

Targeted Professional Development for Career & Technical Education

# connecting for ➡ success

JUNE 26-27, 2019



**COLLABORATION!**

TOGETHER WE ARE BETTER

# WELCOME TO THE PREMIER CONFERENCE FOR PROFESSIONALS INVOLVED WITH CAREER & TECHNICAL EDUCATION

## ASSABET VALLEY REGIONAL TECHNICAL SCHOOL

WEDNESDAY, JUNE 26		
7:15 -7:45 REGISTRATION		
PLEASE BE SEATED AT 7:50		
8:00	9:00	Collaboration: Shifting from what's Wrong to What's Strong:
9:10	10:00	Session 1 – Pedagogy, Administration, Safety & Health and Technology
10:10	11:00	Session 2 – Pedagogy, Administration, Safety & Health and Technology
11:10	12:00	Session 3 – Pedagogy, Administration, Safety & Health and Technology
12:00	1:00	Lunch
1:00	1:50	Session 3 – Pedagogy, Administration, Safety & Health and Technology
2:00	2:50	Session 4 – Pedagogy, Administration, Safety & Health and Technology
THURSDAY, JUNE 27		
7:15	7:45	Registration & Coffee
9:00	2:30	Trade Show Visits Scheduled by Strand
8:00	8:50	Strand Specific Presentations
9:00	9:50	Strand Specific Presentations
10:00	10:50	Strand Specific Presentations
11:00	11:50	Strand Specific Presentations
12-1:00 BARBEQUE LUNCH		
1:00	1:50	Strand Specific Presentations
2:00	2:50	Collaborate with Colleagues
3:00 DRAWING FOR TRADE SHOW PRIZE! (LISTEN FOR ANNOUNCEMENT)		

### PLEASE WEAR YOUR NAME BADGE AT ALL TIMES.

The badge number is needed to sign in during each session. Each attendee will receive a **Certificate of Attendance** that can be used to verify your participation for your school.

Your school will be responsible for issuing Professional Development Points (PDP's) based upon the sessions attended and the districts' professional development policies.

Your prompt reporting for each session will be appreciated!

### CERTIFICATES

Certificates will be available on Thursday, June 27 after 3:00 at the conclusion of the conference in the registration area.

Please sign the request sheet available at registration.

If you don't stay to get your certificate, you get it via email in the weeks after the conference from Patricia Boyd (patriciaboyd@mava.us).

### COMPUTER LOG IN INFORMATION

**Username: avrtech\mava (all lower case) PW:white**

# connecting for success

Targeted Professional Development for Career & Technical Education

## WELCOME TO CONNECTING FOR SUCCESS 2019



*Hello and welcome!*

*Welcome to Connecting for Success 2019. With our theme in mind, the steering committee and conference staff collaborated to create an amazing selection of relevant topics. Please thank them and all of our presenters.*

*Our goal is always to customize the conference to best meet the needs of our attendees. Thank you to everyone who completed last year's conference survey. Based on your requests, we identified several key topics: collaboration, social emotional learning, financial literacy, our future, supporting and protecting our students and vaping. On Thursday each strand will end with an opportunity for you to share ideas and discuss issues in your specific areas.*

*Let us know if there is anything we can help you with during the conference.*

*Please enjoy this opportunity to network with your colleagues.*



*Judith McKinstry, Conference Director*

### STAFF

#### Judy McKinstry, Director

<b>John Hughes</b> <i>Facilities and Safety Coordinator</i>	<b>Donna Sroka</b> <i>Technology Coordinator</i>	<b>Peter Dewar</b> <i>Assistant Director</i>	<b>Deborah Harper</b> <i>Media Coordinator</i>
<b>Patricia Boyd</b> <i>Registration Coordinator</i>	<b>Kathy Conole</b> <i>Academic and Administration Coordinator</i>	<b>Maggie Ellis</b> <i>Presentation Coordinator</i>	<b>Frank Boffoli</b> <i>Trade Show Coordinator</i>

### STEERING COMMITTEE

**Judith McKinstry**, Director  
**Kevin Farr**, MAVA Executive Director  
**Dave Ferreira**, MAVA Communication  
**Jennifer Appleyard**, DESE  
**Ernie Houle**, Assabet Superintendent  
**Eric Duda**, Principal Pathfinder

**Don Jarvis**, MVA  
**Larisa Schelkin**, Global STEM Classroom-  
**David Swenson**, Netlogic Computer  
**Steven Sharek**  
**Dr. Martha J. Raphael**, MAVA

## Shifting from what's Wrong to What's Strong: Collaboration Leading to a Positive School Environment.



### ABOUT DR. TIM HODGES

*Tim consults with K-12 school districts and higher education institutions and leads research projects in strengths development, employee selection, employee engagement and well-being*

Are you working to create a more positive school culture that builds engagement, creates hope for the future, fosters talent and prepares students to meaningfully participate in the economy? Over the past 10 years Gallup has collected responses from millions of students to better understand their hope, engagement, entrepreneurial aspirations, and career and financial literacy. These aren't just "nice to know" measures – they have been linked to student success in school and beyond. This session will review the key findings from the national survey and highlight actions that educators can take to ensure that our students are engaged today and prepared for the future.



## Featured Topics Recommended by You

*You can find the course description quickly  
by turning to the page indicated and locate the icon.*

### COLLABORATION



9:10-10am	... Planning Community Service Learning Trips .....	9
9:10-10am	..... Community Relations and Allyships.....	11
10:10-11am	..... The Marine Corps Educators Workshop.....	17
10:10-11am	..... Supporting Students who Immigrated from Other Countries .....	13
10:10-11am	..... Transform Education for Students by Supporting Novice Teachers.....	13
11:10-12pm	..... Meaningful Senior Projects That Work.....	20
11:10-12pm	..... Grow your Career .....	21
11:10-12pm	..... Marine Corps Educators Workshop .....	22
1:00-1:50pm	..... Modeling:Student centered Instructional Design for Academic and Vocational.....	26
2:00-2:50pm	..... Encouraging Literacy Across Academic and Vocational Environments .....	31
2:00-2:50pm	..... The Career and Technical Education Instructor: Roles and responsibilities in the team process and the development of compliant and effective IEP's and Transition Plans .....	30
2:00-2:50pm	..... Using Social Media to Build Professional Skills & Boost Student Employability .....	33
2:00-2:50pm	..... Expanding Access to CTE Programs.....	34



## FINANCIAL LITERACY



9:10-10am ....Financial Literacy from MA Office of Economic Empowerment .....	11
10:10-11am ....Financial Literacy from MA Office of Economic Empowerment .....	14
11:10-12pm.....Monthly Budget Challenge .....	21
11:10-12pm ....Developing a Financial IQ:Creating Financially Savvy Students .....	22
2:00-2:50pm ..Financial Literacy; Real Curriculum for Real People for Real Use.....	31

## OUR FUTURE



10:10-11am.....Workplace of the Future - How to Ensure That our Students are Prepared .....	14
11:10-12 pm.....Building a “Road Map” for Artificial Intelligence and “Deep Learning” for vocational technical education: jobs and skills set for your Class 2030 .....	19

## SOCIAL AND EMOTIONAL LEARNING



9:10-10am .....Social and Emotional Learning. Why? .....	11
11:10-12pm.....What does the SEL Shop/classroom look like?.....	20
11:10-12pm.....Social and Emotional Learning (SEL) Overview and Current DESE Initiatives.....	19
11:10-12pm.....The Importance of Teaching Explicit Social and Emotional Learning in HS.....	18
1:00-1:50pm ...Save the Drama for Your Mama, Not Your Teacher .....	26
1:00-1:50pm ...The Importance of Teaching Explicit Social and Emotional Learning in High School.....	33

## SUPPORTING AND PROTECTING OUR STUDENTS



8:00 -9 am ....Anxiety and School Performance .....	35
9:10-10am ....Bullying and Power Differentia .....	10
9:10-10am .....Creating a Culture of Hope and Engagement for Our Students.....	10
10:10-11am.....Suicide: Warning Signs & Crisis Intervention .....	14
10:10-11am ....Bullying & Cyber Violence .....	14
11:10-12pm.....Gun Violence Prevention in Schools .....	19
11:10-12pm.....Understanding and Responding to Victims of Commercial Sexual Exploitation.....	21
11:10-12pm.....Understanding the LGBT Community .....	22
11:10-12pm.....Human Trafficking- “Hidden in Plain Sight” .....	Cancelled
1:00-1:50pm ...Mental Health Issues in the Shop/Classroom .....	27
1:10-1:50pm ...Human Trafficking- “Hidden in Plain Sight” .....	Cancelled
2:00-2:50pm ...Recognizing and Supporting Students’ Mental Health Needs in the Classroom.....	32

## VAPING



9:10-10am .....What are you Puffing? Vaping and Our Youth.....	13
10:10-11am.....What are you Puffing? Vaping and Our Youth.....	17

STRAND COORDINATORS		
ACADEMICS	Kathy Conole	MAVA
ADMINISTRATION	Kathy Conole	MAVA
ADVANCED MANUFACTURING	Larry Retelle	Shawsheen Technical
ANIMAL SCIENCE	Rebecca Smith	Essex Technical
AUTOMOTIVE COLLISION	Richard Sauro	Madison Park Technical
AUTOMOTIVE TECHNOLOGY	Dan Capuano	Assabet Valley Regional
BIOTECHNOLOGY & ENGINEERING TECHNOLOGY	Kim Stencil	Assabet Valley Regional
BUSINESS TECHNOLOGY & MARKETING	Sharon Dupiche-Carlista	Blackstone Valley Tech
CAREER & COLLEGE	Jennifer McGuire	Upper Cape Technical
CARPENTRY	Steven Sullivan	Building MA Careers
COMPUTER SCIENCE, PROGRAMMING AND WEB DESIGN	David Case	Shawsheen Valley Regional
COSMETOLOGY	Deborah Lagasse	Greater Lowell Technical
CULINARY ARTS	Rick McKinney	Keefe Tech
DENTAL ASSISTING	Lorraine Reppucci	Shawsheen Valley Regional
DESE	Jennifer Appleyard	Department of Education
GRAPHICS & DIGITAL MEDIA	Deborah Harper	Assabet Valley Regional
EARLY EDUCATION	Amanda Abbott	Bristol Plymouth Regional
ELECTRICAL	Mark Currier	Pathfinder
HEALTH TECH SERVICES	Kathy Regan	Assabet Valley Regional
HORTICULTURE	Sarah Ard	Minuteman Technical
HVAC & PLUMBING	Chris Faucher	Bay Path
MASONRY AND TILE SETTING	James Bonito	Shawsheen Valley Regional
METAL FABRICATION	Reagan Ali	Springfield Schools
SAFETY & HEALTH	John Hughes	Assabet Valley Regional
SPECIAL POPULATIONS	Charla Boles	Assabet Valley Regional
TECHNOLOGY	Donna Sroka	MAVA
RADIO AND VIDEO PRODUCTION	Bill May	Assabet Valley

## COMPUTER LOG IN INFORMATION

**UN: avrtech\mava**  
**(all lower case)**  
**PW:white**

## NEED HELP?

CALL THE HELP DESK

**Phone Extension: 1252**

# TABLE OF CONTENTS

Conference Information .....	2
Schedule.....	2
Certificate of Attendance Information .....	2
Welcome.....	3
Strand Coordinators/Steering Committee.....	3,6
<b>Computer Log in Information/Help Desk.....</b>	<b>6</b>
Department of Education (DESE).....	8
Keynote Presentation .....	4
Certificate of Attendance Information .....	8
Trade Show .....	34, 56-57
<b>SCHOOL MAP .....</b>	<b>58,59</b>

## WEDNESDAY PRESENTATIONS

9:10 AM .....	9-13
10:10 AM .....	13-18
11:10 AM.....	18-23
1:00 PM .....	24-29
2:00 PM .....	30-34

## THURSDAY PRESENTATIONS

Academics .....	35
Administration.....	36
Advanced Manufacturing.....	38
Animal Science.....	39
Automotive Collision .....	40
Automotive Technology .....	40-41
Biotechnology & Engineering .....	41-42
Business Technology and Marketing .....	42-43
Career & College Counseling.....	39
Carpentry.....	44
Computer Programming & Web Development .....	45-46
Cosmetology.....	46-47
Culinary Arts .....	47-48
Dental Assisting.....	48
Early Childhood Education .....	48
Electrical .....	49
Graphic Communications   Design & Visual Communications .....	50
Health Services .....	51
Horticulture .....	52
HVAC and Plumbing.....	52-53
Masonry & Tile Setting.....	53-54
Metal Fabrication .....	54
Special Populations .....	55
Video and TV Broadcasting.....	55-56

## FOOD AND BEVERAGE ARRANGEMENTS

Continental Breakfast Daily-7:00 A.M.-7:50 A.M.  
Coffee will be available until 10:30 in the cafeteria  
Lunch buffet in café on Wednesday.  
The Fabulous Barbecue - on Thursday.

