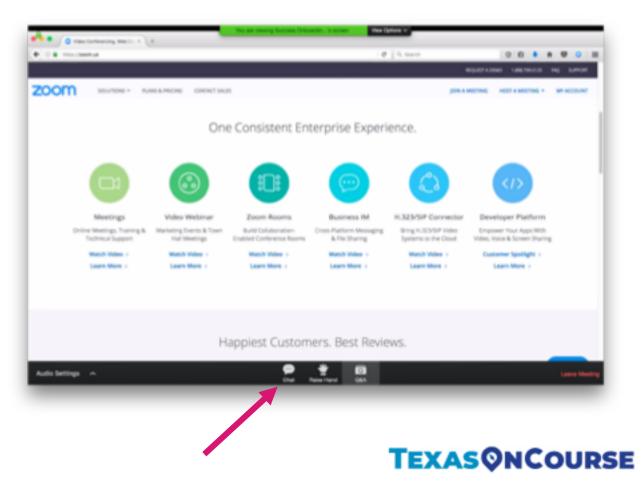
Welcome!

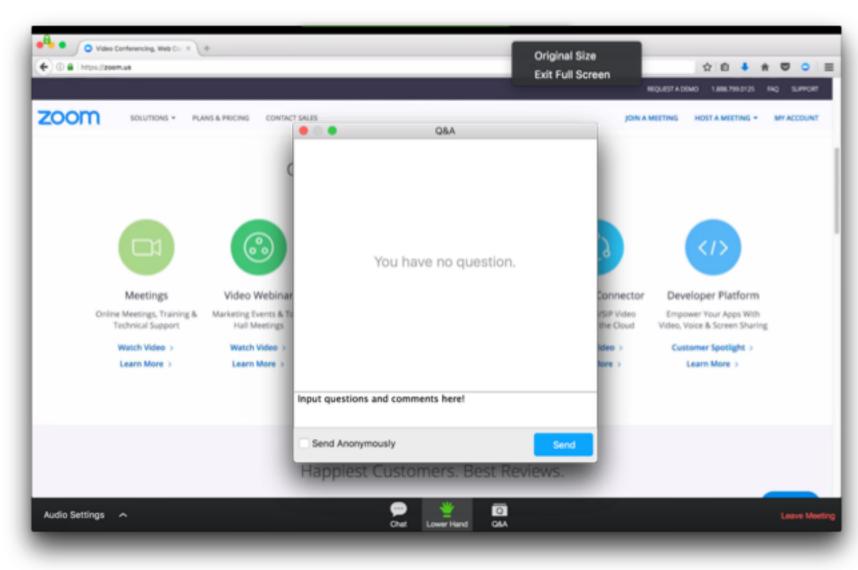
While we wait for everyone to get started...

- Use the chat box to say hello and tell us your name!
- Next, in the spirit of our recent snow here in central Texas, what is your favorite activity to do on a snow day?

We will start at 10:00 a.m.!



Participation and Interaction





Alternatives to Four-Year Degree Programs

With Texas OnCourse, all Texas students, no matter where they come from or where they're headed, have a plan for success after high school.



Don't forget to like and subscribe on YouTube! YouTube



Texas OnCourse 182 subscribers

youtube.com/c/TexasOnCourse



• Welcome Texas OnCourse Resource Spotlight Samantha Gonzalez, Content and Resources Future Focused Texas Danielle Gunder, GetSchooled Texas Certification Programs Jarrad Toussant, Texas Education Agency Community College Programs • Estrella Barrera, Austin Community College District Perspectives Crystal Castaneda, Harlingen Consolidated ISD Questions and Discussion

Lara Gueguen

Assistant Director of Program Implementation Texas OnCourse





Samantha Gonzalez

Content and Resources Program Manager

Texas OnCourse



Danielle Gunder

Senior Program Manager GetSchooled/Future Focused TX

Jarrad Toussant

Division Director College, Career, and Military Prep Texas Education Agency



Estrella Barrera

Associate Dean Health Sciences Austin Community College Eastview, Round Rock, Elgin







Crystal Castaneda

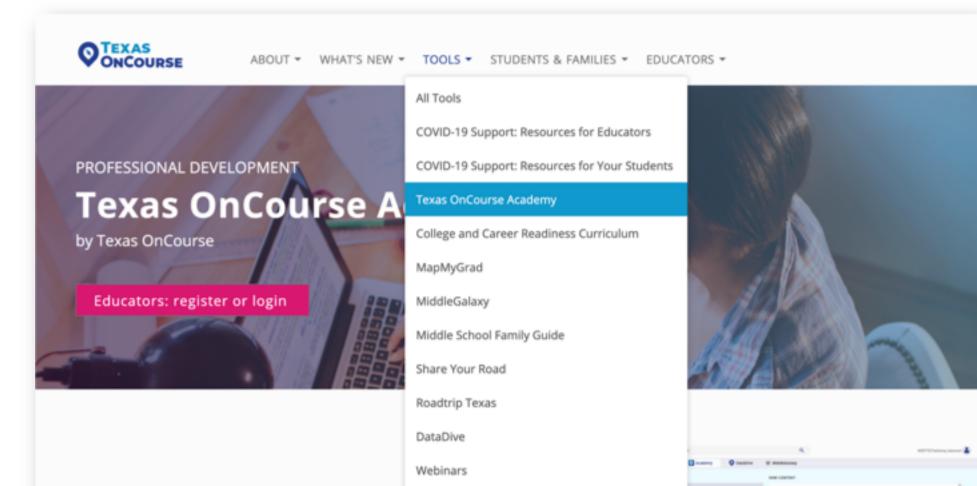
Texas OnCourse Fellow Harlingen Consolidated ISD

