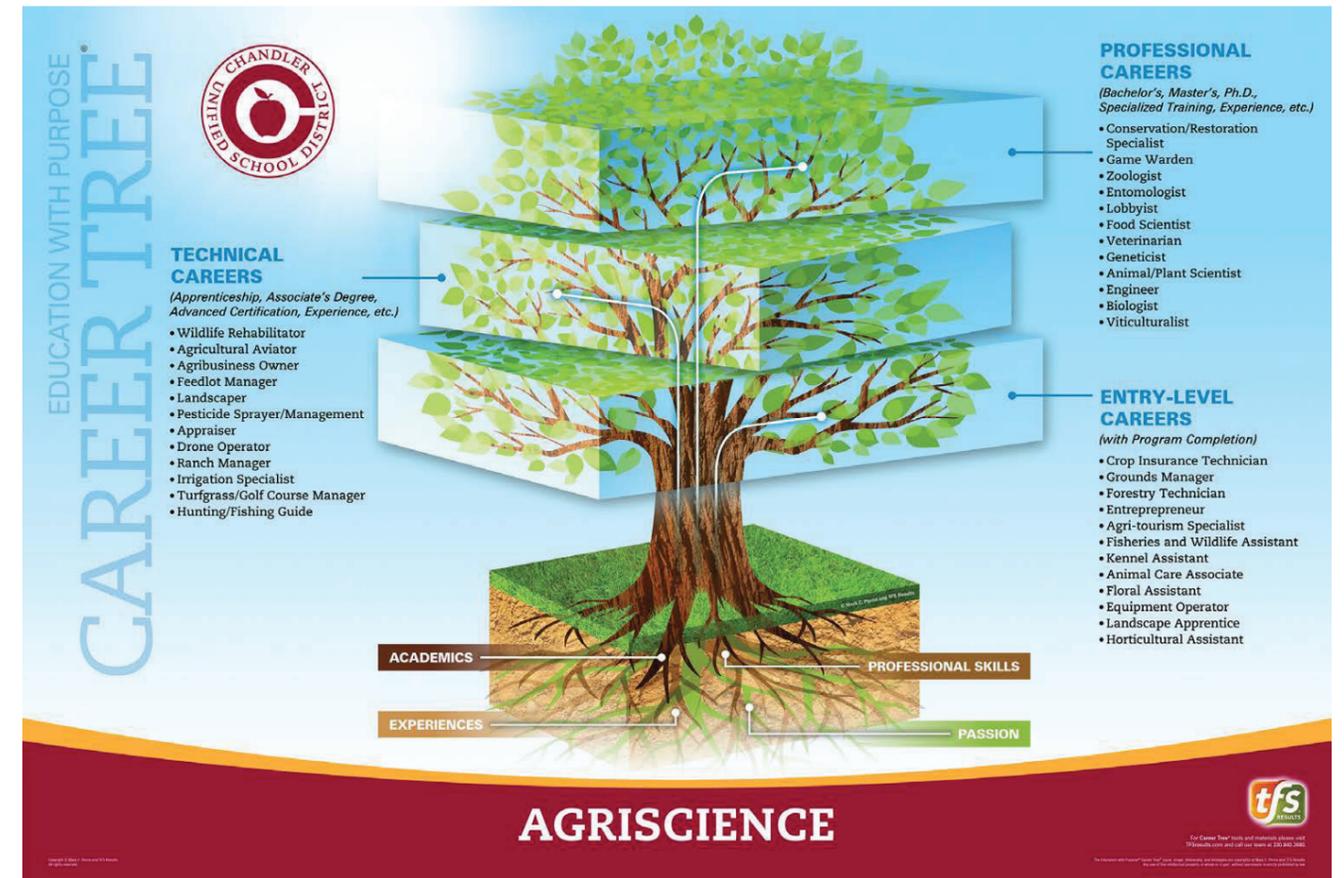
# In CTE

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.



EDUCATION WITH PURPOSE  
**CAREER TREE**



**TECHNICAL CAREERS**  
*(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)*

- Software Engineer-Drone Technology
- Drone 3D Modeler
- Unmanned Aircraft System Crew Chief
- Aircraft Maintenance Manager
- FAA Avionics Technician
- Airway Transportation Systems Specialist

**PROFESSIONAL CAREERS**  
*(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)*

- Drone Operator
- Military Industry
- Surveying and Mapping
- Photography and Field Production
- Wildlife Research
- Conservation
- Emergency Response (Fire & Police)
- Department of Transportation (DOT)
- Aviation Data Analyst
- Air Traffic Controller
- Test Pilot
- Commercial Airline Pilot

**ENTRY-LEVEL CAREERS**  
*(with Program Completion)*

- UAV Pilot
- Aerial Mapping
- Precision Agriculture Surveyor
- Power Line Inspector
- Rooftop Inspector
- Drone Delivery Operator
- Junior Operations Assistant
- Freelance Drone (UAS) Photographer
- Airport Operations Agent

ACADEMICS | PROFESSIONAL SKILLS  
EXPERIENCES | PASSION

**AIR TRANSPORTATION (DRONE)**



EDUCATION WITH PURPOSE  
**CAREER TREE**



**TECHNICAL CAREERS**  
*(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)*

- Field Service Technician
- Store Manager
- Shop Foreman
- Heavy Equipment Mechanic
- ASE Certified Technician
- Associate Level Automotive Technician
- City Fleet Technician
- Government Fleet Technician
- Pit Crew Technician
- Automotive Instructor
- State Consultant
- Auto Parts Specialist

**PROFESSIONAL CAREERS**  
*(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)*

- Automotive Design Engineer
- Shop Owner
- Race Team Manager
- Master Mechanic
- Operations Manager
- Service Director
- Senior Mechanic
- Technical Services Director
- Dealership Owner
- Content Developer
- Quality Assurance Director
- Automotive Service Information Specialist

**ENTRY-LEVEL CAREERS**  
*(with Program Completion)*

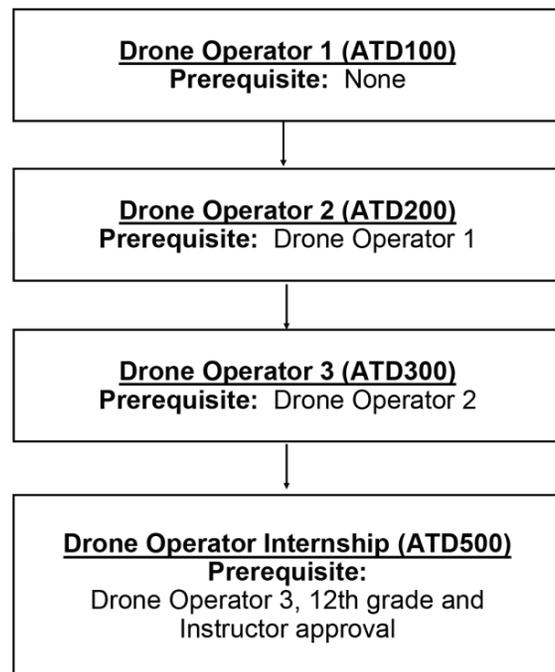
- Entry Level Technician
- Theme Park Ride Technician
- Service Writer/Advisor
- Insurance Adjuster
- Special Effects Coordinator
- Fleet Mechanic
- Domestic Certified Technician
- Light Duty Diesel Technician
- Import Certified Technician
- Repair Appraiser
- Smog Technician
- Professional Driver