**THANK YOU**  
**ASSABET VALLEY REGIONAL**

for your hospitality and printing our conference booklet.

**LOG IN**  
**UN: avrtech\mava**  
**PW:white**  
**ALL LOWER CASE**

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**CALL THE HELP DESK**  
**EXT. 1252**

## THANK YOU TO OUR PLATINUM SPONSOR!



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AND TO HELPING YOU MAXIMIZE YOUR POTENTIAL  
AND ACHIEVE YOUR GOALS.**

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### News and Updates from the Department of Elementary & Secondary Education

New Chapter 74 Application .....	10
Licensure for Vocational Administrators.....	10
Using CVTE Data for Program Improvement .....	15,30
Supporting Students with IEPs in CTE Programs.....	15
High Quality College and Career Pathways Update .....	15
SEI Endorsements .....	19
Social and Emotional Learning (SEL) Overview .....	19
Perkins V .....	20
CVTE Program Reviews.....	20
Licensure Information for Vocational Educator.....	25
Licensure Information for Academic Teachers .....	25
College and Career Advising .....	25
Industry Recognized Credentials.....	25
Mass Girls in Trade.....	30
Safety Updates .....	30



### VTE Framework Revision Project

**Now Collecting Applications from  
Subject Matter Experts (SME's)**

- Teachers
- Counselors
- Administrators
- Professional Licensure Required
- Minimum of 5 Years Experience  
(more info. on page 25)



# W E D N E S D A Y JUNE 26

## SCHEDULE BY STRAND

### KEYNOTE PRESENTATION

337

8:00 AM

9:00 AM

Room

Auditorium

ALL

#### Shifting from What's Wrong to What's Strong: Collaboration Leading to a Positive School Environment

Are you working to create a more positive school culture that builds engagement, creates hope for the future, fosters talent and prepares students to meaningfully participate in the economy? Over the past 10 years Gallup has collected responses from millions of students to better understand their hope, engagement, entrepreneurial aspirations, and career and financial literacy. These aren't just "nice to know" measures – they have been linked to student success in school and beyond. This session will review the key findings from the national survey and highlight actions that educators can take to ensure that our students are engaged today and prepared for the future.

Dr. Tim Hodges

Gallup

PLEASE BE SEATED BY 7:50

9:10-10AM

142

9:10 AM

10:00 AM

Room

D307

Administration

#### Nashoba Valley Technical High School & Middlesex Community College - Early College Pathway Designation

Nashoba Valley Technical High School became the first technical high school to earn the Early College Pathway Designation for their partnership with Middlesex Community College. This session will describe their program, the steps they took toward approval, challenges they discovered along the way, and their plans for implementation in 2019-2020.

Gabriella White

Nashoba Valley Technical High School

Ellen Grondine

151

9:10 AM

10:00 AM

Room

D309

Administration

#### Planning Community Service Learning Trips



Students are challenged to put their skills to work in communities across the United States. If you're interested in organizing a service learning trip (also known as Alternative Spring Break Trip) this session will give you everything you need to get started. Specific documents, procedures and strategies will be shared in this informative session.

Erin Borden

Minuteman High School

273

9:10 AM

10:00 AM

Room

D305

Administration

#### Creating a Vision of the Graduate

How do we ensure our graduates are leaving with the skills they need to succeed? As CTCI begins the process of revising the 2015 Standards for Accreditation, we're thinking about processes that will focus accreditation more on student outcomes. This session will identify how schools/centers can transform their CPS/CTCI Standard 1 Core Values, Beliefs and Learning Expectations into a high quality Graduate Profile: What do we want our students to know and be able to do?

Bruce Sievers

NEASC

314

9:10 AM

10:00 AM

Room

B203

ALL

## Bullying and Power Differential



All schools have bullying response guidelines but sometimes struggle with understanding why the bullying is occurring. This workshop addresses the dynamics between bullies and victims. This workshop also explores the role bystanders play. Practical suggestions to deal with bullying will be given.

Rich Catrambone

Middlesex Partnership for Youth

338

9:10 AM

10:00 AM

Room

Auditorium

ALL

## Creating a Culture of Hope and Engagement for Our Students



Are you working to create a more positive school culture that builds engagement, creates hope for the future, fosters talent and prepares students to meaningfully participate in the economy? Over the past 10 years Gallup has collected responses from millions of students to better understand their hope, engagement, entrepreneurial aspirations, and career and financial literacy. These aren't just "nice to know" measures – they have been linked to student success in school and beyond. This session will review the key findings from the national survey and highlight actions that educators can take to ensure that our students are engaged today and prepared for the future.

Dr. Tim Hodges

Gallup

158

9:10 AM

10:00 AM

Room

D311

DESE

## DESE Licensure Information for Vocational Administrators



This workshop will address a number of relevant licensure topics for individuals currently working as Vocational Technical Administrators. Topics addressed will include updates from the Licensure Office, the waiver process for teachers, and how best to assist educators through the licensure process. Additional time in the workshop can be used to address educators' questions about the Licensure process.

Jamie Wilkinson

DESE

165

9:10 AM

10:00 AM

Room

D313

DESE

## New Chapter 74 Program Application



The Chapter 74 New Program Approval Process is comprised of three sections: Intent to Apply, Part A (Preliminary) Application, and Part B (Concluding) Application. New to the 2018-19 application cycle was the requirement for Regional Consultation, in which prospective applicant districts engaged stakeholders in discussions to ascertain workforce needs and existing resources prior to application submission. In this session we'll review the application process and timeline, highlight changes in the application for 2019-20, and share resources that are available to assist districts.

Larry DeSalvatore

DESE

Marnie Jain

259

9:10 AM

10:00 AM

Room

D208

Pedagogy

## The Impact of Images

Discover the power and impact of images for our visual learners. Incorporate images for students to explore and alternatives to traditional note taking. Strategies include avatars, sketch noting, picture writing, and comics.

Barbara Cote

Bay Path Regional Vocational Technical High



**248**

9:10 AM

10:00 AM

Room D210

Pedagogy

**I Can't Believe I Taught The Whole Lesson Without Any Disruptions**

Are you tired of the frequent requests to the bathroom, students being late for class, the eye rolling and all the other distractions? Well you are not alone. Come and learn some strategies that will give you more time to teach and less time spent on disruptions.

Dennis Goodwin

Mass Bay CC

**295**

9:10 AM

10:00 AM

Room D314

Pedagogy

**Community Relations and Allyships**

We must be able to serve our diverse students and communities in ways that do not reinforce stereotypes or alienate our students. This workshop will break down the components of cultural competence that are fundamental to doing meaningful work. Participants will learn tools that will allow them to navigate diverse communities effectively. By promoting a culture of empathy and understanding, we can better understand our students and exact positive social change.

Nwando Ofokansi

Katie Brown Educational Program

**222**

9:10 AM

10:00 AM

Room D312

Pedagogy

**Social Emotional Learning--Why?**

This session will explore the basic principles of SEL, including major concepts, DESE's frameworks-implementation document, and guided reflection on building SEL on a personal and professional level.

Erica Thomas

Diman Regional Vocational Technical High Sc

**206**

9:10 AM

10:00 AM

Room D211

Pedagogy

**Teaching Purchased Curriculum Like PLTW**

How does one teach purchased curriculum in your program, like PLTW Engineering, in an every other week format and get through all the courses or modules in 90 days? Let's get together and share ideas on how you fit in all the content in just those 90 days. For example: I teach 6 different courses in the PLTW program, if you count Sr. Project as the EDD course, over 3 1/2 years. What challenges do you have? What format have you found works best. General discussion among teachers with similar courses.

Malcolm Paradise

Minuteman Regional Vocational Technical H

**328**

9:10 AM

10:00 AM

Room D310

Pedagogy

**Financial Literacy from MA Office of Economic Empowerment**

Presenter will talk about Office of Economic Empowerment programs and Financial Education Innovation Fund Grant.

Christine Callahan

Office of Economic Empowerment

**173**

9:10 AM

10:00 AM

Room D315

Pedagogy

**Operation Graduation -- Credit Recovery and Student Success**

Learn about the online credit recovery, student success, and student reengagement programs that Greater Lowell is instituting. Discuss opportunities and challenges as we work with our most at-risk students to assist them in achieving college, career, and citizenship preparation goals and meet graduation requirements.

Elizabeth Often

Greater Lowell Technical High School

Stacey O'Keefe

229

9:10 AM

10:00 AM

Room

B228

Pedagogy

## Real-World Algebra - A Project-Based Class

Have you ever heard this question in your Algebra class...When am I ever going to use this in real-life?!? Attend this workshop and you will never hear it again! For years, Algebra 2 was the most feared and most dreaded class in our entire academic program. That has changed completely! Our Algebra 2 students are coming to our class excited, and they are leaving (at least a little more) ready for the world after high school! Learn real life applications that include but are not limited to quadratics exponential functions, rational functions, and more.

Justin Cotter

Assabet Valley Regional Technical High Scho

423

9:10 AM

10:00 AM

Room

D306

Pedagogy

## Start Smart--Begin Your Class with a "BANG"

Join us to learn some very hands-on ways to start your shop or classroom. We all know that if you start off your class immediately with an engaging activity, the students are more focused, interested, and make prior knowledge connections. We will describe and model four "Start Smart" ideas which can be adapted to any class or shop. These activities allow for differentiated instruction, kinesthetic learners, vocational/academic integration.

Domenic Bachand

Cape Cod Regional Technical

Lynn Fleischer

411

9:10 AM

10:00 AM

Room

D308

Safety & Health

## Soft Skills in Safety

Whether you teach a hard or soft trade, safety and soft skills play a role in every career pathway. This presentation is focused on developing "soft skills" such as leadership skills, teamwork, communication skills, problem solving, work ethic, flexibility and the development of interpersonal skills, as you "check off" safety competencies. Project Ideas will be presented to meet a cluster of the common Safety Frameworks that span across all trades. We will identify opportunities to collaborate with other technical programs and access the diversity of skills that can be combined to create a product that demonstrates a multitude of soft skills. Framework Examples Define first aid procedures and protocols used to handle emergency situations and practices used to avoid accidents. View safety videos and discuss the role of workplace safety. Attend or participate in a human rights alliance organization presentation. Observe and/or demonstrate the appropriate use of a fire extinguisher using the (PASS) technique: Pull, Aim, Squeeze, Sweep. Review and discuss specific policies, procedures and protocols regarding discrimination, harassment and bullying. Discuss and/or role-play proper and respectful behavior that contributes to a positive climate. Discuss and/or demonstrate behavior that contributes to a collaborative/teamwork environment

Deborah Harper

Assabet

269

9:10 AM

10:00 AM

Room

D302

Safety & Health

## The Resilient Educator

Teachers are being challenged as never before by larger class sizes, changing curriculum, reduced funding, and increasing numbers of students with learning and behavioral problems. Learn effective resiliency building strategies to reduce stress and improve physical, mental and emotional well-being. Learn to teach students how to understand their feelings, control negative emotions, and manage their perceptions of personal capabilities.

Mark Altman

MindsetGo

319

9:10 AM

10:00 AM

Room

D304

Safety &amp; Health

**What Are You Puffing? Vaping and Our Youth**

Vaping has become a major issue in our schools and communities. This presentation will focus on the trend of student vaping, how to recognize vaping devices, vaping products, and the physical impact vaping has on the body.

Cory Mashburn

Middlesex Partnership for Youth, Inc.

250

9:10 AM

10:00 AM

Room

B233

Technology

**Desmos (Mobile, Tablet, Laptop)**

Explore math with Desmos. Graph functions, plot data, evaluate equations, explore transformations, and much more – for free! Find the best digital activities for your class — or build your own.

Jennifer Neville

Shawsheen Valley Technical High School

183

9:10 AM

10:00 AM

Room

B102

Technology

**Digital Student Portfolios**

This 50-minute course will provide you with an introduction to digital portfolios. See beautiful portfolio examples and learn to create content to develop and enhance your students' work. We'll cover creating a killer portfolio using three different applications and explore the do's and don'ts of student portfolios.

Rebecca Cygielnik

997

9:10 AM

10:00 AM

Room

B236

Safety &amp; Health

**OSHA Focus Four Hazards in Construction**

This workshop focuses on the four major hazards to watch out for in construction.

Peter Barletta

US Dept of Labor--OSHA

Joe Green

**10:10-11AM WEDNESDAY JUNE 26**

315

10:10 AM

11:00 AM

Room

D315

Administration

**Supporting Students Who Immigrated from Other Countries**

Many students in our schools come from other countries, with multiple languages and cultures. This workshop will identify school interventions for individual children and will also address how to set up larger systems in the community and school districts to welcome and support all students.

Barbara Gortych

Middlesex Partnerships for Youth, Inc.