What comes to mind when you think of alternatives to four-year degree programs

Please type your responses in the chat box.

Resources Spotlight

Resources that Support Exploring Alternative Opportunities



01 FAFSA Preparation

0 -----

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III Workshi Dreetlary

Free online professional development

Become the go-to source for career and college planning. The Academy has over 30 learning modulos on endorsements, graduation plans

TEXASØNCOURSE

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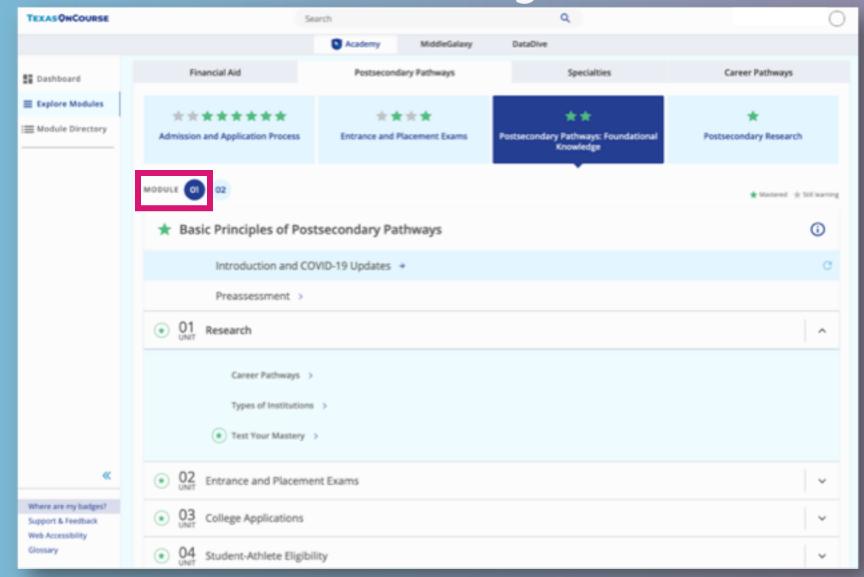
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Common Application (Common Ap

Academy Dashboard

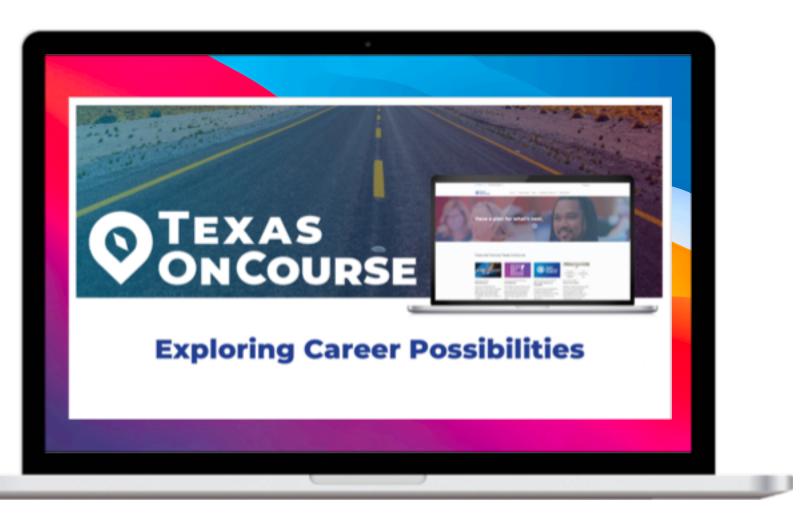
TEXASQNCOURSE	Search		۹	0
	0	Academy MiddleGalaxy	DataDive	
E Dashboard	LAST UNIT VISITED		NEW CONTENT	
Explore Modules	BASIC PRINCIPLES OF POSTSECONDARY PATHWAYS			
I Module Directory	Additional Resources		There are no upd	ated modules
	CONTINUE MY PROGRESS			
	Financial Aid	**		2
	Postsecondary Pathways	ADMESSION AND APPLICATION PROC	255 ENTRANCE AND PLACEMENT EXAMS	POSTSECONDARY PATHWAYS: POUNDATIONAL KNOWLEDGE
	Specialties			
Where are my badges? Support & Feedback Web Accessibility	Career Pathways	POSTSECONDARY RESEARCH		VIEW MY BADCES AND CERTIFICATES
Gossary				