ACADEMICS | PROFESSIONAL SKILLS  
EXPERIENCES | PASSION

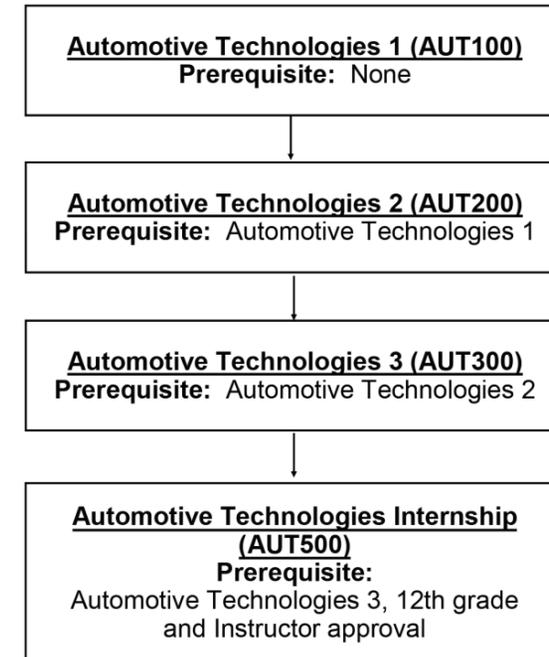
**AUTOMOTIVE TECHNOLOGIES**



**Drone Operator  
Coherent Sequence**



**Automotive Technologies  
Coherent Sequence**



EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Food Sampler Inspector
- Biotechnology Laboratory Technician
- Clinical Research Associate
- Bio-Manufacturing Technician
- Plant Tissue Culture Technician
- Forensic DNA Analysis Technician
- Greenhouse Technician
- Genomics Technician
- Instrumentation/Calibration Technician
- Water Resource Technician
- Environmental Science Technician
- Veterinary Technician

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Biochemist
- Medical Scientist
- Forensic Pathologist
- Food Scientist
- Animal Scientist
- Quality Assurance Manager
- Epidemiologist
- Biotechnology Professor
- Biomedical Engineer
- Microbiologist
- Biophysicist
- Bioinformatician

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Laboratory Assistant
- Animal Assistant
- Manufacturing Assistant
- Data Research Assistant
- Crime Scene Investigation Assistant
- Clinical Research Lab Assistant
- Media Prep Assistant
- Bioinformatics Intern
- Biotechnology Teaching Assistant
- Field Assistant
- Helios Scholars at TGen
- Equipment Prep Assistant

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

**BIOTECHNOLOGY**

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EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Historic Restoration Specialist
- Timber Framer
- Foreman
- Furniture Maker
- Interior Designer
- Instrument Maker
- CNC Operator
- Die and Pattern Maker
- Machine Maintenance
- Boatbuilder
- Film Set Designer
- Millwork Operator

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Architect
- Marketing Director
- Entrepreneur
- Project Manager
- Superintendent
- Structural Engineer
- Business Executive
- Instructor/Teacher
- Forester
- Mechanical Engineer
- Materials Scientist
- Environmental Engineer

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

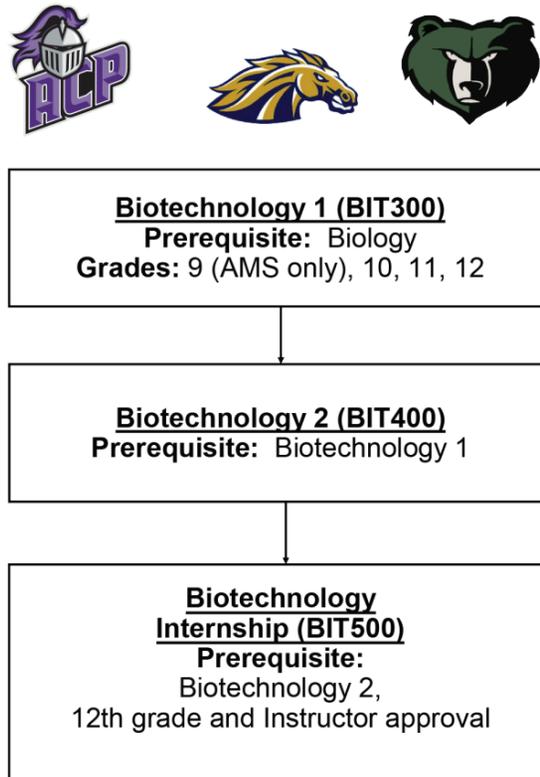
- Sign Maker
- Laborer
- Apprentice
- Carpenter's Helper
- Contractor/Remodeler
- Lumber Dealer
- Rough Framer
- Cabinetmaker
- Bench Carpenter
- Finish Carpenter
- Furniture Repair
- Sawmill Operator

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

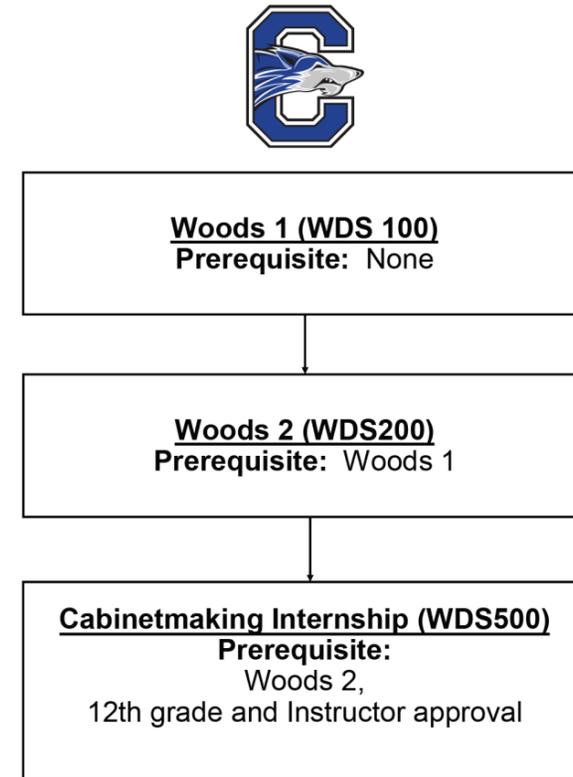
**CABINETMAKING**

tfs

**Biotechnology (ADE Bioscience Program)  
Coherent Sequence**



**Cabinetmaking  
Coherent Sequence**



EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Sous Chef
- Food & Beverage Manager
- Nutritionist
- Personal Chef
- Event Caterer
- Baker/Bakery Manager
- Butcher
- Airline Attendant
- Health Inspector
- Recipe Developer
- Health Coach
- Food Stylist/Food Photographer

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Chef
- Culinary Instructor
- Sommelier
- Dietitian
- Food Chemist
- USDA Inspector
- Family and Consumer Sciences Specialist
- Cooperative Extension Agent
- Entrepreneur
- Chocolatier
- Commercial Kitchen Designer
- Culinary Scientist

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Busser
- Food Runner
- Line Cook
- Fryer
- Cake Decorator
- Dishwasher
- Food Blogger, Writer, Critic
- Cruise Ship Food Worker
- Barista
- Deli Worker
- Server/Host
- Dietary Aide

