

# CTEEDIRECTIONS

# Career and Technical Education (CTE) News and Information

**November 2018** 

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Career and Technical Education provides all students access to high-quality, rigorous career-focused programs that result in attainment of credentials with labor market value.

#### **Utah CTE Career Pathways: 2019-2020**

The <u>2019-2020 Utah CTE Career Pathways</u> are now available online. Career Pathways are a coordinated, non-duplicative sequence of secondary and postsecondary courses that incorporate challenging, state-identified academic standards and address academic and technical knowledge, as well as employability skills which are aligned to the needs of industries in the state, region, or local area. A Career Pathway progresses in content specificity, has multiple "entry and exit points" that allow for stackable credentialing, and ultimately culminates in the attainment of a recognized postsecondary credential.

There are 60 CTE Career Pathways for the 2019-2020 school year. Each Career Pathway chart shows the required foundation courses and the elective courses. Students who successfully complete the required 3.0 credits in a specific Career Pathway are considered a CTE Secondary Pathway Completer. Many districts recognize these students at graduation with a CTE Secondary Pathway Completer Recognition Award. High school juniors and seniors, ask your school counselor if you're on track to receive an award.

For the 2019-2020 school year, there are five new CTE Career Pathways within four Career Clusters. They are: Engineering & Technology: <u>Aeronautical Engineering</u>, <u>Manufacturing Engineering</u>, <u>Materials Science</u> | Information Technology: <u>Cybersecurity</u> | Manufacturing: <u>Medical Innovations</u> | Transportation, Distribution & Logistics: <u>Aviation Maintenance Technology</u>

## **Utah Computer Science K-12 Framework**

The Utah State Board of Education (USBE) recently formed a Computer Science Task Force to establish a vision for computer science in the Utah Public Education System. The Task Force identified a strategic plan, including six recommendations, to successfully implement computer science education within the K-12 education system. In June 2018, the strategic priorities (six steps) established by the Task Force to accomplish this vision were presented to the Board and were subsequently approved. The priorities are:

- Develop and implement a statewide K-12 framework for computer science.
- Start early by engaging students at the elementary level.
- Develop a statewide strategy to communicate the value of computer science.
- Build capacity among educators at pre-service and in-service levels.
- Improve upon current course requirements to scaffold computer science learning within the K-12 education system.
- Ensure students have access to five of the 10 most popular computer science courses currently offered, including Computer Programming 1, Computer Science Principles, Gaming Development Fundamentals, Exploring Computer Science 1, and Web Development 1, regardless of geography.

Learn more about the Utah Computer Science Framework at https://www.schools.utah.gov/cte?mid=3363&tid=5.

ADA Compliant: November 2018

# Career and Technical Education News and Information – Page 2

### **UtahFutures American Graduate Project**

The UtahFutures American Graduate project "Considering Careers? Consider This!" continued throughout the month of October. Each student success video, featured on <u>UEN-TV</u>, focused on helping more Utahns make well-informed decisions about education and career. The collection of videos can be view at <a href="https://www.uen.org/americangraduate/videos.shtml">https://www.uen.org/americangraduate/videos.shtml</a>.

Check out the <u>Outreach Kit</u> developed by UtahFutures that is loaded with content to raise awareness of resources and strategies that are helping Utahns find meaningful employment in high-demand, high-wage occupations.



### **Utah College Application Week**

<u>StepUp Utah</u>, in partnership with higher education, will sponsor the <u>Utah College Application Week</u> (UCAW) during November. The goal of UCAW is to provide every high school senior with the opportunity to complete a college or university application during the school day. Representatives will assist seniors on how to navigate the college admissions process.

High school seniors, talk to your school counselor about applying for college during your high schools scheduled Utah College Application Week. Education is the key to opening doors to your future. Remember: College = 1, 2, 4, or More. Which one is right for you? A one-year certificate, a two-year associate or technical degree, a one-year bachelor's degree, or more (a graduate or professional degree).

## **Student Highlight**

Chanse Paskins is a student at Mountain Crest High School and is a HOSA state officer. He attributes his success in high school to CTE. Here is his story.



"I have taken many CTE classes. In fact, it is what led me to my desire to be a future health professional. Without CTE I never would have become the person I am, personal or professional. I am exceedingly grateful for the guidance I have received from CTE and I hope to continue the progress I have made. Whether it be anatomy or EMS (emergency medical services) classes, or just being involved in CTE. I hope to use this to further my educational milestones. I am so happy that CTE gave me these opportunities, as it has made me who I am today.

What is your CTE story?

#### **CTE Month**

Save the Date: CTE Month is February 2019. The Utah theme for CTE Month is "I am CTE." CTE Month resources will be available on the Web in December, so plan now to celebrate CTE Month in your school and classroom.

#### Calendar:

November 1: Utah State Board of Education Meeting - 250 East 500 South - Salt Lake City, UT

November 5: Northern Utah STEM Expo - Wasatch Front North Region - Davis Conference Center - Layton, UT

November 8: Utah State Charter School Board Meeting - 250 East 500 South - Salt Lake City, UT

Utah CTE Calendar | ACTE Calendar | Utah School Calendars