Basic Principles of Postsecondary Pathways



Academy Learning Resource: Career Possibilities

- Unit 1 of Basic
 Principles of
 Postsecondary
 Pathways module
- Connecting interests to careers



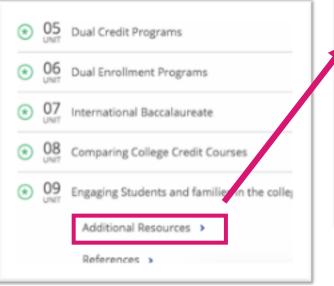
Additional Resource: Roadtrip Nation Career Finder

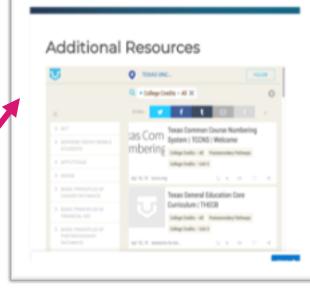
- Recommends careers and majors based on interests
- Provides a summary of top majors and careers
- Links to BigFuture for further exploration

Career Exploratio Starts With Y See careers come to life through stori from people who've been in you	OU Internet ies and advice	
	Finder	
CollegeBoard		

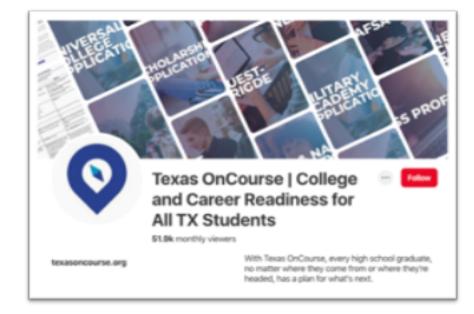
Texas OnCourse Academy Modules

Additional Resources





Pinterest.com/TexasOnCourse



New Learning Resource: Postsecondary and Career Opportunities

- Resource is a part of the parent and guardian project
- Illustrates education and experience that students can pursue

Postsecondary and Career Opportunities

Towas Caroos Cluster	Examples of Postsecondary Opportunities		
Texas Career Cluster	Education Opportunities	Career Opportunities	
Agriculture, Food, and Natural Resources This career cluster focuses on the essential element of life - food, water, land, and air.	High School Industry Certification: Certifie Veterinary Assistant Certificate/License: Certified Professional Public Buyer Associate Degree: Welding Technology/Welder Bachelor's Degree: Food Science and Nutrition Master's/Doctoral Professional Degree: Agronomy and Crop Science	 Welder Soil and Plant Scientists Production and Operations Supervisors Zoologists and Wildlife Biologists 	unities pportunities
Architecture and Construction This career cluster focuses on designing, planning, managing, building, and maintaining the built environment.	High School Industry Certification: Autode Certified Professional or User in AutoCAD Certificate/License: Certified Professional Estimator Associate Degree: Electrician Bachelor's Degree: Mechanical Engineering Master's/Doctoral Professional Degree: Construction Management	k +Architects • Telecommunication Line Installers and Repairers • Cost Estimators • Plumbers, Pipefitters, and Steamfitters	alysts and Marketing ions Managers nistrative Support ters
Arts, Audio/Video Technology, and Communications This career cluster focuses on careers in designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services.	High School Industry Certification: Apple Logic Pro X Certificate/License: Commercial Audio Technician Associate Degree: Graphic Design Bachelor's Degree: Radio and Television Master's/Doctoral Professional Degree: Cinematography and Film or Video Productio	Film and Video Editors Sound Engineering Technicians Graphic Designers Multimedia Artists and Animators	I Education Teachers ters feachers rators
1	EXASONCOURSE		ors stem Operators, Refine gers
transmission, and d alternative energy.	Bachelor's D and Manager	egree: Business Administration hent, General ctoral Professional Degree:	rs, Oil and Gas

Danielle Gunder

GetSchooled/Future Focused TX







Supporting College Enrollment in Texas During COVID-19



TxCAN











college forward

CAMPAIGN MISSION

The Future Focused Texas Campaign's mission is to support college enrollment in Texas for the Classes of 2020 & 2021. The Campaign aims to maintain college enrollment rates in Texas despite the effects of COVID-19. Through a statewide engagement and social media campaign providing research-based content and resources the campaign will support Texas students persist in their educational journeys.