**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

**CULINARY ARTS**

**tfs**

EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- IT Specialist
- Game Audio Engineer
- Video Game System Designer
- Network Programmer
- Technical Artist
- Software Engineer
- Mobile Engineer
- Mobile Application Developer
- UI Designer
- Web Developer
- UX Researcher
- Research Psychologist

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Game Animator
- Game Designer
- Game Programmer
- Creative Game Director
- Game Artist
- Gamer Marketer/PR
- Quality Assurance Game Tester
- Graphic Designer
- 3D Modeler
- Multimedia Artist and Animator
- Special Effects Artist & Animator
- 3D Animator

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Quality Assurance Tester
- Level Designer
- Junior Game Developer
- Junior Game Designer
- Software Developer
- Audio Engineer
- Interpreter and Translator
- Video Game Tester
- Gamer Artist
- Animator
- Video Game Writer
- Programmer

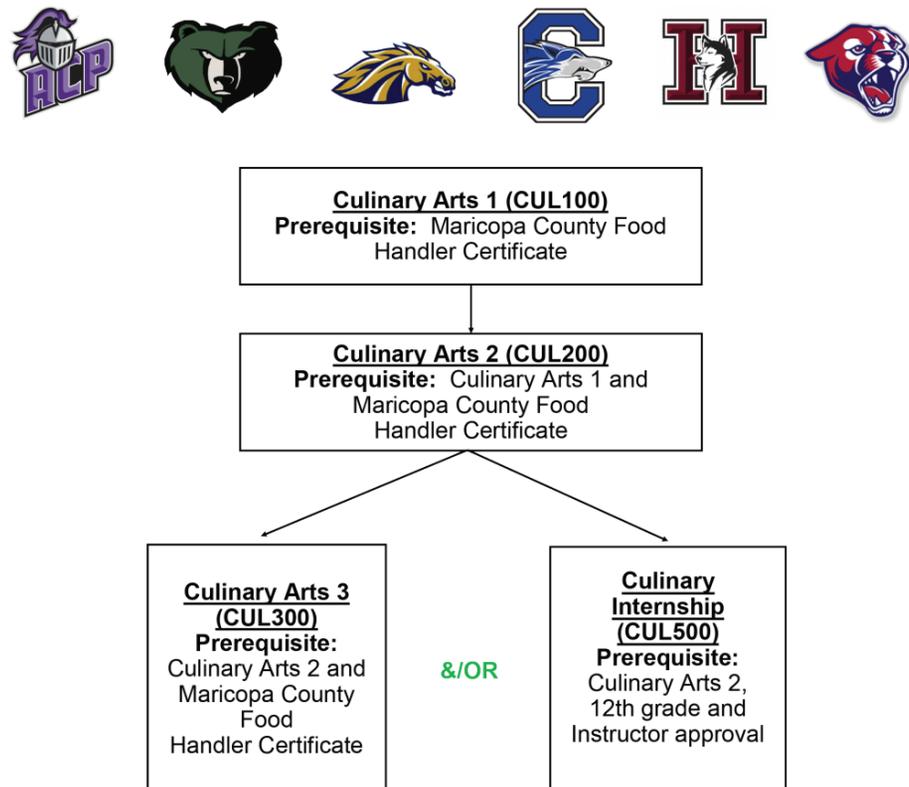
**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

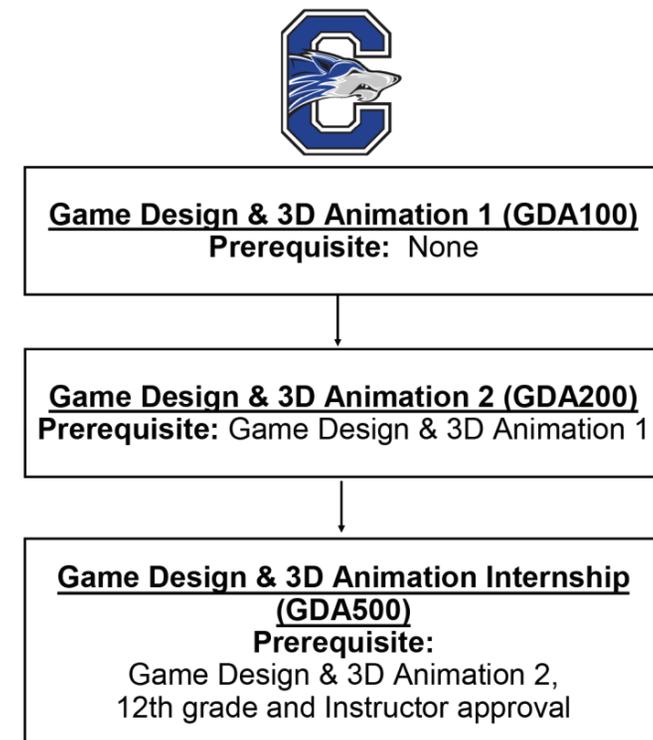
**DIGITAL ANIMATION (GAME DESIGN)**

**tfs**

**Culinary Arts Coherent Sequence**



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



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Contributing Writer
- Copy Writer
- Correspondent
- Editorial Assistant
- Production Assistant
- Features Editor
- General Assignment Writer
- Graphic Designer
- Journalist
- Staff Writer
- Communications Associate
- Web Content Manager

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Desk Editor
- Desktop Publisher
- Communications Specialist
- News Director
- News Editor
- General Assignment Reporter
- Production Director
- Public Relations Specialist
- Sports Information Director
- Sports Editor
- Web Editor
- Publisher

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Advertising Associate
- Advertising Copy Writer
- Blogger/Influencer
- Content Creator
- Content Editor
- Freelance Photographer
- Social Media Coordinator
- Junior Illustrator
- Freelance Graphic Designer
- Public Relations Assistant
- Freelance Videographer
- Community Relations Assistant

ACADEMICS | PROFESSIONAL SKILLS

EXPERIENCES | PASSION

**DIGITAL COMMUNICATIONS**



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Architectural Photographer
- Wedding Photographer
- Marketing Photographer
- Digital Imaging Specialist
- Digital Press Operator
- Print Room Associate
- Retouch Artist
- Photography Technical Writer
- Studio Photographer
- Still Photographer (Movie Sets)
- Lifestyle Photographer
- Forensics Photographer

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Photojournalist
- Photography Editor
- Multimedia Specialist
- Digital Content Creator
- Graphic Artist
- Creative Manager
- Photography Instructor
- Marketing Coordinator
- Senior Retouch Artist
- Art Director
- Associated Press Photographer
- Commercial Photographer

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- School Photographer
- Event Photographer
- Freelance Portraiture
- Photographer's Assistant
- Product Photographer
- Social Media Creator
- Studio Lab
- Drone Photographer
- Landscape Photographer
- Non-Profit Photographer
- Blogger
- Theme Park/Entertainment