270

10:10 AM

11:00 AM

Room

B205

Administration

**Transform Education for Students by Supporting Novice Teachers and Mentors**

Approximately 50 percent of new teachers will leave the profession within 5 years. A proven method that increases teacher retention and improves instruction is pairing them with an experienced mentor. Over the past two decades, a large number of states, districts, and schools are offering support, guidance, and orientation programs. Reflecting on your district's needs will enable you to create a plan that will support novice teachers. Attendees will learn how to create a vision and engage a group of stakeholders to assist in writing this plan.

Kathy Regan

Assabet Valley RTHS

421

10:10 AM

11:00 AM

Room D304

Administration

### Principals Meeting

Mark Wood

Tantasqua

301

10:10 AM

11:00 AM

Room D310

All

### Financial Literacy from MA Office of Economic Empowerment



Presenter will talk about Office of Economic Empowerment programs and Financial Education Innovation Fund Grant.

Christine Callahan

Office of Economic Empowerment- Office o t

294

10:10 AM

11:00 AM

Room D211

ALL

### Bullying & Cyber Violence

Sticks and stones may break my bones, but words can never hurt me. Many of us grew up with this mantra, and as such have reduced bullying to a normal part of the school experience. However, recent trends in the rates, pervasiveness, and impacts of bullying suggest that greater investment in bullying prevention and response is needed. Approximately 21% of students in grades 6-12 experienced bullying, 12% of 6-12 students experienced cyberbullying, and roughly 30% of young people admit to bullying others. As caregivers for young people, it is our responsibility to create spaces in which bullying behaviors are discouraged and addressed appropriately. However, we can't be everywhere, especially when the age of technology has taken bullying out of the schoolyard and into the palm of students' hands. This workshop will provide the information and resources needed for adults to be more effective in preventing and responding to bullying and cyber violence.

Angela Marandola

Katie Brown Educational Program

Deshaun Ferguson

339

10:10 AM

11:00 AM

Room Auditorium

ALL



### The Workplace of the Future - How to Ensure that Our Students are Prepared

The American workplace is undergoing a major time of change. Extensive Gallup research reveals six key changes facing the world of work. The workforce is calling for a paradigm shift from the transactional management practices of the past to more individualized development that focuses on the needs of each person into the future. Employees want to be developed and do work that matters. Educators need to be aware of these changes if they are going to effectively prepare students for the workplace of the future.

Dr. Tim Hodges

Gallup

244

10:10 AM

11:00 AM

Room Hawthorne

ALL



### Suicide: Warning Signs & Crisis Intervention

Suicide is the 2nd leading cause of death for young people aged 15-24 in the United States, and the first leading cause of death for college-aged women (NAMI). This 'Suicide Prevention' workshop will (1) explore the warning signs and risk factors of suicide in youth (2) teach participants how to approach students who may be suicidal and assess for risk, and (3) empower participants to seek appropriate professional help for youth who are experiencing suicidal ideation or a mental health crisis.

Lauren Wilkins

Let's Empower, Advocate and Do, Inc.

167

10:10 AM

11:00 AM

Room D312

DESE



### **High Quality College and Career Pathways Update**

The Massachusetts High Quality College and Career Pathways (HQCCP) initiative, launched in 2017 under the leadership of the Governor and the Workforce Skills Cabinet, is designed as an overarching strategy to foster student engagement and close achievement and skill gaps. Programs under the HQCCP umbrella – approved Chapter 74 programs, Early College, and Innovation Pathways – establish clear, coherent, unifying expectations and eliminate barriers to student participation. This session will focus specifically on Early College and Innovation Pathways, each have their own defining characteristics. Participants will learn about the two-phase formal designation process for these two structures and have the opportunity to ask questions.

Kristin Hunt

DESE

Jennifer Gwatkin

161

10:10 AM

11:00 AM

Room D305

DESE



### **Supporting Students with IEPs in CTE Programs**

This presentation will address how schools and districts can provide equitable access for students with IEPs in Career Technical Education (CTE) programs. Amanda Green from DESE's Special Education Planning and Policy team and Marnie Jain from DESE's College, Career and Technical Education team will address questions such as: What role do middle schools play in access to high school CTE programs? Who is responsible for facilitating the students' smooth transition to high school? How does the high school provide individualized services in the least restrictive environment? How does the high school serve students who are 18-22 years old? This presentation will be useful to guidance personnel, CTE and Special Education Educators, and Administrators.

Marnie Jain

DESE

Amanda Green

155

10:10 AM

11:00 AM

Room D311

DESE



### **DESE Licensure Information for Vocational Educators (repeat session)**

This workshop is for educators who currently hold Vocational Technical Educator licenses issued by DESE. The topics covered will include how to advance a Preliminary Vocational Educator license to the Professional stage; how to extend a Preliminary license; what is required to renew a Professional stage Vocational Educator license and more. Additional time in the workshop can be used to address educators' questions about the Licensure process.

Jamie Wilkinson

DESE

153

10:10 AM

11:00 AM

Room D313

DESE



### **Using CVTE Data for Program Improvement**

Did you know that with DESE data resources, districts can examine Perkins Indicators, enrollment and employment trends to help improve programs and help prepare all students for life after high school? Data teams can review this information alongside local context to draw conclusions and help strengthen programs for your students. We'll cover several reports in DESE's secure data portals, show you where to find the reports and ask for feedback. We'll hear from Gabby White from Nashoba Valley on her experience with this, and share other examples of how schools are incorporating these resources into school data routines. Participants are invited to bring laptops and pull up data resources during the session.

Jennifer Appleyard

DESE

Larry DeSalvatore

249

10:10 AM

11:00 AM

Room

D102

Pedagogy

### Tackling the Massachusetts Performance Assessment for Leaders (MA-PAL)

The Massachusetts Performance Assessment for Leaders (MA-PAL) is a requirement for all candidates seeking an Assistant Principal/Principal license. This session will provide a general overview of the MA-PAL requirements and tasks, as well as tips and strategies for achieving a passing score.

Michael Parks

Smith Vocational &amp; Agricultural High School

260

10:10 AM

11:00 AM

Room

D208

Pedagogy

### 180 Day Survival Kit for Novice Teachers

This workshop provides a life raft for beginning teachers to stay afloat. Explore strategies and methods to be a successful teacher. Techniques and tools include setting high expectations, delivering engaging lessons, creating an equitable environment and managing classroom behavior.

Barbara Cote

Bay Path Regional Vocational Technical High

265

10:10 AM

11:00 AM

Room

D302

Pedagogy

### Communicate With Confidence

A student typically develops confidence and self-esteem through grades, achievements in extra-curricular activities, or popularity. However, the main ingredients for a student to build their confidence is the ability to practice a growth mindset and overcome obstacles that they perceive as difficult, impossible or boring. Through experiential learning, participants will learn how to utilize passion as a learning tool, deliver effective feedback and create templates for students to embrace their improvements and achievements.

Mark Altman

MindsetGo

185

10:10 AM

11:00 AM

Room

D307

Pedagogy

### Teaching Writing in the Vocational Class

This 50 min course is designed to help vocational teachers teach writing in their content area. Attendees will learn 3 methods to help them teach their students writing techniques that will strengthen their skills. Attendees will walk away with fantastic PowerPoints on the writing methods and rubrics to help them grade student writing in the vocational setting.

Rebecca Cygielnik

171

10:10 AM

11:00 AM

Room

D306

Pedagogy

### Start Smart- Begin your class with a "BANG"

Join us to learn some very "hands-on" ways to start your shop, theory or classroom. We all know that if you start off your class immediately with an engaging activity, the students are more focused, interested and make prior knowledge connections. We will describe and model 4 "Start Smart" ideas which can be adapted to any class or shop. These activities allow for differentiated instruction, kinesthetic learners, vocational/academic integration and literacy strategies. All strategies can be altered to fit your daily lesson, whether you are introducing new material or reviewing prior material.

Domenic Bachand

Cape Cod Regional Technical High School

Lynn Fleischer



**247**

10:10 AM

11:00 AM

Room

D210

Pedagogy

**I Can't Believe I Taught The Whole Lesson Without Any Disruptions**

Are you tired of the frequent requests to the bathroom, Students being late for class, The eye rolling and all the other distractions. Well you are not alone. Come and learn some strategies that will help you with more time to teach and less time on disruption.

Dennis Goodwin

Massbay CC

**417**

10:10 AM

11:00 AM

Room

D314

Pedagogy

**The Marine Corps Educators Workshop**

This is an informational presentation about the Marine Corps Educator's Workshop. The workshop is held in Parris Island, South Carolina, at the Marine Corps Recruit Depot. It is a two and a half day program. The idea behind the program is to build teamwork and leadership skills. The Marines will also explain why they do what they do when it comes to the training .

Rene Dion

Greater Lowell Technical HS

**320**

10:10 AM

11:00 AM

Room

Lecture Hall

Safety &amp; Health

**What Are You Puffing? Vaping and Our Youth**

Vaping has become a major issue in our schools and communities. This presentation will focus on the trend of student vaping, how to recognize vaping devices, vaping products, and the physical impact vaping has on the body.

Cory Mashburn

Middlesex Partnership for Youth, Inc.

**412**

10:10 AM

11:00 AM

Room

D308

Safety &amp; Health

**Soft Skills in Safety**

Whether you teach a hard or soft trade, safety and soft skills play a role in every career pathway. This presentation is focused on developing "soft skills" such as leadership skills, teamwork, communication skills, problem solving, work ethic, flexibility and the development of interpersonal skills, as you "check off" safety competencies. Project Ideas will be presented to meet a cluster of the common Safety Frameworks that span across all trades. We will identify opportunities to collaborate with other technical programs and access the diversity of skills that can be combined to create a product that demonstrates a multitude of soft-skills. Framework Examples Define first aid procedures and protocols used to handle emergency situations and practices used to avoid accidents. View safety videos and discuss the role of workplace safety. Attend or participate in a human rights alliance organization presentation. Observe and/or demonstrate the appropriate use of a fire extinguisher using the (PASS) technique: Pull, Aim, Squeeze, Sweep. Review and discuss specific policies, procedures and protocols regarding discrimination, harassment and bullying. Discuss and/or role-play proper and respectful behavior that contributes to a positive climate. Discuss and/or demonstrate behavior that contributes to a collaborative/teamwork environment

Deborah Harper

Assabet

## 10:10-11:00AM WEDNESDAY JUNE 26

**401**

10:10 AM

11:00 AM

Room B128

Safety &amp; Health

### Mold, Mildew and Mushrooms - what you need to know to make your schools safer regarding moisture issues

This presentation focuses on EPA guidance on mold, especially for the school environment. EPA has several guidance documents on mold: homes, schools and commercial buildings, and a physicians' guide.

Eugene Benoit

US EPA

**200**

10:10 AM

11:00 AM

Room D309

Safety &amp; Health

### Planning for Retirement

Robbie and Peter will be speaking on social security planning, pension planning, 403(b) planning and general retirement savings strategies, including the Pension Buy-Back Process.

Robert Basiri

Centinel Financial Group, LLC

Peter Sechoka

**252**

10:10 AM

11:00 AM

Room B206

Technology

### Do You Still Yahoo?

Introduction to free online tools, applications, & websites to increase student engagement for ALL learners while decreasing the workload for the teacher. Specifically designed for teachers who are stuck in the past or intimidated by current technology tools. Bonus points for attendees who bring a laptop, Chromebook or electronic device (smartphone, tablet) to aid in comprehension. We may or may not have access to a computer lab.

Jennifer DeForge

Worcester Technical High School

**415**

10:10 AM

11:00 AM

Room B102

Technology

### DeltaMath

A great free math site for academic, science, and shop teachers. Learn how to set up assignments, set goals, monitor your student's progress, see when and how long students are spending on certain skills, and much more.

Jennifer Neville

Shawsheen Valley Technical HS District

## 11:10-NOON WEDNESDAY JUNE 26

**322**

11:10 AM

12:00 PM

Room D305

Administration

### The Importance of Teaching Explicit Social and Emotional Learning (SEL) in High School



Research suggests that students with explicit SEL instruction perform better in school, better on tests, and have fewer behavioral incidents. While educators are aware of the benefits of SEL, time, budgetary constraints, as well as lack of resources and training make it hard to implement day to day. Using technology, such as an online curriculum can help change that!

Ceryl Ann Bomal

Greater Lowell Technical High School

Melissa Ragan

245

11:10 AM

12:00 PM

Room

D304

Administration

## Gun Violence Prevention in Schools



Since January 2018, over 1,000 gun violence incidents have occurred every week in the United States, many of which have occurred in schools and have taken the lives of children (Gun Violence Archive). However, these tragedies can be avoided if preventative strategies are adopted and educators are proactively trained. This workshop will (1) explore common warning signs that gun violence may take place (2) teach participants tangible strategies to protect and support students during and after a shooting, and (3) connect participants with resources to empower their students to report warning signs to further prevent gun-related crises.

Lauren Wilkins

Let's Empower, Advocate and Do, Inc.

