

## **Monday, November 16, 2020, 4:45 – 5:30 PM**

### **FAITE Best Practices - Robotics Summer Camps**

*Presenters: Dr. Marilyn Barger, Shirley Dobbins, Desh Bagley*

### **Innovative Business Engagement in a Virtual World**

Hear from this industry partner how they have engaged during COVID with Cyber Security Career Academies in California and Florida. These Career Academies offer students a four-year CTE-focused pathway designed to help them acquire education, skills, and credentials necessary to succeed in the IT and cybersecurity industry. During this session you will experience a virtual cybersecurity classroom and engage with the cybersecurity instructor. You can connect to our cloud to explore the cybersecurity curriculum, teacher resources, hands-on labs, and student activities. Learn how we have overcome obstacles to deepen our Industry partnership and ensure that students and teachers succeed.

*Presenter: Randy Ramos, GBSi CEO*

### **Welcome, FAAE Business, Committee Meetings**

This session will consist of a brief welcome, update on FAAE business, and then breakout into the following committee's for meetings: Finance, Professional Development, Marketing, Public Policy & By-Laws, Member Services

*Presenter: Brittany Coleman*

### **Creating Access to Health Careers through your CTE program**

Allied health professionals, which make up more than 60% of the healthcare industry workforce, play a critical role within healthcare institutions. Providing students with the knowledge and skillsets to take on jobs in healthcare continues to be a priority for educators.

When students enroll in CTE programs with the intention of working in a healthcare career, they learn that they can truly make an impact. It provides access to hands-on experience, increased postsecondary attainment opportunities, and can empower them to enter a high-wage, high-demand profession.

Allied health professionals play a critical role within healthcare institutions. Learn how to develop pathways to certification and healthcare employment.

1. Identify the best certifications to align with your program
2. Help your students prepare to work in the healthcare profession
3. Create curriculum that aligns with the workforce demands

*Presenter: Ashley Carlson*

## **Monday, November 16, 2020, 5:30 – 6:15 PM**

### **Overcoming workplace challenges as an Immigrant**

Being an immigrant myself, I had to face a lot of challenges joining the workforce and learned a lot overcoming those challenges. As an Immigrant, we're constantly dealing with communication, language, culture and social challenges. As a student or a migrant skilled

worker, you are already dealing with visa issues, limitations on the reach out, not having family or friends or a mentor, not having the resources, and more so, not aware of the resources you have. Let's talk about them.

*Presenter: Pujyani Nepal*

### **Online Curriculum for every CTE Classroom - CEV Multi-Media**

Come learn about iCEV's online curriculum resources for all CTE subject areas. Easy to use course management tools, automatic testing & grading and timesaving lesson plans make classroom implementation a breeze, while thought provoking student projects and interactive activities enhance student learning and retention. Through the completion of regular coursework, students can earn industry backed certifications including several that have been added to CAPE. In-depth career exploration as well as college and career readiness lessons are also included in this all-encompassing curriculum resource. A drawing for attendees will be held for a free year's subscription with free student licenses!

*Presenter: Scott Weller*

### **Powerful partnerships with Ford NGL**

Business Partnerships in 2020 have opened a world of opportunities in how educators, students, and business partners stay connected! This interactive workshop provides you tips and resources to keep partnerships thriving, even during the impact of social distancing and shutdowns. You will hear innovative ways that Ford NGL communities are engaging their business partners with their students. Walk away with tools and resources connected to Ford NGL's Powerful Partnership Blueprint.

*Presenter: Paula Chaon*

### **TOPIC: IT Fundamentals – Creating a starting point for your school in Information Technology**

Learn how TestOut's courseware can help your school/district implement a successful IT program and help students gain the IT and Computer Science skills jobs require today. Learn more about how TestOut is helping recruit and train teachers to be successful in the classroom and help their students pass industry certifications on the CAPE funding list. All attendees will be given free preview access to TestOut courseware.

*Presenter: Travis Wilde*

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## **Tuesday, November 17th, 2020, 4:45 – 5:30 PM**

### **Developing a New CTE Teacher Survival Kit**

Providing new CTE teachers support and direction is critical to their success in the classroom and important to any school district interested in developing and maintaining quality programs. This session provides a framework for developing a quality CTE introduction program.

*Presenter: Chip Leonard*

### **FAITE Best Practice Award Winners Panel**

Panelist will share some of their Award Winner Best Practices and contributions to STEM/Manufacturing education

*Presenters: Alan Zube, Shannon Guzman, Todd Thuma*

### **Automation of Industry Certs into your FOCUS system**

Pinellas County Schools will share the vision and the development of a fully automated system to take Certiport industry certification data and update student records in FOCUS Student Management System. Discussion of the use of Exam Groups and Program Numbers to precisely update records with exception reporting and verification.