FOCUSED

Registration

Officially register for campaign to receive content and communications





How to Practice Self-Care When You Return to School

Last updated September 13, 2020

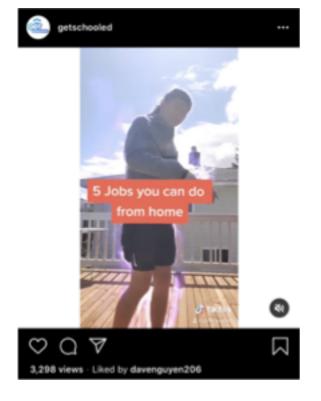
It's important to remember the time you spend on and with yourself is valuable and essential to your overall well-being. This could be as simple as finding ways to mentally check in with yourself every day. If you're not sure how to get that one-onone connection with yourself on a daily basis, consider these helpful tips:

Start and end your day with meditation

A simple two to five-minute meditation will improve your mind, body and spirit. Meditation helps reduce anxiety and stress, improve concentration, increase focus, balance your emotions, and has several proven health benefits like lowering blood pressure, reducing pain, strengthening your immune system, and improving selfesteem. Check out "How to Meditate for Beginners".

Ask yourself these questions every day

 What is my purpose today? Think about what drives you and what ignites your passion. What makes you feel focused, valuable and impactful? Take a few minutes to think about your goals and adjust your path accordingly to reach them.



Youth-friendly Videos

Meaningful

Content

Powerful Social

Informed by Research, Data & Best Practices

Alternative Pathways



Get to College



Alternative Pathways

Explore other options after high school. Learn about community college, joining the military, going to trade school, or taking a gap year.

Community and Technical Colleges

5 Reasons To Consider Community College

Thinking about applying to community college?

How to Be Successful in Community

Community College Can Be A Great Option

Getting started at a 2-year college - Detroit College Challenge

Transferring From A Community College

Get to College

what is an Accrenticeship

and How Do They Work? Enlisting in the U.S.

Military

 Branches of the U.S. Military

See the whole series -*

VIDEOS

Let Get Schooled help you achieve your goals Sign Up

.og In

Top 10 Trade Jobs Right

Last updated January 5, 2021

You might hear a lot of people telling you college is the only way to have a successful life and career. That is just not true. For all of you who would prefer to explore other paths after high school, we want to give you the inside scoop on trade jobs that pay really well. Check out our list of the top 10 trade jobs right now.

Dental Assistants - Assist the dentist. They clean teeth and take srays. Dental Assistants will be there to prep the patient before the Dentist takes a look at your teeth. They also prep the medical instruments and equipment. You would be good as a Dental Assistant if you are: Interested in medicine and dentistry, have a strong grasp of English, active listening skills, and are customer service oriented. Median Pay: \$35,000 to \$54,999 Projected Number of Jobs: 50,000 or more

Hairdressers/ Cosmetologist - Can shampoo, cut, and color hair. They can also apply makeup or provide nail and skin care services. You would be good as a Hairdresser/Cosmetologist if you: have great hand dexterity to manipulate scissors, hair, and brushes, are interested in sales and marketing for promoting products and services, and like to solve problems. Median Pay: Less than \$25,000 Projected Number of Jobs: 50,000 or more





Jarrad Toussant

Texas Education Agency



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Industry-Based Certifications

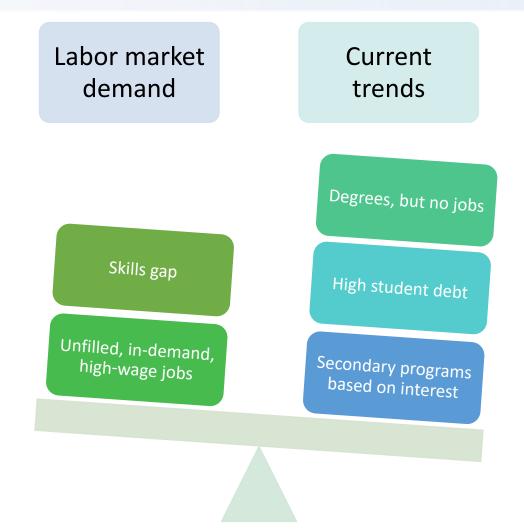


Aligning Texas's Educational Goals with Its Diverse Industry Needs and Opportunities

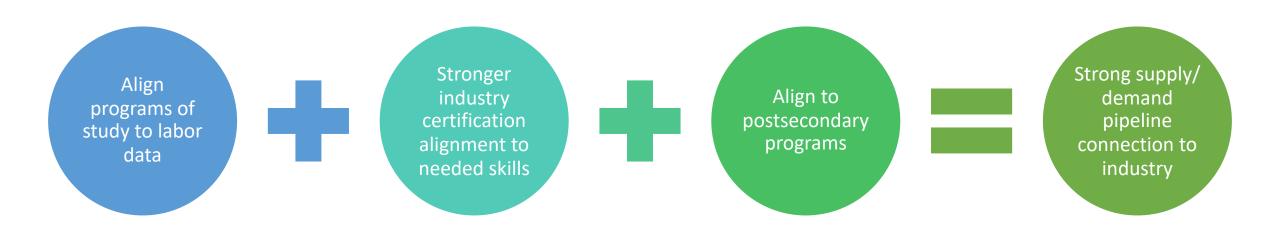




Mismatch Between Labor Supply Pipeline and Demand







TEAL Background: Industry-based certifications for public school accountability

House Bill 2804 (84th Texas Legislature, 2015) requires the state to include the percentage of students who earn an industry certification in Domain IV (College and Career Readiness) of the state's accountability system.