263

11:10 AM

12:00 PM

Room

B102

All

## Building a "Road Map" for Artificial Intelligence and "Deep Learning" for vocational technical education: jobs and skills set for your Class 2030



Artificial Intelligence (AI) and "deep learning" are here to stay. How is this new technology going to affect vocational technical education? As we know, the workforce is very concerned about the changes AI will bring for jobs and required skill sets. How are vocational technical educators preparing for these changes? There are so many discussions about AI, so many "pieces of the puzzle" --but how we can put it all together? How can educators navigate their way? Let's discuss how we can build a "road map" for Artificial Intelligence and "Deep Learning" for vocational technical education and the jobs and skills set for your Class 2030.

Larisa Schelkin

Global STEM Education

Donna Sroka

340

11:10 AM

11:50 AM

Room

Epicurean Roo

ALL

## Human Trafficking-"Hidden in Plain Sight"

Discussion on human trafficking- Hidden in Plain Sight, attendees will learn the indicators to human trafficking, how to recognize it, the stages of human trafficking, the state of mind of victim on human trafficking, why don't they just leave, services available to victims of human trafficking including victims who are foreign nationals. Attendees will know who they need to call should they suspect an incident of human trafficking.

**CANCELLED**

Peter DiMarzio

Homeland Security Investigations

168

11:10 AM

12:00 PM

Room

Lecture Hall

DESE

## SEI Endorsements



This session will cover SEI Endorsement requirements as they pertain to Vocational Technical Education Licensure. Participants will hear an overview of the SEI Endorsement and learn about what this means for Chapter 74 Vocational licensure.

Jamie Wilkinson

DESE

Judy Klimkiewicz

157

11:10 AM

12:00 PM

Room

D313

DESE

## Social and Emotional Learning (SEL) Overview and Current DESE Initiatives



This session will provide a basic overview of what Social and Emotional Learning is and a sampling of the initiatives that DESE is engaged in to support this work.

Kristen McKinnon

DESE

Anne Gilligan

162

11:10 AM

12:00 PM

Room

Auditorium

DESE

**Perkins V**

The Carl D. Perkins Career and Technical Education Law was reauthorized in July, 2018; the new law is called The Strengthening Career and Technical Education for the 21st Century Act and is referred to as Perkins V. The Department will provide an overview of this new law, including changes in the process districts will follow for the receipt of funds. In this session, staff from DESE's Federal Grant Programs team will outline the updates and improvements to this year's Perkins application and cover important new guidance they're issuing as a result of Perkins V. Staff from DESE's College, Career and Technical Education team will also highlight programmatic changes under Perkins V and cover the state's 1-year Transition Plan in preparation for the new four-year Perkins V.

Lisa Sandler

DESE

Eleanor Rounds-Bloom

160

11:10 AM

12:00 PM

Room

D311

DESE

**CVTE Program Reviews: an Orientation for the Districts to be Reviewed in SY2019-20**

DESE's CTE team has made organizational shifts in order to improve the effectiveness and efficiency of CVTE Program Reviews, now called Tiered Focused Monitoring. The changes reflect a tiered system of increased focus and support, with accompanying Technical Assistance offered. Join this session to hear about these changes and to discuss how to prepare for your school's upcoming review. This session will be useful for CTE Directors whose schools have CVTE Program Reviews in the coming year. (Any district is welcome to attend; if there is an overflow, priority will be given to the districts to be reviewed in the 2019-2020 school year.)

Marnie Jain

DESE

223

11:10 AM

12:00 PM

Room

D312

Pedagogy

**What Does the SEL Shop/Classroom Look Like?**

This session will touch on basic principles of SEL, while going more in depth regarding school culture, incorporating SEL skills into the shop/classroom, and ideas for effective strategies.

Erica Thomas

Diman Regional Vocational Technical High Sc

208

11:10 AM

12:00 PM

Room

D104

Pedagogy

**Meaningful Senior Projects That Worked and Get Finished**

Use your PAC or other sources outside your program to create meaningful senior projects. Take project choices out of your students' hands. Find projects for your seniors that have a customer. Customers could be internal and external (like your PAC members).

Malcolm Paradise

Minuteman Regional Vocational HS

390

11:10 AM

12:00 PM

Room B233

Pedagogy



### **Monthly Budget Challenge!**

Making choices is part of our everyday lives. Certain choices need more guidance than others — financial choices. Soon students will be heading off to further their education (certificate programs, community & four-year colleges), but what is the cost? This hands-on session answers that question, utilizing spreadsheets to guide participants through a teacher-created 'My Life...' budgeting simulation that includes income and taxes, paying yourself first, transportation, housing, student loans, and food expenses. Can you budget the expenses for needs and still have money left for everything else? Join the workshop to see! Group shareouts at each step enhance learning, emphasizing the need for behavioral change related to financial decision making. Session takeaways include replicable hands-on and interactive activities, educator resources and more.

Talitha Oliveri

Hopedale Jr. Sr. High School

146

11:10 AM

12:00 PM

Room D103

Pedagogy



### **Grow Your Career!**

Grow Your Career! As a professional within the career and technical education community you're committed to ensuring your learners have the highest-quality CTE experience possible. With a rapidly changing landscape of today's teaching environment, it's more important than ever to stay in front of emerging trends and in sync with best practices in the classroom. The benefits of being involved in a professional association are many, but most importantly, having access to the latest information about the profession and access to a nationally recognized pool of expertise in your discipline are indispensable. Come see what today's membership in ACTE provides to you and how it will help ensure that your professional growth continues to enhance the high-quality CTE you strive to deliver.

Michael Connet

Association for Career and Technical Education

316

11:10 AM

12:00 PM

Room D307

Pedagogy



### **Understanding and Responding to Victims of Commercial Sexual Exploitation**

Every day, young people are deceived, manipulated, coerced, and forced into the commercial sex industry. This multibillion dollar industry targets the most vulnerable individuals in our communities. The Understanding and Responding to Victims Training gives service providers, law enforcement, and community members the tools needed to better serve this marginalized population.

Nikki Valila

Middlesex Partnership for Youth, Inc.

422

11:10 AM

12:00 PM

Room D306

Pedagogy

### **Lose the Chaos in the Classroom**

Is the beginning of your class or shop CHAOTIC because your students "need" something from you? Are you tired of answering the same questions related to missing work, deadlines, or exam dates? This workshop is packed with helpful strategies devoted to organizing your shop, or classroom so the students can manage their paperwork and obligations and become self-directed learners.

Lynn Fleischer

Cape Cod Regional Technical

Domenic Bachand

141

11:10 AM

12:00 PM

Room

D310

Pedagogy



### **Developing a Financial IQ : Creating Financially Savvy Students**

Engage your students in an effective dialogue in a way which helps them understand the importance of financial literacy. This session will review fundamental concepts and strategies one may use to assist students in making wise financial decisions. Empower career-ready individuals by giving them the tools needed to be properly prepared for their future success.

Tom Ciulla

Investment Adviser Representative

292

11:10 AM

12:00 PM

Room

D105

Pedagogy



### **Understanding the LGBT Community**

This workshop aims to provide a better understanding of the LGBT+ community. This includes information about the differences between sex, gender identity, gender expression, and sexual orientation. Disproportionate amounts of violence happen both to and within the LGBT+ community. Preventing the violence towards these communities relies on understanding and overcoming the stereotypes and biases associated with them.

Angela Marandola

Katie Brown Educational Program

Rowan McKenna

298

11:10 AM

12:00 PM

Room

D314

Pedagogy

### **The Marine Corps Educators Workshop**



This an informational presentation about the Marine Corps Educator's Workshop. The workshop is held in Parris Island, South Carolina, at the Marine Corps Recruit Depot. It is a two and a half day program. The idea behind the program is to build teamwork and leadership skills. The Marines will also explain why they do what they do when it comes to the training of the future marines.

Rene Dion

Greater Lowell Technical High School

241

11:10 AM

12:00 PM

Room

B236

Safety &amp; Health

### **Introduction to Public Sector Workplace Safety Standards**

The presentation will include an overview of the updated law, the DLS inspection process, questions about reporting, and where to start to prepare for an inspection. There will opportunity for Q & A at the end of the presentation.

Art Pennesi

Department of Labor Standards

178

11:10 AM

12:00 PM

Room

Hawthorne

Safety &amp; Health

### **Vaping, Nicotine Addiction and Local Regulatory Action**



This workshop will begin with the history of e-cigarettes, how they are constructed and used. How flavored vaping products entice youth to start and that the advent of the Juul brand e-cigarettes accelerated youth use will be discussed. The adolescent brain and nicotine addiction, as well as current school data, will be presented. An update will be provided on the federal government's recent comments and actions on Juul, vaping and menthol, as well as statewide laws and local policy efforts to stem a new generation of youth from becoming addicted to nicotine. Lastly, school policies for both possession and use, cessation available currently for students and the intersection of CBD and marijuana will be addressed.

DJ Wilson

Mass. Municipal Association



**393**

11:10 AM

12:00 PM

Room

B203

Safety &amp; Health

**Developing a comprehensive Ladder Safety Program for your Construction Shops**

Falls are the number one cause of workplace injuries and death for young workers. In most cases, the employees did not have enough, or correct, training with regard to the equipment or the tasks they were involved with. Step up your ladder safety program and bring your students to the next level of ladder use, fall protection, and ladder inspection.

Thomas Belland

Blackstone Valley Tech

**184**

11:10 AM

12:00 PM

Room

B206

Technology

**Best of the Web**

Come explore the best apps, extensions, and websites of 2019! Get ideas on how to integrate these into your classroom and come away with new resources to use in your area. Participants will receive access to all materials so that you can bring back the best of 2019 to share with your school.

Rebecca Cygielnik

**398**

11:10 AM

12:00 PM

Room

B220

Technology

**Create Engaging & Interactive Presentations with PearDeck**

Are your Google slideshow presentations fun, engaging and interactive or do they need a makeover? Learn how you can create presentations that visual learners will appreciate while infusing interactive slides that poll, ask questions, require drawing responses, and engage every student in your classroom.

Stephanie Albarnaz

Southeastern Regional School District

**256**

11:10 AM

12:00 PM

Room

B211

Technology

**Introduction to EDpuzzle**

Do you like the idea of using video as a way for students to access content? Are you curious about blended learning and the flipped classroom? If yes, then Introduction to EDpuzzle is for you. EDpuzzle let's you "pick a video, add your magical touch, and track your students' understanding." You can know if your students are watching your videos, prevent fast-forwarding, track how many times a student viewed each video section, and you can build in stopping points with questions and feedback to determine if they are understanding the content. Teachers can enable self-paced learning with interactive lessons by just adding their voice and questions within the video. This tool works with already existing videos from YouTube, Khan Academy, Crash Course...or upload your own. Participants are encouraged to bring their own device (Chromebook, iPad, laptop, etc.)

Ellen Gammel

Montachusett Regional Vocational Technical

**999**

1:00 PM

1:50 PM

Room

Hawthorne

Safety &amp; Health

**Student Substance Abuse**

A street-level view of student abuse, to include: signs and symptoms of use; drug identification, recognition and packaging; current trends in narcotic use; paraphernalia associated with drug use; interview techniques and prevention tips for use in school and home. The class will also briefly touch on street gang awareness and influences on gangs in the drug culture and in the classroom.

Sgt. Gregg Nadeau

MA State Police

210

1:00 PM

1:50 PM

Room D306

Administration

**Show me the MONEY Funding sources From Outside the Box**

Ms. Mitchell has spent years in education and in the non profit sector, assisting with small to capital project funding. Ms. Mitchell demystifies the grant writing process with humor and solid research for the applicants greatest success. Ms. Mitchell also will demonstrate how students can write their own grants for class innovation funding.

Jean Mitchell

Jean Mitchell

420

1:00 PM

1:50 PM

Room B203

Administration

**Vocational Directors Meeting**

Thomas Belland

BVT

268

1:00 PM

1:50 PM

Room D302

Administration

**What You Need to Lead - EQ for Educators**

Developing higher levels of EQ has been proven to be the single most powerful tool used to influence relationships and get people to trust and believe in an individual and their vision. Martin Luther King, JFK, and Steve Jobs all learned to lead through self-knowledge, self-control, and by connecting with and empowering others. With educators so busy managing more of the social and emotional skills for our young people than ever, there has never been a better time to learn and model "Emotional Intelligence", or EQ to ease the workload and get back to why educators wanted to teach, and staff works to improve the landscape of a quality education.

Mark Altman

MindsetGo

143

1:00 PM

1:00 PM

Room Epicurean Roo

All

**Human Trafficking-"Hidden in Plain Sight"**

Discussion on human trafficking- Hidden in Plain Sight, attendees will learn the indicators to human trafficking how to recognize it, the stages of human trafficking, the state of mind of victim on human trafficking (why don't they just leave) services available to victims of human trafficking including victims who are foreign nationals. Attendees will know who they need to call should they suspect an incident of human trafficking.