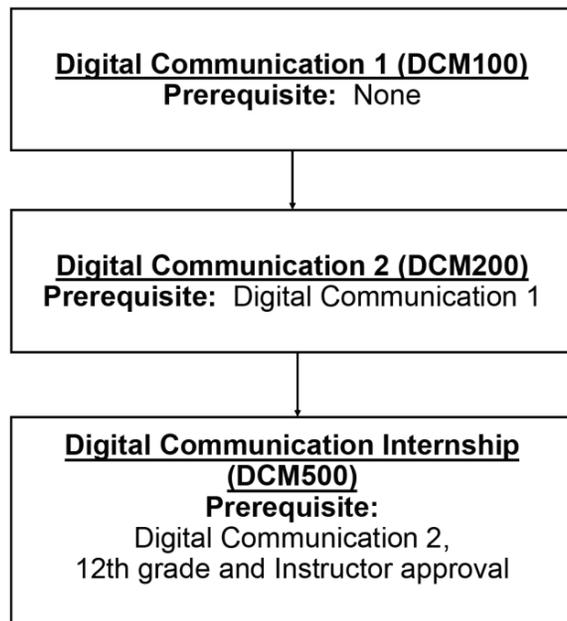
ACADEMICS | PROFESSIONAL SKILLS

EXPERIENCES | PASSION

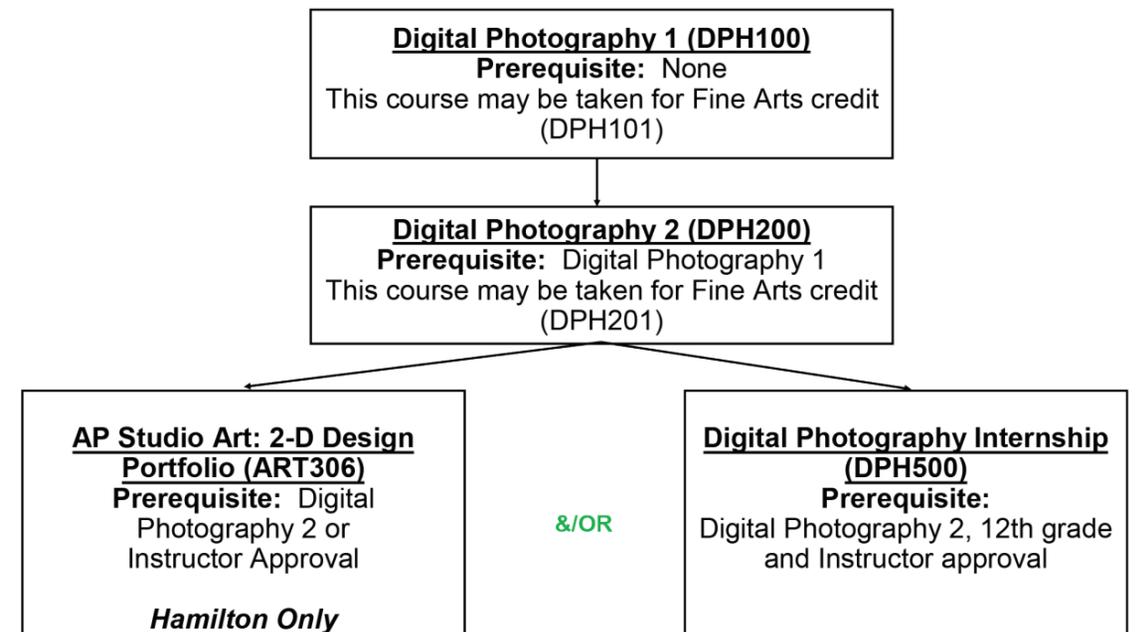
**DIGITAL PHOTOGRAPHY**



**Digital Communication  
Coherent Sequence**



**Digital Photography  
Coherent Sequence**



EDUCATION WITH PURPOSE  
**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Retail Play Consultant
- Children's Toy Designer
- Community-Based Family Program Coordinator
- Childcare Facility Director
- Early Intervention Program Aide
- Licensed Center Lead Teacher
- Coach for Children's Sports
- Developmental Specialist
- Children's Museum Assistant
- Early Head Start Teacher
- Early Childhood Curriculum Writer
- Children's Clothing Designer

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Elementary or Special Education Teacher
- School Counselor
- Pediatrics (Medical/Dental)
- Childcare Licensing Specialist
- Early Intervention Specialist
- Speech/Language Therapist
- Children with Disabilities Resource Consultant
- School Administrator
- Early Childhood Education Coordinator
- Children's Software Designer
- Children's Psychologist
- Play/Art Therapist

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Paraprofessional
- Assistant Teacher/Caregiver (Birth-5)
- Before/After School Elementary Care
- Au Pair/Nanny
- Children's Party Planner
- Home Care Provider
- Youth Camp Counselor
- Children's Author/Illustrator
- Social Service Case Manager Assistant
- Children's Photographer
- Cruise Ship/Resort Childcare Provider
- Respite Care Provider

**ACADEMICS** | **PROFESSIONAL SKILLS**  
**EXPERIENCES** | **PASSION**

**EARLY CHILDHOOD EDUCATION**

**tfs**

EDUCATION WITH PURPOSE  
**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Academic Advisor
- After School Program Director
- Administrative Assistant
- Classroom Paraprofessional
- Child Welfare Specialist
- Camp Director
- Coach
- Associate Preschool Teacher
- Daycare Business Owner
- Media Specialist Assistant
- Substitute Teacher
- Classroom Paraprofessional

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- School Counselor
- Elementary Teacher
- Secondary Teacher
- Child Care Licensing Specialist
- Early Intervention Specialist
- Speech and Language Therapist
- Occupational Therapist
- College Professor
- Curriculum Specialist
- Educational Consultant
- CTE Director
- Media Specialist

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

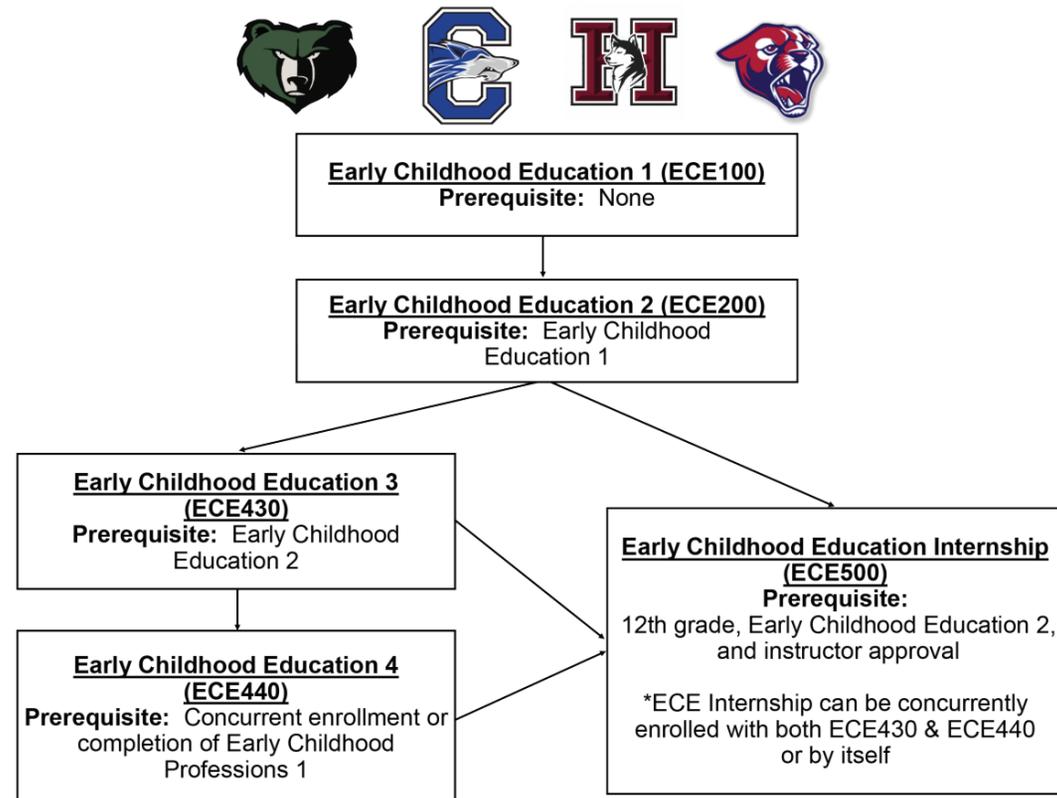
- Activity Camp Assistant
- Assistant Preschool Teacher
- Athletic Ticket Manager
- Child Care Worker/Assistant
- Behavioral Technician
- Bookstore Clerk
- Bus Driver
- Classroom Aide
- Daycare Assistant
- Food Service Worker
- Attendance/Guidance Secretary
- Special Needs Assistant