*Presenters: Steve Plummer, Sheri Bohm*

### **Virtual World of Distance Learning**

We're living in a virtual world, and companies are Zoom-ing around a little differently. While our online course management system NCCERconnect, Pearson eTexts, and training webinars have always been key players in our virtual training game, we're making some serious moves to offer the most comprehensive and accessible training possible. Check it out:

- **REMOTE PROCTORING:** We're offering a temporary remote proctoring system for knowledge-based tests through our online portal. Pretty cool, right? To date, we've proctored ... wait for it ... over 1,000 tests!
- **VIRTUAL TRAINING RESOURCES:** With the help of our friends from ACTE, CTE, DeWalt, Lenox and Miller, we've put together a virtual hub of tips, videos, materials, lesson plans and much more (no, seriously, it's impressive) for you to access.
- **INSTRUCTOR FORUMS:** We know how awesome you all are. So, we decided to introduce you to one another. This forum allows instructors to collaborate, network, and share ideas for creative and effective training. More colleagues, friends, and ideas? Sign me up!
- **FREQUENTLY ASKED QUESTIONS:** As we dive into the virtual world, there are a lot of questions. And chances are you aren't the only one asking them. So, we compiled FAQs addressing online curriculum, testing and much more for quick and easy reference.

*Presenters: Dan Belcher, Workforce Development Director, and Nicole Kitler, Workforce Development Manager*

### **Florida FFA Update**

*Presenter: Ronnie Simmons, Executive Secretary/Director Florida FFA Association*

## **Tuesday, November 17th, 2020, 5:30 – 6:15 PM**

### **Constructing Bright Futures and Forever Homes: A Partnership with Habitat for Humanity**

Discover a magical partnership that provides high school students with real world experiences, connects them with mentors in high demand trades, and boosts student confidence while building a home for a family in need. Presenters will highlight key strategies that lead to technical skills, leadership experience, apprenticeships, industry certification, and scholarship attainment for underserved students in rural Florida. This will be a fast-paced and interactive session with a question/answer period at the end.

*Presenter: Lynnea Weissman*

### **Drones in Education & Society: Build them, Program them, Fly & Drive them, Fix them, repeat.**

Minds-I Drones Curriculum, preparing individuals with all the skills required to build, program, fly and repair ground and air drones. Flight content to have embedded FAA107 Certification, 2020 SKILLS USA Competition challenge this year: "Asteroid Exploration & Mining"

*Presenter: Scott Weller*

### **Virtual Business Experience for the Entrepreneur**

Broward County Schools teams with both VE (Virtual Enterprise) and NFTE (Network for teaching Entrepreneurship) to provide seamless curriculum throughout school feeder patterns! The success of a pilot program in Broward that gives students a virtual business experience and entrepreneurial skills at the same time. Workshop will discuss the pilot from inception to execution and how success was measured.

*Presenter: Christie Carbone*

### **FLDOE Update & Florida FFA Foundation Update**

*Presenters: Kaitlin Vickers, Florida Department of Education, Scarlett Jackson, Florida FFA Foundation*

## **Wednesday, November 18th, 2020, 4:45 – 5:30 PM**

### **It's Never Too Early to Start: Exploring CTE at the Elementary Level**

When you think of STEM, it's likely you think of science, technology, engineering, and math, all rolled into one. Integrating STEM into Career and Technical Education expands opportunities for young learners to engage in some of the most exciting realms of discovery and technological innovation and inspires young students to start looking at potential pathways to their future.

*Presenter: Rebecca Miller*

### **Manufacturing Credentials and Apprenticeship Updates for Remote Learning**

This presentation will focus on Florida's push to diversify the economy and close the workforce skills gap by providing needed training in two high demand industries.

We will discuss Florida's leadership role in implementing the recently updated MSSC CPT credential to include aspects of Industry 4.0 for Manufacturing and updates and new credentials that support the logistics and supply chain sectors. This presentation will also introduce a new Apprenticeship sponsored by FloridaMakes for entry level workers that uses the MSSC CPT credential for the related instruction portion of the competency bases program and can be used across the state.

*Presenters: Marilyn Barger with FLATE/FloridaMakes and Mark Gaudio-Regional Manager with D.C. Jaeger Corporation*

### **Bulb Digital Portfolios Help Districts with CTE Requirements, Hybrid Learning & More**

bulb Digital Portfolios is helping Florida schools and institutions around the world to help students to meet instructional/program requirements but more importantly create a body of work that will follow them for life.

During the pandemic, bulb has worked with districts to build out virtual internships, externships, mentorships and college/career applications through digital portfolio templates (CTE, Perkins, NAF, Capstones, IB, HB7071). We are not a Learning Management System. We do everything they don't do.

Everything created, curated, shared and showcased in and through bulb will follow the student (and teacher) for life.

*Presenter: Andrew J. Cary, Senior Vice President*

### **Certiport: Learning Doesn't Have to Happen in the Classroom (90 mins)**

In this session, we will discuss 5 main topics. They are:

1. Updates from Certiport including new exams, learning products, and changes to old exams.
2. Changes that are occurring with the CAPE list for the 2020-2021 school year and beyond, how they affect you, and how to navigate them.
3. Certiport Exams from Home capabilities and how to best take advantage of them for the coming school year.
4. Learning Curriculum and Programs that work well whether you are in the classroom or remote.
5. Teaching techniques used by experts from across the country. Find out how they keep students engaged, informed, and positive!