House Bill 22 (85th Texas Legislature, 2017) requires the state to adopt a set of indicators to measure and evaluate school districts and campuses with respect to ensuring students attain the appropriate skills and learning to ensure their preparedness for success in subsequent grade levels and in entering the workforce, the military, or postsecondary education.

• Initial List of 73 certifications







Background: Industry-based certifications for public school accountability

House Bill 2729 (85th Texas Legislature, 2017)

The Texas Education Agency (TEA), Texas Higher Education Coordinating Board, and the Texas Workforce Commission were tasked with developing an inventory of industry certifications as a part of House Bill 2729, 85th Texas Legislature, Regular Session.

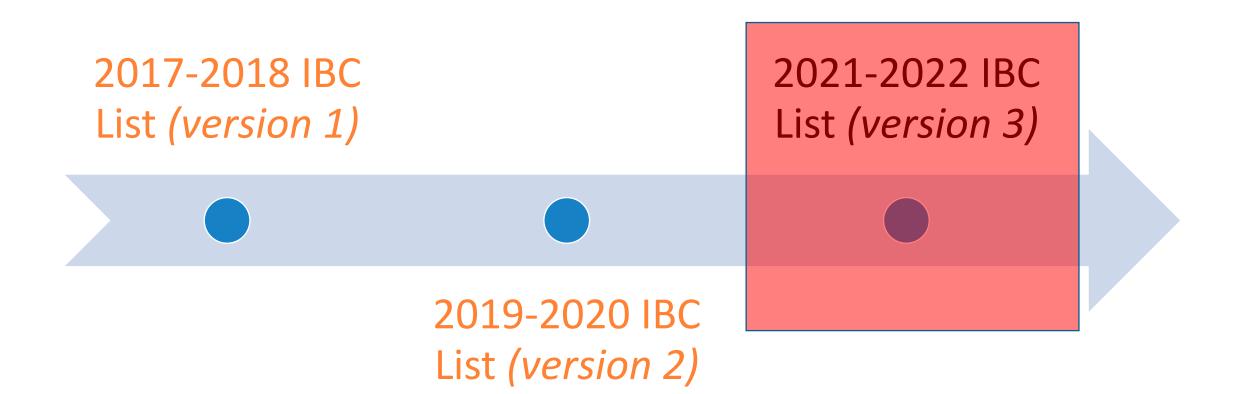
The certifications reflect the current list of industry certifications recognized in Domain 1 of TEA's accountability system.

• Initial List of 73 certifications



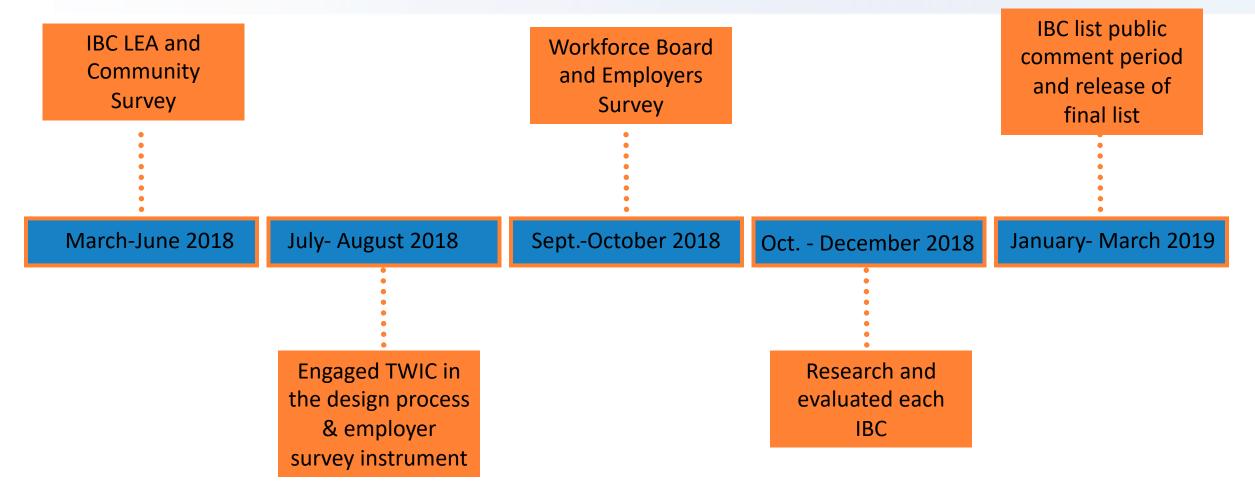








Background: 2019-2020 Industry-based certifications for public school accountability







Identify & Verify IBCs: Timeline

Industry certification survey (March)

Process creation for vetting certifications with Texas Association of Workforce Boards (TAWB) and Regional WDA Boards (June)

Review vetted list with TAWB, TWIC, TWC, and WDA Advisory Board to finalize (September)





Industry-Based Certifications Criteria



Industry Recognized

 National or international businesses, industries, professional organizations, state agencies, government entities, or statebased industry associations are familiar with the certification and know of it.