**ACADEMICS** | **PROFESSIONAL SKILLS**  
**EXPERIENCES** | **PASSION**

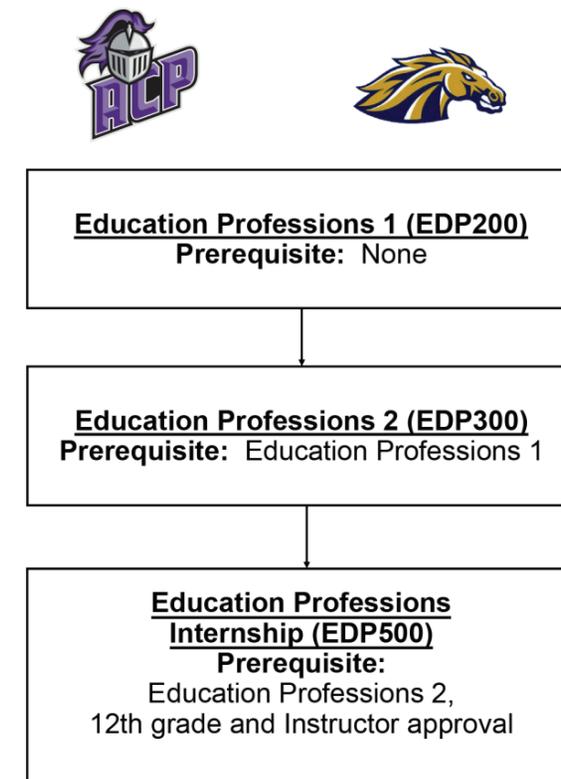
**EDUCATION PROFESSIONS**

**tfs**

**Early Childhood Education  
Coherent Sequence**



**Education Professions  
Coherent Sequence**



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Engineering Technician
- Controls Designer
- Electro-Mechanical Technician
- Robotics Technician
- Quality Control Technician
- Mechatronic Technician
- Plant Maintenance Machinist
- Industrial Mechanic
- Programmer
- CAD Specialist
- CAD Designer/Coordinator
- Millwright

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Mechanical Engineer
- Civil Engineer
- Electrical Engineer
- Chemical Engineer
- Aerospace Engineer
- Biomedical Engineer
- Industrial Engineer
- Program Director
- Plant Manager
- Autonomous Vehicle Engineer
- Engineering Instructor/Professor
- Materials Engineer

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- CAD Technician
- Machinist
- Robotics Technician
- Manufacturing Technician
- Electrical Technician
- Fluid Power Technician
- Production Fabrication
- Programmer
- 3D Printing Technician
- CNC Operator
- Mechanical Draftsman
- Draftsman

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

**ENGINEERING**



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Seamstress/Tailor
- Trend Forecaster
- Merchandiser
- Marketing
- Television & Film Industry
- Material Procurement
- Innovative Tech in Fashion
- Graphic Designer
- Design Consultant
- Fashion Photographer
- Pattern Maker
- Retail Store Manager

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

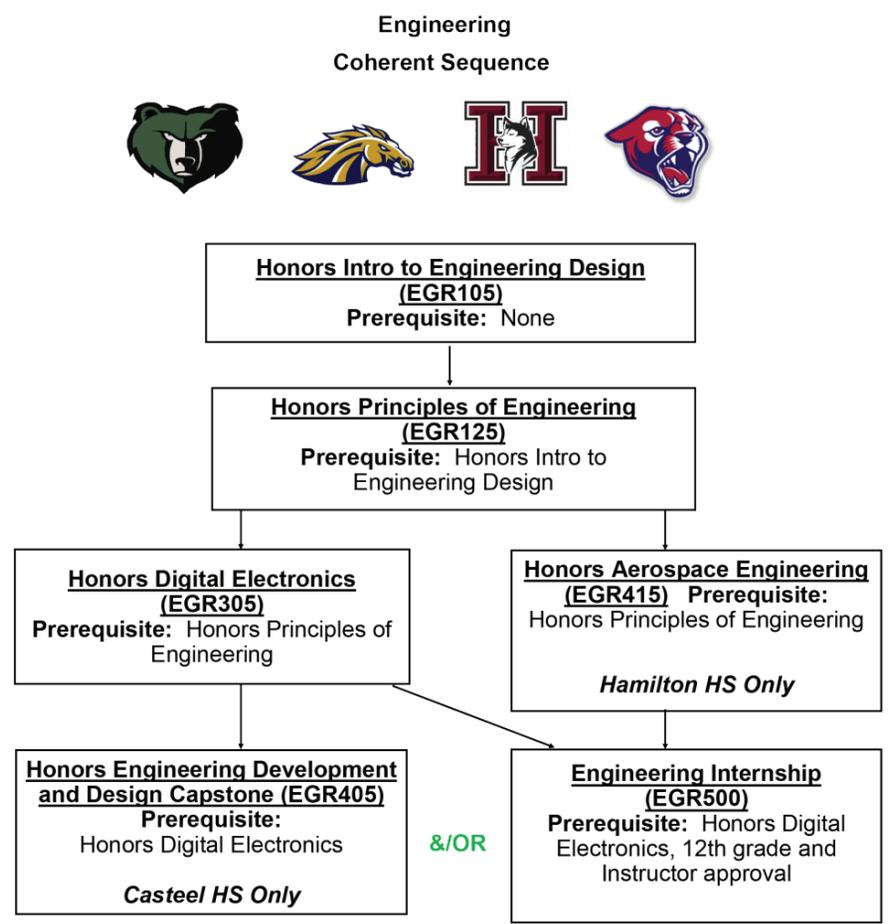
- Event Manager
- Fashion Designer
- Educator
- Entrepreneur
- Personal Stylist
- Public Relations
- Magazine Editor in Chief
- E-Commerce Manager
- Creative Director
- Merchandise Manager
- Design Director
- Textile Buyer