Peter DiMarzio

Homeland Security Investigations

329

1:00 PM

2:50 PM

Room Auditorium

ALL

**Your MTRS Benefits**

Invest time in your future, learn about Your MTRS Benefits, whether you are retiring this year or in 20 years! This seminar is focused on MTRS members in Tier 1 (established membership BEFORE April 2, 2012) but our materials and many topics covered in the program are relevant for all members of the MTRS. Learn about: MTRS benefits and services, estimating your retirement benefits under the regular and RetirementPlus formulas, various issues you need to consider in retirement, including health insurance coverage, taxation of your retirement benefit, the rules on working after retirement, Social Security—and more!

Scott Cauley

MA Teachers Retirement System

Jon Lapriore

402

1:00 PM

1:50 PM

Room D313

DESE



### VTE Framework Revision Project

DESE's Office for College, Career and Technical Education will be revising selected vocational frameworks during the summer of 2019; this will be Phase 1 of a multi-year Vocational Framework Revision Project. During the months of May and June 2019, CCTE will recruit and collect applications from Subject Matter Experts (SME's) who will work on teams to revise the applicable vocational technical framework. SME's include vocational technical teachers, academic teachers, counselors and administrators who hold Professional Licensure and have a minimum of 5 years' experience working in that role. SME's will be chosen based on the frameworks selected for revision. If there are more SME applicants for a specific framework than can be placed on the team, evaluative criteria will be implemented to score and select SME's to participate on the vocational framework team. Applicants will require Superintendent Endorsement. A consultant will be hired by July 1, 2019 to work in collaboration with CCTE to execute Phase 1. The session will be presented by Lisa Sandler, Lisa Weinstein and David Edmonds.

Lisa Sandler

DESE

Lisa Weinstein David Edmonds

166

1:00 PM

1:50 PM

Room D311

DESE



### DESE Licensure Information for Vocational Educators

This workshop is for educators who currently hold Vocational Technical Educator licenses issued by DESE. The topics covered will include how to advance a Preliminary Vocational Educator license to the Professional stage; how to extend a Preliminary license; what is required to renew a Professional Stage Vocational Educator license and more. Additional time in the workshop can be used to address educators' questions about the Licensure process.

Jamie Wilkinson

DESE

163

1:00 PM

1:50 PM

Room D309

DESE



### Industry-Recognized Credentials

As one component of the High Quality College and Career Pathways initiative, DESE and a working team of vocational administrators and industry partners compiled a list of the credentials attainable by secondary students; these are now being collected in SIMS. This will allow for analysis on specific credentials attained by students. Come hear about the status of this project and share your ideas.

Maura Russell

DESE

164

1:00 PM

1:50 PM

Room D310

DESE



### College and Career Advising for Career Vocational Technical Schools

A new College and Career Advising Program (CCA) offers high schools the opportunity to ensure students graduate college and career ready by utilizing a four year CCA Framework. This CCA Framework identifies learning objectives, activities and strategies to meet them, and a tool [My Career and Academic Plan (MyCAP)] to capture the learning in the three key domains of personal social development, career development, and academic, college, and career planning. The Department will provide an overview and Upper Cape Cod Regional Vocational Technical High School will share their newly created CCA Program and implementation plans.

Lisa Harney

DESE

Jennifer McGuire

150

1:00 PM

1:50 PM

Room D314

Pedagogy

**Tips for Efficient Evidence Collection--Part 1**

A workshop for beginning educators who need more information and clarity on the evidence collection process including a discussion of the rubric and the four evaluation standards. We will begin with a PowerPoint overview of the state evaluation process. This will be followed by two group brainstorming sessions on ideas for evidence and artifacts for Standards III and IV and the development of SMART goals. A second session will be provided next session for teachers who would like more individualized attention for their own specific needs.

Linda Millard

Keefe Tech

251

1:00 PM

1:50 PM

Room D307

Pedagogy

**Modeling: Student-Centered Instructional Design for Academic and Vocational Classes**

Looking to increase student engagement of your classroom or shop? Do you want students to productively debate and discuss solutions to content problems? Modeling Instruction is an evidence based pedagogy where students develop models based on experimentation and observation. The Modeling Method was developed to correct many weaknesses of the lecture-demonstration method of instruction typically seen in classrooms. These weaknesses include the fragmentation of knowledge, student passivity, and the persistence of naive beliefs about the physical world. This short workshop will immerse participants in a laboratory experience and analysis. You will learn the same way our students learn and experience first hand why Modeling Instruction has transformed teaching and learning.

Leah Barton

Norfolk County Agricultural High School

Ariel Serkin

235

1:00 PM

1:50 PM

Room D315

Pedagogy

**MCAS Failures?**

This discussion will focus on using targeted EDWIN data to help those students who have failed one more MCAS math exams. While the discussion will focus on math, the process of remediation is transferable to other subjects.

Michael Mahoney

South Shore Tech

296

1:00 PM

1:50 PM

Room Library

Pedagogy

**Save the Drama for Your Mama, Not Your Teacher**

Let's face it, peer relationships are not perfect. Students face conflicts and traumas in their personal lives that can interfere with their ability to focus and can even lead to behavioral issues. This workshop focuses on social-emotional development by breaking down the four components of emotional intelligence— skills necessary in building and maintaining healthy relationships. Learn how to help your students practice mindfulness, navigate through feelings like anger, de-escalate, and resolve conflicts.

Nwando Ofoknasi

Katie Brown Educational Program

324

1:00 PM

1:50 PM

Room D312

Pedagogy

**The Importance of Teaching Explicit Social and Emotional Learning (SEL) in High School**

Research suggests that students with explicit SEL instruction perform better in school, better on tests, and have fewer behavioral incidents. While educators are aware of the benefits of SEL, time, budgetary constraints, as well as lack of resources and training make it hard to implement day to day. Using a technology, such as an online curriculum, can help change that!

Cheryl Ann Bomal

Greater Lowell

Melissa Ragan

209

1:00 PM

1:50 PM

Room

D305

Pedagogy

**Quantifiable vs Quantifiable Rubrics**

Learn how to write Rubrics that take your opinion out of scoring them. Using Excel create Rubrics even a student can score (and you verify of course) on any activity or project you do in your program.

Malcolm Paradise

Minuteman Regional Vocational Technical H

264

1:00 PM

1:50 PM

Room

D210

Pedagogy

**Understanding the Performance Assessment for Leaders (PAL) Process**

This presentation is geared towards both academic and vocational aspiring principals and assistant principals. During this session, you will learn about the PAL process. The four performance-based tasks will be reviewed and concrete examples will be provided by the presenter who has actually gone through the process. This can be an overwhelming activity, but we will be here to provide as much direction and guidance as we can.

Dr. Kelly Fay

Whittier Regional Vocational Technical High Jonathan Warne

246

1:00 PM

1:50 PM

Room

D304

Pedagogy

**Mindfulness Techniques for the Classroom**

Rooted in Buddhist meditation techniques, mindfulness is a grounding and compassionate self-help approach and healing practice. This workshop will (1) describe how mindfulness can be used to promote awareness of thought and acceptance of feeling, (2) empower educators to incorporate mindfulness techniques into their classroom and home activities, and (3) connect educators with additional resources, such as useful books and videos to practice mindfulness techniques.

Lauren Wilkins

Let's Empower, Advocate, and Do, Inc. (LEAD

221

1:00 PM

1:50 PM

Room

D312

Pedagogy

**Mental Health Issues in the Shop/Classroom**

This presentation provides an overview for the most common mental health concerns we are seeing affecting our students, along with some tips to working with these populations.

Erica Thomas

Diman Regional Vocational Technical High Sc

313

1:00 PM

1:50 PM

Room

D208

Pedagogy

**Enhance Learning With Artifacts**

Integrate artifacts into the classroom to launch inquiry, draw students into the text and elicit deep student responses. Projects include Shoebox Autobiography, Paper Bag Collage, Prop Box and a Museum Exhibit to demonstrate critical thinking skills.

Barbara Cote

Bay Path Regional Vo-Tech High School

240

1:00 PM

1:50 PM

Room

D308

Safety &amp; Health

**Safety Standards and Common Hazards in Schools**

Presentation will provide a review of safety standards most applicable to school settings and common hazards cited by DLS in schools.

Arthur Pennesi

Department of Labor Standards



400

1:00 PM

1:50 PM

Room

B236

Safety &amp; Health

**Youth Safety Matters - Teachers Make All the Difference**

Learn more about OSHA's Standards and Outreach for the General and Construction Industries through educational opportunities offered through MAVA and Region 1 OSHA Training Institute Education Center. Support young workers' health and safety by learning more about OSHA's standards and best practices. Integrate enhanced occupational safety and health hazards information into the vocational environment. Hundreds of teachers in Massachusetts have stepped up their knowledge and competencies by attending OSHA Standards courses, and now there's even more reason to participate! Now, teachers have another professional development opportunity. OSHA #510 Construction Standards and OSHA #511 General Industry Standards courses meet the criteria to earn three (3) academic credits for undergraduate or \*graduate study. Newly licensed teachers can take one (1) OSHA standards course as a substitute for one of the science electives. Veteran teachers can take OSHA #510 or OSHA #511 to satisfy PDP requirements for re-licensure. Teachers can register to attend OSHA standards courses with or without academic credit.\*Graduate study requires additional requirements to earn graduate credit available through Fitchburg State University ALL Chapter 74 teachers in the Commonwealth of Massachusetts are required to teach Strand 1 of the vocational frameworks which incorporate safe work practices. These frameworks follow OSHA standards which makes OSHA Standards course(s) ideal for ALL Chapter 74 teachers. The discipline specific OSHA Standards course is also a prerequisite for the Occupational Safety and Health Outreach Trainer course for those teachers electing to become OSHA Outreach Trainers. Whether you are on the path to obtain your initial licensure or working towards recertification, MAVA is your trusted resource for training and education. Teachers can help prevent injuries, illness and fatalities through effectively applied safety education. OSHA learning objectives support your efforts.

Jean George

MAVA

Diane Malachowski

274

1:00 PM

1:50 PM

Room

D211

Safety &amp; Health

**Radon and Radiation - Health Impacts**

Radon is the leading environmental cause of lung cancer in the US. Learn how to test and mitigate radon in your home or school if it is a problem. Other types of radiation exposure will also be addressed.

Eugene Benoit

US EPA

255

1:00 PM

1:50 PM

Room

B218

Technology

**Imagine What You Can Do with Google?**

Participants will receive a demo-slam style overview of various Google for Education Tools as well as Add-Ons and Extensions to enhance the use of Google tools. The objectives for the session will include: select Google tools that best enhance instructional purposes and goals; and utilize Google tools in developing lessons that infuse technology into teaching and learning. Participants will see demonstrations on and have an opportunity to try: Google Slides (including PearDeck Add-on, Slides Carnival, and grouping/differentiation for collaboration via Google Classroom) and Extensions (including Yet Another Mail Merge, InsertLearning, and Read & Write for Google). Participants are encouraged to bring their own device on which they will have access to Chrome and their Google account (Chromebook, Laptop, etc.)

Ellen Gammel

Montachusett Regional Vocational Technical



**186**

1:00 PM

1:50 PM

Room

B233

Technology

**Learning Management Systems (LMS)**

Keep hearing the term LMS? Interested in finding out more about them? Come check out an overview of Blackboard, Moodle, and Canvas. Explore their options, free vs. paid plans, and find out the best ways to utilize these in your classroom.

Rebecca Cygielnik

**392**

1:00 PM

1:50 PM

Room

B206

Technology

**Getting Started with Google Classroom!**

You've seen the resources on Google Classroom and get overwhelmed. Is this you? "There are so many resources I don't know where to start. Can't someone just SHOW me already?!" This beginner level workshop is for you. From creating classes to navigating the Stream, Classwork, and People tabs, to posting, correcting, and returning assignments, this hands-on beginner workshop will help get your Google Classroom up and running in no time! Leave this workshop with the confidence to use Google Classroom in your classes and a comprehensive list of resources that will help bring your classroom communication and collaboration to the next

Talitha Oliveri

Hopedale Jr. Sr. High School

**396**

1:00 PM

1:50 PM

Room

B220

Technology

**Blending Instruction with Schoology**

Recently our school district implemented distance learning days. Learn how Schoology, a powerful learning management system (LMS), allows teachers to create online course spaces, post content and gives both students and their parent(s)/guardian(s) 24/7 access. Teachers can post, upload, collect, grade and track class analytics. Additionally teachers can organize, individually assign, award student digital badges, take attendance, grade using rubrics and more. In this workshop, participants will have a chance to learn about the powerful features Schoology offers, create a free account and join a Schoology classroom. Participants will leave knowing the basis to begin using Schoology with their students.

Stephanie Albernaz

Southeastern Regional School District



156

2:00 PM

2:50 PM

Room D308

DESE



### Safety Updates

In this session, we will discuss how to maintain a safe work environment. It will cover safety requirements for CVTE Shops, Related Spaces, Outside Construction Projects and Cooperative Education placement sites. There will also be a review of safety inspection procedures and reporting.