Industry Valued



Employers within an industry sector signal the value of the occupation-specific certification by: (a) including the certification in job postings as required or highly recommended; (b) using the certification as a factor in selecting candidates for an interview and/or hire; and/or (c) offering higher pay for those who possess the certification.



Third-party provider

 The assessment of the certification is provided by/signed off by an independent, third-party certifying entity using predetermined standards for knowledge, skills, and competencies.



Capstone

 Certification is offered at the conclusion of an aligned course, and/or at the conclusion of a student's successful completion of a program of study in a secondary career and technical education program.



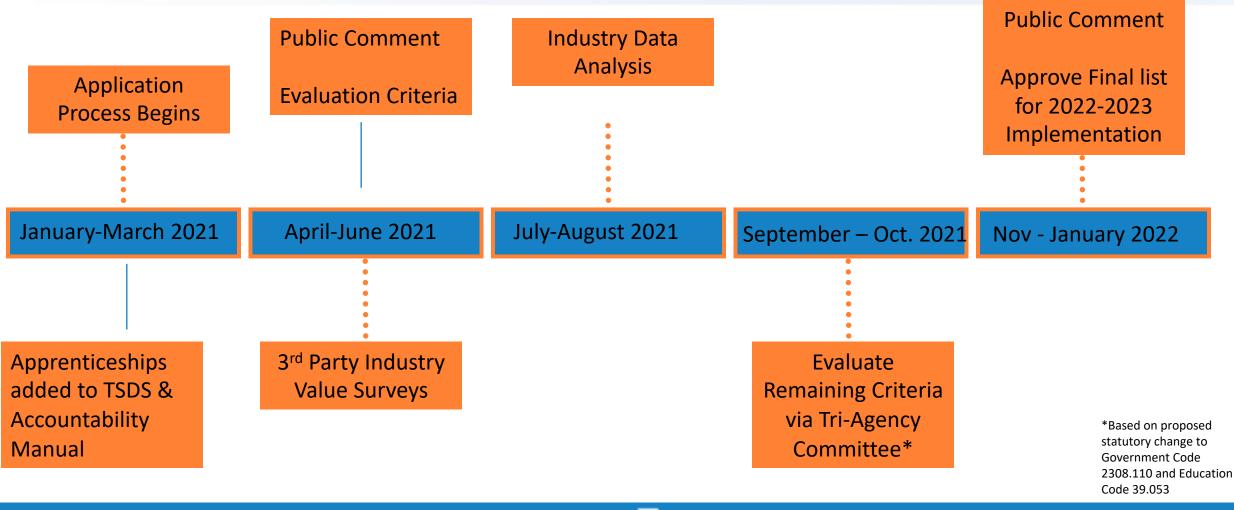
Attainable by HS students

 All eligibility requirements (e.g., age and experience) are met and the certification is awarded before or within the summer after a student's high school graduation.

Transferable

 Stackable and portable as evidenced by: (a) transferring seamlessly to postsecondary work through acceptance for credit or hours in core program courses at an institution of higher education; (b) counting toward hours in an aligned apprenticeship program; (c) being a part of a prescribed coherent sequence of industry recognized credentials to show progressive skills development and/or (d) fostering mobility across employers within the same industry.







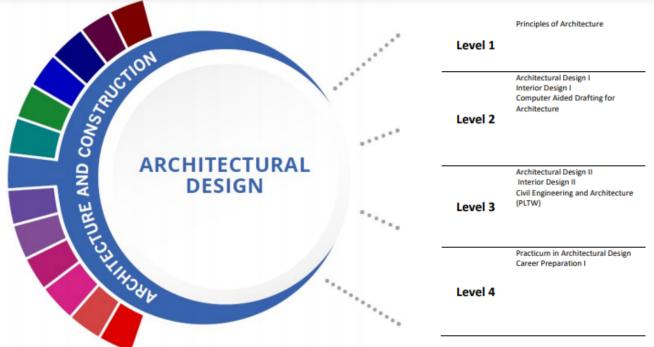
TEA Industry-Based Certification Resources

- 1-page document for each certification
- Information included:
 - Helpful Links
 - Certification Price
 - Study Materials & Resources
- Industry-Based Certification
 1 page resources
- Industry-Based Certification Reimbursement FAQ