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Retail Sales
- Window Displays/Merchandiser
- Buyer
- Fashion Blogger
- Stock Person
- Ad Writer
- Fashion Show Commentator
- Interior Designer Intern
- Assistant Designer
- Brand Representative
- Sales Representative
- Technical Illustrator

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

**FASHION DESIGN & MERCHANDISING**

EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Technical Director
- Associate Producer
- Videographer/Photojournalist
- Motion Graphics Artist
- Production Manager
- TV Sports Replay
- TikTok Influencer/Host
- Audio Editor/Engineer/Producer
- Visual/Special Effects Artist
- Broadcast Engineer
- Gaffer

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Television/Film Director
- Television/Film Producer
- Executive Producer
- Director of Photography
- Announcer/Reporter/Multimedia Journalist
- Network Director/Producer/Editor/Photographer
- Multimedia Artist/Animator
- Digital Colorist
- Motion Picture Editor
- News Director
- Assistant Director
- Visual Effects Supervisor

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Social Media Coordinator
- Production Assistant
- Studio Camera Operator
- Editor
- Associate Producer
- Assignment Editor
- Audio Technician
- Floor Director
- Writer/Author/Screenwriter
- TV Studio Production
- Voice Over Talent
- Grip

**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

**FILM & TV PRODUCTION**

**tfs**

EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Web Designer
- Motion Graphics Designer
- Typographer
- Senior Graphic Designer
- Game Designer
- Concept Artist
- Packaging Designer
- Textile Designer
- User Experience/User Interface Designer
- Cartoonist/Animator
- Freelance Designer
- Press Operator

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Instructor
- Project Manager
- Account Manager
- Advertising/Marketing Director
- Sports Marketing Designer
- Creative Director
- Logo/Branding Designer
- Sustainability Specialist
- Small Business Entrepreneur
- Production Department Lead
- Mail/Data Specialist
- Art Director

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Customer Service Representative
- Photography Assistant
- Junior Illustrator
- Page Layout Artist
- Junior Graphic Designer
- Finishing/Bindery Technician
- Digital Printing Operator
- Production Assistant-Screen Printing/Vinyl
- E-Commerce Designer
- Social Media Specialist
- Pre-Press Specialist
- Digital Mailing

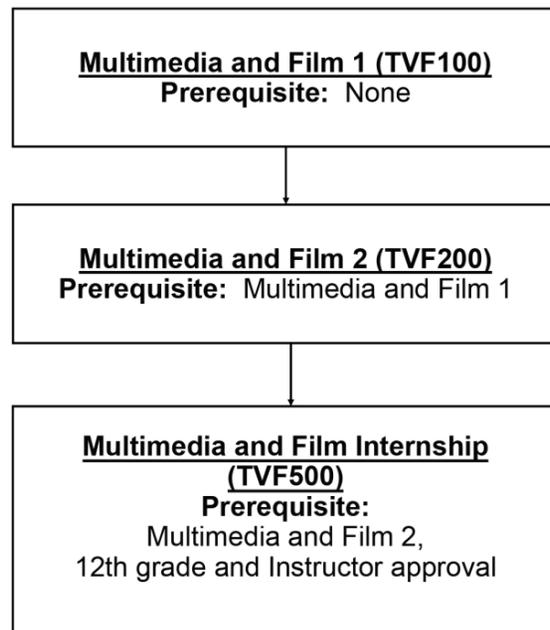
**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

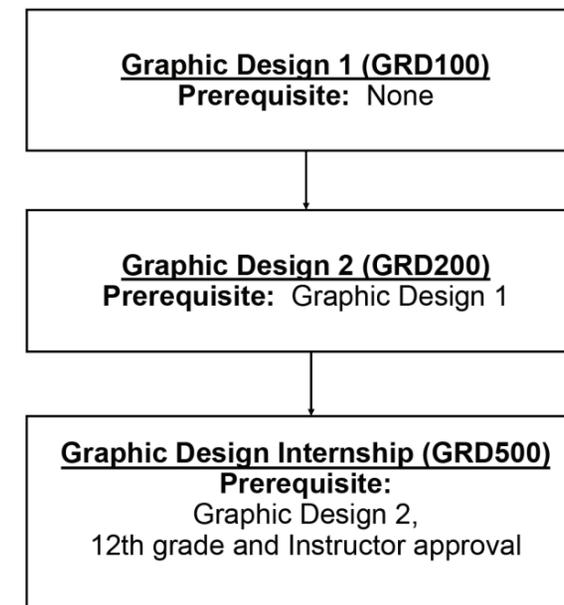
**GRAPHIC DESIGN**

**tfs**

**Film and TV Production  
Coherent Sequence**



**Graphic Design  
Coherent Sequence**



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Marketing Manager
- Human Resource Specialist
- Brokerage Clerk
- Insurance Agent
- Tax Preparer
- Real Estate Broker
- Risk/Loss Management
- Loan Officer
- Social Media Director
- Claims Representative
- Purchasing Manager
- Hospitality Management

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Financial Analyst
- Market Research Analyst
- Personal Investment Advisor
- Certified Public Accountant CPA
- Public Relations Specialist
- Human Resource Specialist
- Investment Manager
- Supply Chain Manager
- Sports and Entertainment Agent
- Green Energy Manager
- Computer Information Technology Manager
- Compliance Manager

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Entrepreneur
- Sales Representative
- Event Planner
- Personal Sales
- Merchandise Display and Window Trimmer
- Advertising Sales Agent
- Patient Representative
- Help Desk Technician
- Bank Teller
- Bookkeeper
- Desktop Publisher
- Customer Service Representative

**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

**MARKETING**



EDUCATION WITH PURPOSE

**CAREER TREE**



**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Information Security Analyst
- Penetration & Vulnerability Tester
- Helpdesk Manager
- CyberOps Analyst
- Cyber Defense Analyst
- Cyber Defense Incident Responder
- Digital Forensics Analyst
- Cyber Crime Investigator
- Network Technician/Administrator
- Software Developer
- Network Security Analyst
- Cloud Architect

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Cybersecurity Architect
- Cybersecurity Engineer
- Chief Information Security Officer
- Cybersecurity Consultant
- Cybersecurity Administrator
- Application Security Engineer
- Network Engineer/Architect
- Systems Security Manager
- Cryptographer/Cryptanalyst
- Cyber Legal Advisor
- Multi-Disciplined Language Analyst
- Database Administrator

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Security Specialist/Tech
- Incident Analyst/Responder
- Computer Hardware Technician
- Cyber Forensic Specialist
- Network Cabling Technician
- Junior Penetration Tester
- Helpdesk Technician
- Junior Software Developer
- Software Quality Assurance Tester
- Desktop Support Technician
- Computer Systems Analyst
- Security System Administrator