David Edmonds

DESE

152

2:00 PM

2:50 PM

Room D309

DESE



### Using CVTE Data for Program Improvement (2nd one)

Did you know that with DESE data resources, districts can examine Perkins Indicators, enrollment and other trends to help improve programs and help prepare all students for life after high school? Consistent with Perkins V, teams can review this information alongside local information to draw conclusions and help strengthen programs for your students. We'll cover several reports in DESE's secure data portals. We'll show you where to find the reports, ask for your feedback, and share examples of how schools are incorporating these into school data routines to help improve programs and help prepare all students for life after high school. Participants are invited to bring laptops and pull up data resources during the session.

Jennifer Appleyard

DESE

Larry DeSalvatore

154

2:00 PM

2:50 PM

Room D310

DESE

### Mass Girls in Trade



This session will provide information on apprenticeship programs in the building trades as well as strategies for creating and maintaining a supportive classroom and shop environment. We will be joined by Mary Vogel of Building Pathways, and a panel of student leaders from Mass Girls in Trade, who will discuss activities that support CVTE programs and encourage students to pursue rewarding careers in the building trades.

Maura Russell

DESE

159

2:00 PM

2:50 PM

Room D311

DESE



### DESE Licensure Information for Academic Educators

This workshop will address updates from the Licensure Office with an emphasis on Academic Licensure (as opposed to Vocational licensure). Academic teachers will have the chance to ask questions related to the Licensure process. Much of the discussion will be guided by the questions asked by participants.

Jamie Wilkinson

DESE

187

2:00 PM

2:50 PM

Room D211

Pedagogy



### The Career and Technical Education Instructor: Roles and responsibilities in the team process and the development of compliant and effective IEP's and Transition Plans

The career and technical education instructor plays a vital role in the development of compliant and effective transition planning in the Individualized Education Program (IEP). This session will examine the components of the IEP, legal standards, vocational education act, and guide participants where to extract essential information from the IEP, and review the roles and responsibilities of the career technical education instructor in the team process.

Michael Dolan

Keefe Technical School

198

2:00 PM

2:50 PM

Room D306

Pedagogy

**Lose the Chaos in the Classroom**

Is the beginning of your class or shop CHAOTIC because your students “need” something from you? Are you tired of constantly answering the same questions related to missing work, deadlines or exam dates? This workshop is packed with helpful strategies devoted to organizing your shop, theory or classroom so the students can manage their paperwork and obligations, and become self-directed learners. There are also many tips for developing and maintaining consistent classroom procedures which will save you valuable time and energy. Whether you are a veteran teacher or a new teacher, shop or academic instructor, we are sure you will leave with valuable, time saving strategies that are easy to embed in your curriculum delivery.

Lynn Fleischer

Cape Cod Regional Technical High School

Domenic Bachand

234

2:00 PM

2:50 PM

Room D315

Pedagogy

**Encouraging Literacy Across Academic and Vocational Environments**

Learn a few simple, straightforward techniques for incorporating high-interest reading that is relevant to your specific field and that will engage your students and increase their literacy

Christy McKee

Shawsheen Valley Vocational High School

Kristin Doucette

311

2:00 PM

2:50 PM

Room D314

Pedagogy

**Developing an Evidence Portfolio for Teachers Part 2**

This session will be focused on those who need more information and clarity on the evidence collection process. This session will offer individualized assistance on evidence collection, adjustments to practice, as well as answering specific questions on the evidence collection process and organizing and indexing your portfolio submissions.

Linda Millard

Keefe Tech

418

2:00 PM

2:50 PM

Room D102

Pedagogy

**Financial Literacy; Real Curriculum for Real People for Real Use**

FitMoney is a Massachusetts-based nonprofit that provides free and flexible curriculum in a tested modular approach applied over a multiyear period to reinforce key financial literacy tools and skills. FitMoney's core mission is to build "financially fit" communities by providing financial literacy education that empowers students to gain confidence, develop sound financial habits, and create a healthy, lifelong relationship with money matters.

Mark Williams

FitMoney

257

2:00 PM

2:50 PM

Room D208

Pedagogy

**Playing With Grammar**

Tired of boring grammar drills and ubiquitous grammatical errors? Play interactive, fun games that help strengthen grammatical skills. Watch students transition from grammatical acquisition to the development of powerful language.

Barbara Cote

Bay Path Regional Vocational Technical High

291

2:00 PM

2:50 PM

Room B205

Safety &amp; Health

**Dating Violence 101**

What is relationship violence? How do I know if I am in a violent relationship? Learn about the types of violence, power, and control dynamics in relationships, understand the difficulties associated with leaving a violent relationship, how to help a friend and available resources within your community. Participants will have the opportunity to take part in interactive activities and engage in meaningful discussions.

Angela Marandola

Katie Brown Educational Program

Rowan McKenna

202

2:00 PM

2:50 PM

Room D305

Safety &amp; Health

**Recognizing and Supporting Students' Mental Health Needs in the Classroom**

This presentation will focus on supporting students' mental health needs within the classroom. It will include common warning signs of prevalent mental health conditions (e.g. depression, anxiety, ADHD, trauma, oppositional/defiant behavior) and ways for teachers and school staff to respond to such signs. It will also discuss strategies for teachers and school staff to create supportive classroom environments for students' mental health and social-emotional-behavioral needs.

Shannon Barry

Assabet Valley Regional Technical High School

239

2:00 PM

2:50 PM

Room D302

Safety &amp; Health

**Become a GMO Investigator**

Regardless of where you stand in the GM (genetically modified food) debate, wouldn't it be interesting to know which foods you eat are GM foods? This hands-on workshop teaches basics of DNA extraction, PCR, and electrophoresis and how they are used to test grocery store food products for the presence of GM foods.

Tamica Stubbs

Bio-Rad Explorers

Norman Rousseau

397

2:00 PM

2:50 PM

Room B217

Technology

**Unlock Creative Teaching Strategies With PowToon**

Instead of asking your students to write a book report to show mastery, ask them to become a storyteller and movie producer by creating an animated video. In this workshop participants will discuss ways teachers can incorporate PowToon into their classroom and learn how to use PowToon's platform, their library of styles, characters, backgrounds and video to create engaging videos.

Stephanie Albernaz

Southeastern Regional School District

391

2:00 PM

2:50 PM

Room B206

Technology

**Google Classroom: Taking it to the Next Level and Beyond**

You use Google Classroom, have a handle on the basics, and wonder what else you can do to step up your game. This intermediate to advanced level workshop will follow the 15:15:15 model - 15 minute Google Classroom interactive presentation, 15 minute group breakout, and 15 minute shareout. The presenter will share an overview of recent Google Classroom updates and organizational tips in addition to a variety of apps that interface with Google Classroom. During the breakout and shareout sessions, attendees will look at each others Classrooms, collaborate on best practices and create Google Classroom exemplars - leaving ready to take their Google Classroom to the next level and beyond!

Talitha Oliveri

Hopedale Jr. Sr. High School

414

2:00 PM

2:50 PM

Room D210

Technology

### **Using a Web-Based System to Manage Your Cooperative Education Program**

Learn how you can use web-based career management platform, College Central Network (CCN), to manage your Cooperative Education program online. CCN will create electronic versions of your Cooperative Education forms and digitally distribute the forms to reviewers so that all input and approvals can be gathered digitally, eliminating the need for paper documents.

Joe Pitta

Minuteman High School

Katherine Lanigan

193

2:00 PM

2:50 PM

Room B102

Technology

### **Spark Your Creativity in the Classroom with Adobe Spark**

It's hard to create compelling visual content for your classroom and in a world of Instagram and Snapchat your students are looking to do more with their own visual projects. What's even harder is trying to use complicated software or over-priced design suites. Maybe you want to create fresh online twists on classic content types like flyers, brochures, or presentations. Maybe you're looking to share communication with parents like what you're working on, magazine style blog posts, or explainer videos to keep people up to date. Adobe Spark lets you and your students do all that and more from one easy-to-use online dashboard that requires less time than it takes to drink a cup of coffee. Oh, and did I mention it's free?

Kelly LaMarre

Assabet Valley Regional Technical High School

179

2:00 PM

2:50 PM

Room D312

Technology

### **Using Social Media to Build Professional Skills & Boost Student Employability**



This session focuses on how the adoption of a curriculum that focuses on the professional use of social media, specifically LinkedIn, can benefit students, teachers, administrators and your CTE program as a whole. Students learn the importance of a polished, professional digital presence. Teachers learn to build relationships within industry that provide a conduit to internships and future employment for their students. Administrators learn how to improve the accuracy and efficiency of annual state reporting. And the CTE program as a whole then benefits from increased visibility within the student, parent and corporate communities.

Mark Hewitt

Socially Savvy

Rachel Mezzatesta

900

2:00 PM

2:50 PM

Room Library

Pedagogy

### **Save the Drama for Your Mama, Not Your Teacher**



Let's face it, peer relationships are not perfect. Students face conflicts and traumas in their personal lives that can interfere with their ability to focus and can even lead to behavioral issues. This workshop focuses on social-emotional development by breaking down the four components of emotional intelligence— skills necessary in building and maintaining healthy relationships. Learn how to help your students practice mindfulness, navigate through feelings like anger, de-escalate, and resolve conflicts.

Nwando Ofoknasi

Katie Brown Educational Program

901

2:00 PM

2:50 PM

Room

B203

Pedagogy

**Expanding Access to CTE Programs**

Program Administrators from Greater Lawrence Technical School and Lawrence High School will share information about the successful first year pilot of the GLTS/LHS Access to CTE Partnership program. Hear about what we learned in our first year administering the program and plans for expansion. Topics will include scheduling, busing, funding, and student success stories.

Bennett Elizabeth

Greater Lawrence

Odanis Hernandez

998

2:00 PM

2:50 PM

Room

Hawthorne

Safety &amp; Health

**Street Gangs and Students**

This class will provide a hard hitting, street level view of gangs and how they affect your students. Discussion will include: street gang identifiers – colors, paraphernalia, indicia, etc.; how to identify potential gang members & what motivates them; safety issues specific to dealing with gang members; interview techniques specific to gang members; behavioral red flags & pitfalls which could escalate a routine encounter

Sgt. Gregg Nadeau

MA State Police

## VISIT THE TRADESHOW!

9:00 AM - 1:30 PM

THURSDAY

Visit the tradeshow and meet the vendors who support our conference.

**Your entry ticket is in your packet!**

Find the Vendors with the stamps and drop the completed ticket in the drawing box before you leave.

The winners will be drawn

**Thursday at 3 PM**

in the auditorium.

**You must be present to win!**



- 1) \$400
- 2) \$200
- 3) \$200
- 4) \$100
- 5) \$100
- 6) Vendor Prizes

Prizes awarded to registered conference participants only.



Thursday Barbeque Lunch

12:00 - 1:00PM

## MENU

**St. Louis Ribs  
Chicken Breasts  
Sirloin Burgers  
All Beef Hot Dogs**

**Potato Salad  
Cucumber Salad  
Tossed Green Salad**

**Brownies**

**Lemonade**

**Grab a table and enjoy lunch  
with old and new friends.**





# THURSDAY JUNE 27

## SCHEDULE BY STRAND

### Academics

**317**

8:00 AM

8:50 AM

Room

D306



#### Anxiety and School Performance

Anxiety that students experience not only challenges academic progress, but also significantly affects behavior. This workshop will review how anxiety affects student behavior and performance, and strategies that can be employed to help students effectively manage the demands of school and home.

David Gotthelf

Middlesex Partnership for Youth, Inc.

**253**

9:00 AM

9:50 AM

Room

D306

#### An Intro to Vocabulary.com: Closing student vocabulary gaps with healthy competition

In this session, educators will be introduced to Vocabulary.com, a program geared towards helping students improve their vocabulary skills in all content areas, both vocational and academic. Teachers will learn how to assign vocabulary lists to their classes, create their own lists, assign quizzes or "vocab jams," and monitor their students' individual progress as they attain vocabulary mastery skills. At the same time, students compete with each other, their teachers, their own school, and other schools around the country in a vocabulary mastery competition.

Trish Beaudoin

Diman Regional Vocational Technical High Sc

**258**

10:00 AM

10:50 AM

Room

D306

#### Your Brain on Curiosity

Explore why curiosity matters. Encourage it in your students, and learn how to model it. Create a Curiosity Hook for every lesson. Mix mystery, intrigue, exploration, and surprise, key components of curiosity into your lesson plans.

Barbara Cote

Bay Path Regional Vocational Technical High

**326**

11:00 AM

11:50 AM

Room

D306

#### Planning with the End in Mind

How to successfully plan writing curriculum in your district.