Certified Cardiographic Technician INDUSTRY-BASED CERTIFICATION DESCRIPTION The Certified Cardiographic Technician examination content is based on the findings of a job task analysis which describes the overall tasks that a CCT is expected to perform on the job and general areas of knowledge that are needed to perform the tasks. Examination content was developed by subject matter experts in the cardiovascular profession. The CCT ECG, Holter Monitoring, and Stress Testing Certification exam measures the following general areas of knowledge: Heart size, location, layers, chambers and valves. Additional knowledge needed relates to blood flow, cardiac value function, the cardiac cycle, and the relationship of cardiac output to heart rate and stroke volume. Healthcare Diagnostics Specific duties and tasks relating to ECG and Stress Tests include performing a resting ECG, both 12 and 15 lead, performing ambulatory monitoring and performing rhythm analysis and analyzing the data obtained. Additional duties, tasks and areas of knowledge can be found on the Cardiovascular Credentialing International website at the following link http://www.cci-online.org **CERTIFYING ENTITY** ADDITIONAL INFORMATION Exam Name: Certified Cardiographic Exam Site: Pearson Professional Technician Center or PearsonVUE authorized testing cente Cardiovascular Credentialing Internationa Exam Website: Exam Price: \$175 (\$100 http://www.cci-online.org/CCI/Certificati non-refundable) ons/CCT.aspx Candidate Requirements: http://www.cci-online.org/CCI/Certificat Number of Questions: 130 questions ions/CCT.aspxNew_ContentCollection (110 scored, 20 unscored) OrganizerCommon=1#New_ContentC ollectionOrganizerCommon ٢ 919-861-4539 Questions Type: Multiple Choice Study Materials & Resources: http://www.cci-online.org/CCI/Certificat ions/CCT.aspxNew_ContentCollection http://www.cci-online.org/ Exam Time: 2 hours OrganizerCommon=3#New ContentC ollectionOrganizerCommon TEA Texas Education Agency Division of College, Career and Military Preparation May 2019

Industry-Based Certification and CTE Programs of Study Protector Level 1

IBCs aligned to each CTE Secondary Program of Study are listed on the <u>Programs of Study</u> Framework Resources



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Autodesk	Certified	Architecture	Architecture	Architecture
Certified	Photogrammetric			
Professional or	Technologist			
User in AutoCAD				
Autodesk	Certified	Interior Design	Interior Design	Interior
Certified	Development,			Architecture
Professional or	Design &			
User in AutoCAD	Construction			
Civil 3D	Professional			
Autodesk	National Council	Civil	Civil	Civil Engineering,
Certified	Certified Interior	Engineering,	Engineering,	General
Professional or	Designer	General	General	
User in Autodesk				
Revit Architecture				
Autodesk	LEED AP Building	Geographic	Geographic	Geographic
Certified	Design &	Information	Information	Information
Professional or	Construction	Science and	Science and	Science and
User in Autodesk		Cartography	Cartography	Cartography
Revit MEP				
Electrical				

Additional industry-based certification information is available on the TEA CTE website. For more information on postsecondary options for this program of study, visit TXCTE.org.

Occupations	Median Wage	Annual Openings	% Growth
Architects	\$77,043	808	16%
Geographic Information Analysts and Surveyors	\$58,926	162	27%
Architectural/ Civil Drafters	\$50,170	1,068	9%
Construction Managers	\$87,402	2,401	14%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES		
Exploration Activities:	Work Based Learning Activities:	
Shadow an architect, interior designer, or civil engineer. SkillsUSA	Intern at an architecture firm.	



CTE Coherent Sequence Coursework Transition	Accountability Years	
CCMR Indicator	2019 and 2020	2021 and Beyond
CTE coherent sequence graduates who complete and receive credit for at least one aligned CTE course	½ point	
Earn an industry-based certification	1 point	1 point



The CCMR bonus uses a more rigorous standard for CCMR than the academic accountability system:

- > College:
 - Texas Success Initiative (TSI) score on SAT/ACT/TSI Assessment (TSIA) and
 - Earned an associate degree prior to graduation *or* enrolled in college by the fall immediately after high school graduation

> Career:

- ✓ TSI score on SAT/ACT/TSIA and
- Received an industry-based certification / Level I / Level II certificate

> Military:

- Armed Services Vocational Aptitude Battery (ASVAB) passing score <u>and</u>
- Enlisted in U.S. Armed Forces after graduation

Austin Community College District

• Start Here. Get There.



Areas of Study

- More than 100 programs in 10 areas of study:
 - Arts, Digital Media & Communication
 - Business
 - Computer Science & Information Technology
 - Culinary, Hospitality & Tourism
 - Design, Manufacturing, Construction & Applied Technologies
 - Education
 - Health Sciences
 - Liberal Arts
 - Public & Social Services
 - Science, Engineering & Math

https://www.austincc.edu/academic-and-career-programs

Awards

Associate degrees Certificates

https://www.austincc.edu/academic-and-careerprograms

Labor Market Information

Program	Hourly Wage	Currently Employed	4-year Growth Projections
Dental Hygienists	\$36.42	1,282	11.7%
Sonographers	34.02	547	11.9%
Physical Therapist Assistants	32.46	437	14.2%
Registered Nurse	32.27	15,512	10.3%
Occupational Therapy Assistants	30.73	168	16.7%
Radiologic Technicians	26.58	1,123	8.6%
Surgical Technologists	22.48	653	9.8%
Licensed Vocational Nurse	22.01	4,099	8.2%
Medical and Clinical Laboratory Tech	19.68	746	11.7%
Emergency Medical Tech & Paramedics	19.17	1,284	11.5%
Health Information Technology	16.05	1,431	9.0%
Pharmacy Technician	15.12	2,413	8.5%
Veterinary Technologist	13.62	1,112	9.3%