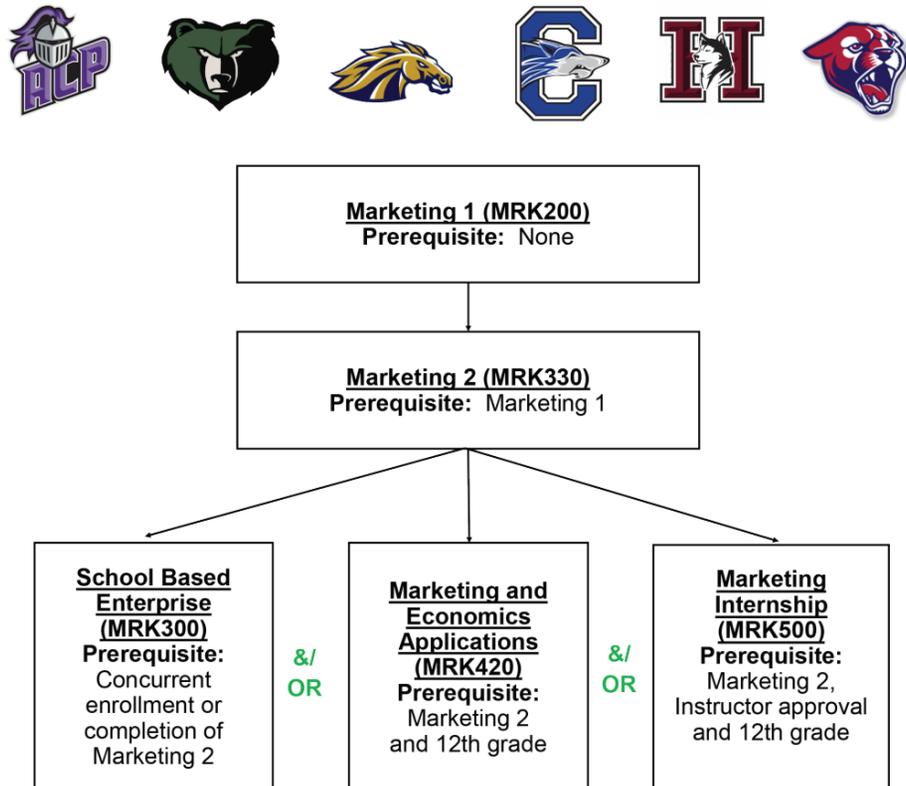
**ACADEMICS** | **PROFESSIONAL SKILLS**

**EXPERIENCES** | **PASSION**

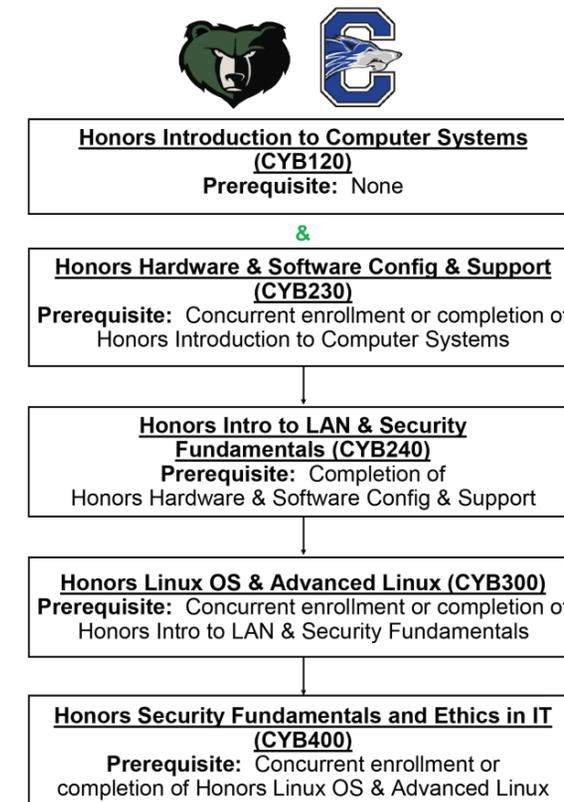
**NETWORK SECURITY**



**Marketing Coherent Sequence**



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



EDUCATION WITH PURPOSE  
**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Massage Therapist
- Licensed Practical/Vocational Nurse
- EMT/Paramedic
- Certified Billing & Coding Specialist
- Certified Medical Transcriptionist
- Surgical Technician
- Physical/Occupational Therapy Assistant
- Respiratory Therapist
- Personal Trainer
- Pharmacy Technician
- Phlebotomist
- Medical Imaging (MRI, CT, DEXA, Ultrasound)

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Registered Nurse
- Registered Dietician
- Biomedical Engineer
- Chiropractor
- Healthcare Administrator
- Pharmacist
- Dentist
- Physician/Doctor/Surgeon
- Physical/Occupational Therapist
- Veterinarian
- Social Worker
- Nurse Practitioner/Physician's Assistant

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Certified/Licensed Nursing Assistant
- Medical Assistant
- Medical Scribe
- Medical Receptionist
- Home Health Aide
- Private Caregiver
- Veterinary Assistant
- Patient Care Tech
- 911 Emergency Dispatcher
- Yoga Instructor
- EKG Technician
- Pharmacy Aide

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

**NURSING SERVICES**

**tfs**

EDUCATION WITH PURPOSE  
**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Cyber Security Technician
- Network Analyst
- Database Manager
- Network Administrator
- Quality Assurance Tester
- Penetration Tester
- Database Architect
- Web Administrator
- Digital Forensics Analyst
- Web Interface Designer
- Technical Writer
- App Developer

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Computer Scientist
- STEM Teacher
- Network Engineer
- IT Analyst
- Software Engineer
- Network Architect
- Information Security Analyst
- Software Developer
- Quality Assurance Analyst
- Game Developer
- Project Management Specialist
- Video Game Designer

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- IT Support Technician
- Network Technician
- Entry Level Programmer
- Digital Designer
- Video Game Tester
- Tech Support Representative
- Webmaster
- Computer Hardware Technician
- IT Technician
- Computer Systems Admin
- Business Analyst
- Web Designer