Kevin Braga

Bristol County Agricultural High School

**325**

1:00 PM

1:50 PM

Room

Gym

#### Academics Trade Show Visit

**224**

2:00 PM

2:50 PM

Room

D306

#### Flipped Out: Transforming Blanded Learning into Blended Learning

This hands-on presentation will showcase steps and digital tools (mostly free) to improve efficiency and personalize learning in an engaging manner in any classroom setting, vocational or academic. Participants will learn how to create dynamic, interactive material, how to construct a class page, how to incorporate online assessments, and how to transform their own classroom into a blended learning environment.

Bruce Girouard

Minuteman High School

Eric Marshall

# Administration

**318**

8:00 AM

8:50 AM

Room D308

## Restorative Justice

Traditional school discipline does not always help students take responsibility and be accountable for their behaviors and realize how those behaviors reverberate through the school community. Restorative Justice helps to change behavior, allows the victim to be heard, and acknowledges that a harm has been done. This workshop will educate participants about the Restorative Justice approach and give them the tools necessary to expand disciplinary alternatives employed in their school and community.

Rich Catrambone

Middlesex Partnership for Youth, Inc.

**333**

9:00 AM

9:50 AM

Room D308

## Reduce Toxics, Reduce Risk! New Tools for Purchasing Safer Shop Products

Many products used in the trades can pose health risks such as cancer, reproductive effects, asthma, as well as safety hazards such as fire. This session will provide information on reducing these hazards in vocational shops including the types of health and safety hazards in products used in the trades; tools and sources available to select less hazardous products; safer processes, pollution prevention and personal protection strategies to reduce risks. Technical assistance and grant resources will be provided.

Lynn Rose

Toxic Use Reduction Institute, UMass Lowell Felice Kincannon

**341**

10:00 AM

10:50 AM

Room Gym

## Administration Trade Show Visit

**399**

10:00 AM

10:50 AM

Room D308

## You are a New Administrator--Now What? Part II (You did not need to attend Part I

This very successful session was offered as a breakout at the March General Membership Meeting. Due to popular demand it is being continued and has been designed for those administrators who are new or relatively new to their roles. We understand that the work can be daunting. Three outstanding educators have volunteered to share their experiences with you: Eric Duda, Assistant Superintendent, Pathfinder Regional Technical School, Heidi Riccio, Superintendent Director, Essex North Shore Regional Technical School and Joe Bianca, Principal at Smith Vocational. They clearly understand that it is not easy being GREEN. They are prepared to share what they have learned and will allow ample time for dialogue on topics such as avoiding potential obstacles, value of networking and best practices. Most important--WHAT CAN MAVA DO FOR YOU?

Eric Duda

Pathfinder Regional Technical High School

Joseph Bianca

**330**

11:00 AM

11:50 AM

Room D308

## Women In The Trades Summit

Create an event that will feature a track for students and a track for educators, providing an overview of opportunities, educational workshops, and encouragement for our young women to continue a career pathway in skilled trades. How to invite tradeswomen working in the field, and learn how high school girls in trades programs can leverage the uptick in building projects and opportunities for high-paying careers in the construction industry.

Rebecca McInnis

Quincy High School

**399**

10:00 AM

10:50 AM

Room D308

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Eric Duda

Pathfinder Regional Technical High School

Joseph Bianca

**330**

11:00 AM

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Room D308

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Rebecca McInnis

Quincy High School

**266**

1:00 PM

1:50 PM

Room D308

**Beyond Engagement**

This interactive program redefines classroom dynamics and empowers school faculty with new techniques that harness students' passions, foster approachability, build trust, and strengthen relationships for higher levels of student engagement. Specific modules include creating a physical environment to engage students, promoting social development and group responsibility, and facilitating learning experiences that promote autonomy, interaction and choice. Participants will use mindfulness and empathic strategies to inspire students to express their ideas, needs, wants and feedback confidently.

Mark Altman

MindsetGo

**267**

2:00 PM

2:50 PM

Room D308

**Mastering the Communication Channels**

This program allows principals to improve and maximize their ability to influence and persuade while becoming a more effective communicator. The main way principals communicate with the community is through weekly update emails. How does a principal "message" their electronic communication? How can these be written to best influence the community? How best to keep superintendents informed without bogging them down with the details, and how can one be an effective communicator in front of the school committee? These questions and many others are addressed in this interactive program.

Mark Altman

MindsetGo

# Advanced Manufacturing

**290**

8:00 AM

8:50 AM

Room B112

## Laser Engraver in Manufacturing

Uses and integration of Laser Engravers in your program using Universal Laser Systems' Laser Engraving and Marking systems.

Mark O'Bryan

Technical Education Solutions

Don Schaer

**342**

9:00 AM

9:50 AM

Room Gym

## Advanced Manufacturing Trade Show Visit

Larry Retelle

Shawsheen

**279**

10:00 AM

10:50 AM

Room B112

## Starrett NC3 Precision Measurement Instruments

Precision measuring is the cornerstone of quality in products and services many people rely upon each day. Starrett, Snap-on and NC3 combined their industrial experience and expertise to create a certification that includes hands-on training on instruments that are vital to engineering, manufacturing, aerospace, power generation, and natural resources, to name a few. Those who earn this certification will be proficient in the use of a variety of instruments ranging from tapes and rules to calipers and micrometers.

Kevin Killay

Montachusett Regional Vocational Technical

**280**

11:00 AM

11:50 AM

Room B112

## MACWIC Credential Testing & Partner School Educator Resources

Train the Trainer & More: Refresher on LearnCNC interactive software (includes modules in Blueprint Reading, Metrology, CNC, etc.), MACWIC Partner School Updates, Resources & Best Practices. Resources including LearnCNC provided at no cost via MassMEP/WPI funding.

Wendy Storm

MassMEP (MACWIC)

Matt Healy

**293**

1:00 PM

1:50 PM

Room B112

## Titans of CNC Academy & HTEC

Integrating the Titans of CNC Academy into your Advanced Manufacturing program. Benefits of HTEC Membership and information about Regional and National HTEC Conferences

Brian Cummings

Worcester Technical High School / MAVA CF

**343**

2:00 PM

2:50 PM

Room B112

## Collaborating With Colleagues

Networking and Best Practices in Your CTE Program

# Animal Science

323

8:00 AM

8:50 AM

Room

D309

## Explaining Different Genetic Concepts

One of the sources I use to explain different genetic concepts is the genetics of the Cornsnake (Pantherophis guttatus) due to this species having representations of wildtypes (locales), dominance, incomplete dominance, and single and multi-gene recessive traits. While there are many animals one could use to represent varying genetic concepts (which I do use) .. I like the cornsnake because there are many traits to work with in many combinations accounting for many variable morphs.

Alan Cunningham

Norfolk Co. Agri. High School

176

9:00 AM

9:50 AM

Room

D309

## OSHA in Veterinary Hospitals

Presenting information on OSHA training specific to veterinary hospital employees / animal health.

Julia Lobel

Hamilton Wenham Veterinary Hospital

191

10:00 AM

10:50 AM

Room

D309

## Fear Free: Recognizing and Reducing Stress in Animals

“Nobody gets into this profession to make life worse for animals,” says “America’s Veterinarian” Dr. Marty Becker, creator of the Fear Free® initiative. But, unfortunately, when we fail to recognize and treat animals’ signs of stress, we often inadvertently do just that. Whether at the veterinarian, the groomer, or at home, there is a lot we can do to help improve and enrich animals’ lives. How do you recognize signs of stress in dogs and cats and, more importantly, what can you do to help them when you see those signs? Fear Free Education Manager Lori Chamberland will discuss what Fear Free is and why it matters to veterinary professionals, pet owners, trainers, groomers, and anyone who loves animals. Fear Free has become one of the single most transformative initiatives in the history of companion animal practice, with more than 43,000 veterinary and pet professionals committed to becoming Fear Free Certified®.

Lori Chamberland

Fear Free

344

11:00 AM

11:50 AM

Room

Gym

## Animal Science Trade Show Visit

Rebecca Smith

Essex

170

1:00 PM

1:50 PM

Room

D309

## SCRUB: Science Creates Real Understanding of Biosecurity (Hands on Lab)

The SCRUB (Science Creates Real Understanding of Biosecurity) Kit is a stand-alone resource designed to provide supplemental hands-on activities which support an online Biosecurity educational tool directed towards youth. Each SCRUB Activity Kit contains a detailed guide of classroom activities for instructors, and a complete inventory of materials needed to engage youth in the activities in a classroom or club setting. Attendees will participate in a hands on example of a SCRUB activity during this workshop.

345

2:00 PM

2:50 PM

Room

D309

Kris Hiney

## Collaborating With Colleagues

Networking and Best Practices in Your CTE Program

Rebecca Smith

Essex

## Auto Collision

**305**

8:00 AM

9:50 AM

Room

A103

### Megatech Electronic Simulator Training

Review the basics of electrical and electronic circuits used in the modern automobile and practice using a digital multimeter. In this workshop, you will use electrical and electronic training circuit boards from Megatech to simulate fault tracing procedures used on the car.

Dave Kapitulik

Megatech Corporation

**304**

10:00 AM

11:50 AM

Room

A103

### Power Accessories I-CAR PWR01

Understand how to test power accessories and diagnose electrical and mechanical failures; understand windshield wiper operation and parts; know how to check and diagnose mechanical and electrical failure in power mirrors and antennas; understand considerations around power seat operation and repair; understand power window, door lock, and sunroof operation and repair; recognize operation of power sliding doors and repair considerations; understand horn operation and repair procedures.

Seth Elie

I-CAR

**346**

1:00 PM

1:50 PM

Room

A103

### Auto Collision Trade Show

Richard Sauro

**347**

2:00 PM

2:50 PM

Room

A103

### Collaborating with Colleagues

Richard Sauro

## Auto Technology

**308**

8:00 AM

8:50 AM

Room

A111

### Reducing the Use of Toxic Chemicals In Auto Shops

The Toxics Use Reduction Institute at UMass Lowell assists industries, small businesses, and communities reduce the use of toxic chemicals to provide healthier spaces for workers, students, and the public. The TURI small business program will present on our work with auto repair and body shops - by helping to find alternatives to solvents and other chemicals. We will specifically focus on the projects undertaken by the Assabet Collision and Auto Tech programs. A demonstration of new equipment will take place.

Joy Onasch

TURI, UMass Lowell

Lynn Rose

**335**

9:00 AM

9:50 AM

Room

A111

### What is New in Auto Tech?

After market parts for OE repairs

Charles Hosea

Dorman Products

Lester Kovacs



**351**

10:00 AM

10:50 AM

Room

Gym

**Auto Tech Trade Show**

Daniel Capuano

Assabet

**310**

11:00 AM

11:50 AM

Room

A111

**Easy Access - Free Training Resources for Automotive Education.**

The presenter will discuss various free teaching resources available to Automotive Instructors. Including 45 Tips to Improve Your Program's Viability--The Manual for Success. Attendees will also receive access to a free online Engine Management Troubleshooting System for use in the classroom.

Joe Zahra

JZA Training Systems Inc.

**995**

1:00 PM

1:50 PM

Room

A111

**Tru Video**

TruVideo is an easy-to-use, dealer-founded app that allows your service technicians to shoot and send video to your customers. Now, people can see and understand what needs to be repaired and why. With one or two videos, automotive dealers can earn customer trust and loyalty that used to take years to build.

Chris Nutting

TruVideo

**352**

2:00 PM

2:50 PM

Room

A111

**Collaborating with Colleagues**

Networking and Best Practices in your Automotive Technology

Daniel Capuano

Assabet

**Biotechnology/Engineering Technology****203**

8:00 AM

8:50 AM

Room

B101

**The Case for Introducing Biological and Environmental Engineering**

By focusing on human wellness and a clean and sustainable environment, inspire your students in applying engineering methods to the biological world. This presentation will take a one hour journey into the impacts, ethics and possibilities of engineering the biological world through case studies.

John Kelly

Blackstone Valley Regional Vocational HS

**147**

9:00 AM

9:50 AM

Room

B101

**The Opioid Epidemic: Exploring the Genetic Associations of Opioid Abuse**

Opioid abuse is prevalent in the U.S. Students take on the role of researchers as they design an experiment utilizing a fast electrophoresis protocol of pre-amplified DNA samples that predicts addiction risks for opioid abuse, treatment, and implications to precision medicine based on a patient's genotype.

Tamica Stubbs

Bio-Rad Explorers

**353**

10:00 AM

10:50 AM

Room

Gym

**Biotechnology/Engineering Trade Show**

Kim Stencel

Assabet

**389**

11:00 AM

11:50 AM

Room

B101

**Creating a Standard Biotech Certification**

Many fields with technical certifications. EMT, CNA, Cosmetology, and many more. Is there a need for a state standard technical certification that Biotech Vocation students can earn? This presentation is a forum to discuss and explore this option among the Biotechnology instructors and other interested parties.

Patrick Rafter

Minuteman

**233**

1:00 PM

1:50 PM

Room

B101

**Sharing Best Practices within Vocational Biotechnology**

This presentation will discuss pathways for Massachusetts Chapter 74 Biotechnology programs to collaborate. The objective of this presentation will be to provide information for how by partnering, programs will be able to expand and include new elements including statewide certifications in Biotech, SkillsUSA competitions and Coop opportunities. This presentation will include a round-table discussion to allow for collaborations.