1-Source: Emsi (Economic Modeling Specialists International), a CareerBuilder company

Highlight: Health Sciences

https://www.austincc.edu/academic-and-career-programs/areas-of-

study/health-sciences

Program	Associate Degree	Certificate
Associate Degree Nursing	2	
Dental Hygiene	1	
Radiology	1	4
Sonography	2	2
Emergency Medical Professions	1	3*
Health Information Technology	1	
Medical Lab Technology	1	2*
Occupational Therapy Assistant	1	
Pharmacy Technician	1	1*
Physical Therapist Assistant	1	
Surgical Technology	1	1
Vocational Nursing		1

*Part of the ACC Health Science Academy program (EMT, Phlebotomy and Pharmacy Tech)

Courses required in most Health Science programs

- ENG 1301
- MATH 1314 or MATH 1342
- BIOL 2401 A&P I and BIOL 2402 A&P II or some programs will accept BIOL 2404 (Intro to A&P)
- PHIL 2306 Ethics
- PSYC 2301
- SPCH 1311 or some program will require SPCH 1318

Highlight: Health Science Programs with Certificates

- PHARMACY TECHNICIAN LEVEL 1
- PHARMACY TECHNICIAN LEVEL 2
 - 30-32 credit hours

- EMERGENCY MEDICAL TECHNICIAN INSTITUTIONAL CERTIFICATE
 - 6 credit hours (certification earned is required for Level 1)
- ADVANCED EMT LEVEL 1
 - 19 credit hours
- EMT PARAMEDIC LEVEL 2
 - 44 credit hours

HEALTH SCIENCES ACADEMY

- Health Science Academy with local high schools
 - Phlebotomy
 - Start as Juniors (finish in Spring of Senior Year)
 - Pharmacy Tech
 - Start as Seniors (finish in Summer after Senior Year)
 - EMT
 - Start as Seniors (finish in Spring of Senior Year)

https://www.austincc.edu/academic-and-career-programs/dualcredit-programs/career-programs/career-academies/healthsciences-academy

Contact for High School Programs

Leticia Gonzales, Coordinator High School Programs Career & Job Readiness Igonzal4@austincc.edu 512-223-7066

Additional Information

- If interested in health science programs get a copy of immunization documentation from school nurse--this is documentation that many students find difficult to get if they haven't had a consistent healthcare provider.
- Health Sciences Virtual Open House coming soon.

Start Here Get There

"There's something for everyone at Austin Community College. Credentials earned at ACC include associate degrees, university transfer credits and careertechnical certificates. Follow a clear program map to ensure you take the right classes to reach your unique goal."

District Practices

Crystal Castaneda, Harlingen Consolidated ISD



HCISD Partnerships

- Texas State Technical College-Harlingen • TSTC Application Drives, presentations and field trips
- Texas Southmost College



 HCISD partners with Texas Southmost College to provide college credit courses to Harlingen High School and Harlingen High School South students.
 By participating in our Dual Enrollment Program, students save money and become prepared for college-level courses.

• The University of Texas Rio Grande Valley

 O Under the guidance of UTRGV professors, ECHS students earn up to 60 hours of college credit by the time they graduate high school.



Building relationships with TSTC-Harlingen

- Texas State Technical College programs offered
 - High interest programs for our students: Welding, HVAC, mechanics, dental hygiene
 - Examples of programs at TSTC: Cybersecurity, Education and Training, Robotics Technology
 - \odot Discussing entry level salaries of certificate programs
- TSTC application drives and presentations in CTE classes



HCISD and certification programs



- Firefighter program
 - Working side by side with the Harlingen Fire Department, students in the Firefighters Academy will earn 468 hours of credit towards two certifications.
 - \odot Starting salary for firefighters in our area is \$48,000 per year
 - \odot Certifications: Firefighter 1 & 11 Training and EMT certificate
- CMA program
 - \odot Working along side physicians/students take practicum senior year off campus \odot Starting salary \$29,000 per year

Law Enforcement

- \odot Certifications: 911 Emergency Communicator
- \odot Salary can range from \$20-\$30 an hour as students work their way up
- Various job opportunities once students complete police academy

TEXASONCOURSE

What best practices have you used to help students prepare for alternative opportunities to four-year degree programs?

Additional Questions

Feel free to type your questions in the chat box.

TEXASONCOURSE



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Texas OnCourse 182 subscribers

youtube.com/c/TexasOnCourse

Thank You

Stay tuned for our email follow-up with all of this information. Take care and stay healthy and safe!

TEXASØNCOURSE