ACADEMICS | EXPERIENCES | PROFESSIONAL SKILLS | PASSION

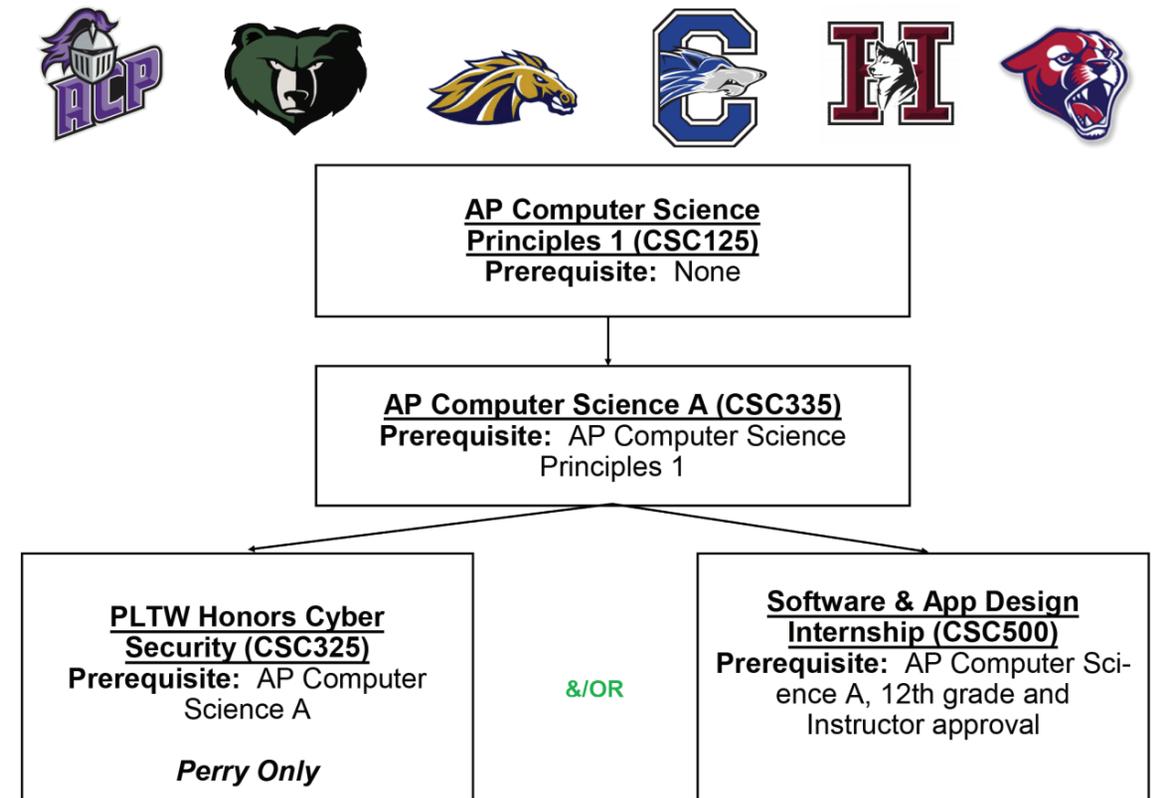
**SOFTWARE & APP DESIGN**

**tfs**

**Medical Professions (ADE Nursing Services Program)**  
Coherent Sequence



**Software & App Design**  
Coherent Sequence



EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Physical Therapy Technician
- Certified Strength and Conditioning Specialist
- EMT
- X-Ray Tech
- Ultrasound Tech
- Medical Assistant
- Veterinary Technician
- Phlebotomist
- Dental Assistant
- Orthotic Fitter
- Respiratory Therapist
- Surgical Technician

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Certified Athletic Trainer
- Orthopedic Surgeon
- MD/DO
- Physician Assistant
- BSN-Nurse
- Paramedic
- Physical Therapist
- Radiologist
- Pharmacist
- Nurse Practitioner
- Nutritionist
- Anesthesiologist

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- Massage Therapist
- Surgical Sales Rep
- Pharmaceutical Sales Rep
- Home Health Aide
- Emergency Room Technician
- Firefighter
- Occupational Therapy Aide
- Rehabilitation Aide
- Medical Secretary/Receptionist
- Certified Nursing Assistant
- Dispatcher
- Veterinary Assistant

**ACADEMICS**      **PROFESSIONAL SKILLS**

**EXPERIENCES**      **PASSION**

**SPORTS MEDICINE & REHABILITATION**

**tfs**

EDUCATION WITH PURPOSE

**CAREER TREE**

**CHANDLER UNIFIED SCHOOL DISTRICT**

**TECHNICAL CAREERS**  
(Apprenticeship, Associate's Degree, Advanced Certification, Experience, etc.)

- Audio Engineer
- Board Op/Rigger
- Costume Shop Supervisor
- Event & Venue Manager
- Hair Stylist/Makeup Artist
- House & Box Office Manager
- Master Carpenter
- Master Electrician
- Projectionist
- Props Manager
- Stage Manager
- Scenic Charge Artist

**PROFESSIONAL CAREERS**  
(Bachelor's, Master's, Ph.D., Specialized Training, Experience, etc.)

- Artistic Director
- Arts Management
- Costume Designer
- Hair & Makeup Designer
- Lighting Designer
- Marketing Director
- Production Manager
- Projection Designer
- Scenic Designer
- Sound Designer
- Teacher/Professor
- Technical Director

**ENTRY-LEVEL CAREERS**  
(with Program Completion)

- A/V Tech
- Assistant Stage Manager
- Box Office Clerk
- Carpenter
- Event Staff
- Gaffer/Gripper
- Production Assistant (P.A.)
- Props Maker
- Roadie/Run Crew
- Scenic Painter
- Usher & Concessions
- Wardrobe Assistant

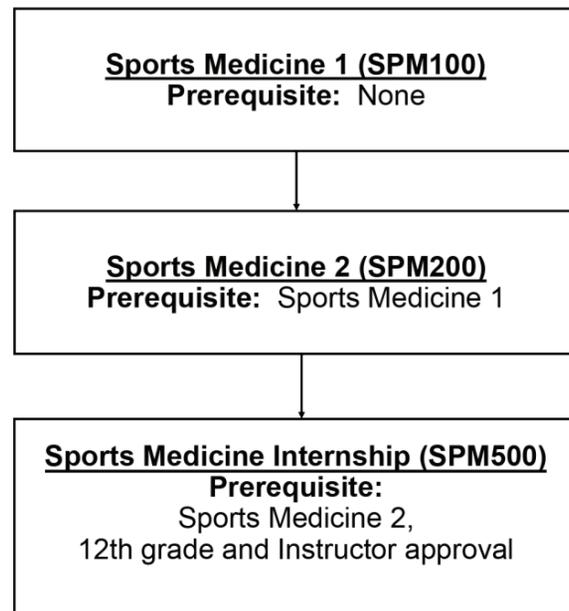
**ACADEMICS**      **PROFESSIONAL SKILLS**

**EXPERIENCES**      **PASSION**

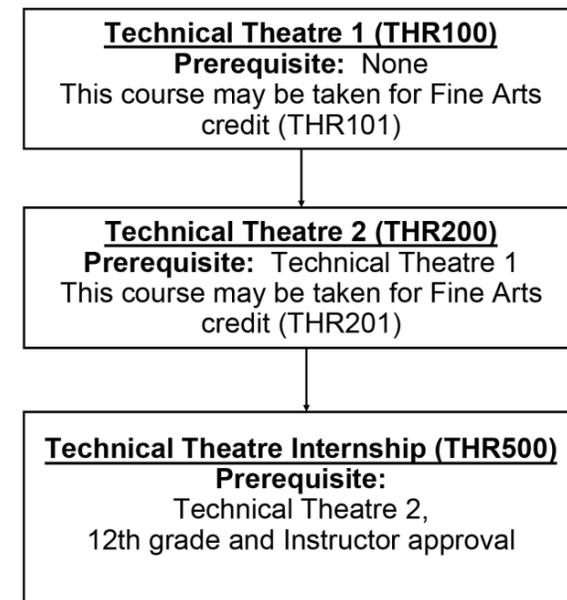
**TECHNICAL THEATRE**

**tfs**

**Sports Medicine and Rehabilitation  
Coherent Sequence**



**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 Digital 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 Health 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 transportation to and from clinical training site

## Internships

### Criteria for Instructor Approval & Student Requirements

***Enrollment for internship 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 12th grade (a senior) and at least be 16 years of age.
3. Students must complete 90 internship hours per semester, outside of their normal school day in a paid or unpaid position related to their program area.
4. 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](http://www.cusd80.com/nondiscrimination)

Dr. Craig Gilbert  
Associate Superintendent  
1525 W Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

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](http://www.cusd80.com/nondiscrimination)

Dr. Craig Gilbert  
Superintendente asociado  
1525 W Frye Rd.  
Chandler, AZ 85224  
(480) 812-7630

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

# MEET THE CTE DEPARTMENT

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/ Ed Professions  
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