All attendees will leave this session with various classroom strategies to keep students engaged, an understanding of what is new with the CAPE list and Certiport's programs, and how you can take advantage of Certiport's offerings (Exams from Home and Learning Products) to prepare for teaching in the classroom or remote!

*Presenter: N/A*

## **Industry Certification Update (FNGLA & AEST)**

*Presenter: Merry Mott, FNGLA, Keitha Bennett AEST*

### **Wednesday, November 18th, 2020, 5:30 – 6:15 PM**

#### **Codesters in a CTE Classroom and Python Certification**

Codesters is the online platform that makes it easy for any teacher to quickly launch a coding class, even if they don't have a background in coding. We give teachers a highly scaffolded, project-based curriculum with engaging real world coding projects that put students on a path to college and career. Codesters NEW Prep Course for MTA Python Certification is now available and meets all standards for FL. CTE Departments.

*Presenter: Elyssa Rosen*

#### **Student success with SolidWorks CAPE Certification & additive manufacturing**

Student success with the SolidWorks CSWA, CSWP CAPE Certifications – Tools, tricks and tips that work. All attendees will receive a voucher for a free 3D print of an original student design (5"x5"x5" max). Metal & multiple materials plastics 3D models will be displayed. Drawings will be held for free SolidWorks Licenses.

*Presenter: Scott Weller*

#### **CIW Social Media Strategist and CIW and ICT Updates**

In this session we will go over some of the updates that have occurred with CIW and ICT. We will also spend some time going over the new Approved Social Media Strategist, Data Analyst, and User Interface Certification programs.

*Presenter: Erik Barrantes, Director of Sales Operations*

#### **Tips and Tricks for Teaching Online**

Explore ways to make online teaching a success for you and your students! This session will cover some dos and don'ts for online instruction.

*Presenter: Heather Nesbitt*

### **Thursday, November 19th, 2020, 4:45 – 5:30 PM**

#### **Integrating Leadership Soft Skills into Your CTE Program**

Do your students understand the importance of vision, diplomacy, coaching or team building? Whatever career path they choose, employability skills, or soft skills, will help them succeed as leaders. In this webinar, we share tips and best practices for integrating the leadership skills into any CTE program to teach students the soft skills they'll need for leadership beyond the classroom. Learn three best practices and activities that you can use immediately to apply them in your teaching.

*Presenter: Carole Williams*

## **MindTap for Distance Learning: Industry-aligned Curriculum and Simulations for CTE**

MindTap is the online solution for CTE courses with a full, interactive eBook, annotation & study tools, auto-graded assignments and data analytics. Learn about key tools for a distance learning experience like the ReadSpeaker, course customization, the gradebook, and hands-on simulations that allow students to practice industry skills for courses like Accounting, Microsoft Office, PC Repair & IT, Health Science, Construction Trades, Automotive and more. MindTap can be purchased by student, or as an online subscription to over 200 CTE MindTap courses, allowing teachers to pull from multiple titles and resources during the school year for your career cluster.

*Presenter: Abby Hess, Product Marketing Manager, National Geographic Learning, a part of Cengage*

## **Covid-19 Impact on the Food Supply Chain, Pork Production Facility Tour (90 min)**

Google Trends© indicates Concerns about Food are major issues for consumers: Food Availability, Nutrition and Safety.

An experienced speaker, who is an active farmer or livestock veterinarian, will explain how the food chain delivers food from farms to local grocery stores. The presentation will review the food supply chain, COVID-19's impact on the food industry and the food safety practices employed to produce nutritious food on the farm and beyond. The presentation will conclude with a virtual tour of a pork production facility.

*Presenter: Brandon Gunn, Executive Vice President Texas Pork Producers Association*

## **Thursday, November 19th, 2020, 5:30 – 6:15 PM**

### **CompTIA IT Fundamentals+ - The Gateway to a Technology Career**

With the goal of providing a broad overview of the information technology landscape, CompTIA's IT Fundamental's was updated and revised at the end of 2018. This test is now being used in hundreds of schools across the country to provide students with an entry level introduction to technology. Join Alan Rowland from CompTIA's Academic Partner program for more information on how to deploy this curriculum in your classrooms.

*Presenter: Alan Rowland Director, Business Development*

### **FAITE Business Meeting**

*Presenter: Steven Roberts*

### **Growing the Hand That Feeds You: Cultivating Feeder School Relationships**

Perkins V and US educational trends have created new opportunities for school districts to offer career exploration/development experiences into middle schools as a means for connecting classroom activities with students' evolving interests, talents and aspirations. This session will include best practices for incorporating and expanding career exploration, 6-12 career pathways, and Industry Certification support. Participants will walk away with a targeted strategy on how they can ensure access to and expand high-quality CTE programs for each learner, provide various CTE options to meet the unique needs of each learner, and align CTE programs between middle and high schools within their districts.

Speakers will engage the audience by respecting the expertise participants bring into the room. We will provide opportunities to examine career pathways available to students, and time to brainstorm the tactical and operational issues involved with creating and/or improving a seamless pathway.

*Presenters: William Wilson & Jillian Berg*