Maria Bennes

Assabet Valley

**405**

2:00 PM

2:50 PM

Room

B101

**Collaborating with Colleagues**

Networking and Best Practices in your Biotechnology/Engineering Programs

Kimberly Stencel

Assabet

## Business Technology & Marketing

**348**

8:00 AM

8:50 AM

Room

B220

**Strategyzer's Business Model Canvas**

Learn what's happening in the startup scene utilizing Strategyzer's one-page business plan – the Business Model Canvas. This session will teach you about the 9 building blocks needed to plan and launch a business while remaining nimble to pivot with industry trends to maintain a competitive advantage. Facilitated by seasoned executives who now are now SCORE business mentors you will help create a draft business plan in this 50 minute session.

Scott Rossiter

SCORE

**902**

9:00 AM

9:50 AM

Room

B220

**Financial Statements Dissected**

How to dissect financial statements to build your accounting instructional toolbox.

Cheney Richard

MA Small Business Development Central Offi

**395**

10:00 AM

10:50 AM

Room

B220

**395**

10:00 AM

10:50 AM

Room

B220

**Employment Law to Mitigate Risk**

What's the #Metoo movement? This session will provide an overview about employment law including managing to mitigate business risk through management behaviors and key laws that all managers should know about.

Rebecca Pontikes

Pontikes Law LLC

**334**

11:00 AM

11:50 AM

Room

B220

**Shark Tank: The Art of the Pitch**

Shark Tank contestant, David Zamarin, the Founder of DetraPel shares his secret sauce to the winning pitch. Learn what it takes to wow the judges in the hit show, Shark Tank, along with VCs, angel investors and customers in general.

David Zamarin

DetraPel, LLC

**349**

1:00 PM

1:50 PM

Room

B220

**Business Technology & Marketing Trade Show**

Sharon Dupiche-Carlista

BVT

**350**

2:00 PM

2:50 PM

Room

B220

**Collaborating with Colleagues**

Networking and Best Practices in your CTE Program

Sharon Dupiche-Carlista

BVT

## Career & College Counseling

**211**

8:00 AM

8:50 AM

Room

D310

**AP 2019 Overview Workshop**

Description: Beginning in the 2019-20 school year, AP teachers and students will have access to a robust set of new classroom resources. At the same time, some of the processes around AP Exam registration and ordering will change. All schools offering AP will implement these changes in the 2019-20 school year. This session will provide participants with information and guidance to make sure the transition is smooth.

Jenny Caccavale

The College Board

**205**

9:00 AM

9:50 AM

Room

D310

**Massachusetts State University Admissions Standards**

An overview of the admissions standards for the 9 State Universities.

Gretchen Mayhew

Fitchburg State University

**355**

10:00 AM

10:50 AM

Room D310

**Career & College Counseling Trade Show Visit**

Jennifer McGuire

Upper Cape

**299**

11:00 AM

11:50 AM

Room D310

**MA Air National Guard Opportunities and Requirements**

Massachusetts Air National Guard discussing our opportunities and how they coordinate to civilian options later. Also, how the Air Guard can build a substantial career for those just coming out of high school and college. We offer 100% tuition and fees to any state school throughout the Commonwealth. We also provide great health and dental insurance for those single or with a family.

Jonathon Fiore

Massachusetts Air National Guard

**406**

1:00 PM

1:50 PM

Room D310

**Promoting Healthy Outcomes for LGBTQ and Gender Nonconforming Students**

This session will highlight best practices for supporting LGBTQ students, with a focus on transgender and gender nonconforming students. Participants will learn strategies to increase awareness, prevent bullying and harassment, foster resilience, and be introduced to a student support form to aid counselors in promoting resilience and healthy outcomes. session will highlight best practices for supporting LGBTQ students, with a focus on transgender and gender nonconforming students. Participants will learn strategies to increase awareness, prevent bullying and harassment, foster resilience, and be introduced to a student support form to aid counselors in promoting resilience and healthy outcomes.

Jeff Perrotti

Consultant

Lauren Salva, Clinical Research

**356**

2:00 PM

2:50 PM

Room D310

**Collaborating with Colleagues**

Networking and Best Practices in Career &amp; College Counseling

Jennifer McGuire

Upper Cape

**Carpentry****407**

8:00 AM

8:50 AM

Room A113

**Supporting Girls in the Trade**

Presentation on initiatives to support females in the trades followed by an open discussion of best practices.

Maura Russell

DESE

**357**

9:00 AM

9:50 AM

Room Gym

**Carpentry Trade Show Visit****327**

10:00 AM

10:50 AM

Room A113

**Trends in Carpentry 2019 and Beyond**

This session will cover new technology that will impact Carpentry as a trade.

Gerald Simmer

Shawnlee Construction, LLC

336

11:00 AM

11:50 AM

Room A113

**Artificial Intelligence and Carpentry**

Artificial Intelligence and machine learning are here to stay. Everybody talks about it! But there are more questions than answers and it might also be a bit confusing...what is Artificial Intelligence? What do we have to know about it and why? Consider this fact: the AI market is expected to exceed more than \$191 billion by 2024 – it's not that far away from now. What does this mean for vocational technical education? And, specifically - what does this mean for carpentry and carpentry shops? Do you also want to know about artificial intelligence in construction? Join our discussion and take away some useful information for your carpentry shop. Take away new ideas, new knowledge and become a carpentry shop instructor who can not only ANSWER questions about Artificial Intelligence, but "open the doors" to artificial intelligence in your shop. Join the journey to the 21st century!

Larisa Schelkin

Global STEM Education Center, Inc

Donna Sroka

254

1:00 PM

1:50 PM

Room A113

**NCCER Construction Curriculum & Credential**

NCCER is a not-for-profit education foundation partnering with Pearson to bring the construction industry a standardized level of training along with an Industry Recognized Credential. Created in 1996 as The National Center for Construction Education and Research. More than 125 construction CEOs and various association and academic leaders united to revolutionize training for the construction industry. Sharing the common goal of developing a safe and productive workforce, these companies created NCCER as a standardized training and credentialing program. NCCER provides a consistent program of accreditation, instructor certification, standardized curricula, and certifications with industry-recognized, globally portable credentials. This presentation covers updates for the NCCER curriculum, online instructor resources, online learning with NCCERconnect as well as information about NCCER's new online testing system.

Melinda Neri

Pearson

358

2:00 PM

2:50 PM

Room A113

**Collaborating with Colleagues**

Networking and Best Practices in Carpentry

Steven Sullivan

**Computer Science, Web & Programming**

180

8:00 AM

8:50 AM

Room B102

**Adapting Strand 2 to Tomorrow's Job Market**

Strand 2 of the Massachusetts DESE ISS&N Frameworks addresses core IT skills, but it's somewhat dated for today's job market. We need to expose our students to additional technologies if they are to succeed in the emerging careers of tomorrow.

Elaine Batzer

Essex North Shore Agricultural &amp; Technical S

192

9:00 AM

9:50 AM

Room B102

**Microcontrollers in Programming and Web Development**

This session is devoted to the presentation of microcontrollers, highlighting their usefulness in the Programming and Web Development technical area. The presentation and supplemental conversations will focus on the BBC Micro:Bit and Arduino family of microcontrollers but are applicable to other variations.

Larry Lambert

Minuteman High School

COLLABORATION! TOGETHER WE ARE BETTER

## Computer Science, Web & Programming, cont.

174

10:00 AM

10:50 AM

Room

B102

### Technology in Testing: WIDA Access, MCAS, STAR

State-mandated testing has switched over to Computer-Based Testing. ACCESS testing for our English Language Learners. STARS testing for our Freshmen, a test used to see the strengths and weakness in our freshmen classes. MCAS testing for our 10th-grade students in Math and English. AccuPlacer for our 12th-grade students: used to place students in the correct Math and English class in college. How does this help our schools as well as our students?

Kim Smaltz

Worcester Technical High School

359

11:00 AM

11:50 AM

Room

Gym

### Computer Science, Programming & Web Design Trade Show Visit

David Case

220

1:00 PM

1:50 PM

Room

B102

### Cisco Networking Academy Instructor Scholarship opportunities

Cisco networking Academy is offering instructor training scholarships to Massachusetts teachers. This presentation will explain how to apply for the scholarships and outline the various courses that are available.

Bernadette O'Brien

Northeast Cisco Academy Support and Traini

360

2:00 PM

2:50 PM

Room

B102

### Collaborating with Colleagues

Networking and Best Practices in Computer Science, Programming, and Web Design

## Cosmetology

232

8:00 AM

8:50 AM

Room

B103

### Introducing the TH-2. A new innovative fast way to perform long haired coloring, straightening, smoothing services AND Google Portfolios in Cosmetology

The TH-2 is a new piece of patent-pending equipment just created to enable Cosmetologists to perform long hair Bayalage, multi-Dimensional color, Chemical Smoothing treatments and extensions in about 1/2 to 1/4th of the time. The TH-2 also maneuvers easily around the shop on hair resistant casters to accommodate multiple stylists or Cosmetology students on the salon clinic floor in the course of a day. The purpose of this presentation is to enhance instruction by showcasing the creation of student portfolios and websites, while integrating various Google Applications. Upon Completion of presentation, participants will be able to create student portfolios and websites to assist in the process of obtaining entry level salon positions.

John Taylor

Greater Lowell Technical High School

Cheryl Duarte

238

9:00 AM

9:50 AM

Room

B103

### Advanced Braiding Techniques

Advanced braiding techniques to bring a more modern look to prom and wedding season hairstyling.

Michelle Mills

Greater Lowell tech



<b>361</b>	10:00 AM	10:50 AM	Room	Gym
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### Cosmetology Trade Show Visit

Deborah Lagasse Greater Lowell

<b>182</b>	11:00 AM	11:50 AM	Room	B103
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### Milady Curriculum Update for Beauty and Wellness Programs

Karen Harris, Senior Account Manager at Milady, will discuss Curriculum Updates for Beauty and Wellness Programs, and showcase Digital Resource Options for the classroom

Karen Harris Milady

<b>188</b>	1:00 PM	1:50 PM	Room	B103
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### Current Trends and Technology within Spas and Salons

Overview of what the customer is looking for when visiting your business, expectations and the experience. Discussion on what's new and upcoming for technology available to us. Demonstrate new procedures in the esthetic world.

Melanie Morton Serenity Spa and Salon

<b>362</b>	2:00 PM	2:50 PM	Room	B103
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### Collaborating with Colleagues

Networking and Best Practices in Cosmetology

Deborah Lagasse Greater Lowell

## **Culinary Arts**

<b>321</b>	8:00 AM	9:50 AM	Room	C103
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### Nail French Macarons Every Time!

French macarons have become wildly popular, but they can be finicky to re-create in your own kitchen. Join Thao Rich, Instructor at Johnson & Wales University, as she breaks down step by step how to nail French macarons every time. Techniques on mastering these temperamental cookies as well as an array of fillings and finishing techniques will be demonstrated.

Thao Rich Johnson & Wales University

<b>363</b>	10:00 AM	10:50 AM	Room	Gym
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### Culinary Trade Show Visit

Rick McKinney Cambridge

<b>306</b>	11:00 AM	11:50 AM	Room	C103
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### ProStart a Culinary and Hospitality Management Curriculum

Learn about the ProStart Foundations Curriculum and the benefits of adopting the program in your classroom.

Jennifer Almeida Massachusetts Restaurant Association Educa

<b>148</b>	1:00 PM	1:50 PM	Room	C103
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### Mastercook Software for the Kitchen

Mastercook is an online/disc program for archiving recipes, creating nutritional analysis, and many other features for the culinary kitchen.

Gloria Cabral Bristol Community College

# Dental Assisting

**276**

8:00 AM

10:50 AM

Room D311

## Infection Control Update

Three-hour training necessary to re-certify for DANB and Registration for License Renewal in the state of MA. This presentation will demonstrate the importance of how to keep staff, students, patients, and dental offices safe while using proper CDC and OSHA guidelines and regulations.

Maureen Johnson

Tri-County RVTHS

**302**

11:00 AM

11:50 AM

Room D311

## Because You Can't See Sterile

The adage, what you can't see won't hurt you, can have disastrous consequences related to infection prevention. The ultimate goal of instrument processing is to provide sterile patient care items. The course will review the basic premise of instrument management through the entire handling, cleaning, sterilization, monitoring and storage cycle. Discussions will include instrument washers, immediate use sterilization, chemical indicators vs. integrators, wraps vs. pouches, and biological monitoring recommendations. Participants will leave this course signed, sealed and ready to deliver sterility assurance to their clinical practice! We will also cover maintaining dental unit waterlines.

Jeanmarie Reheuser

Crosstex

**365**

1:00 PM

1:50 PM

Room Gym

## Dental Assisting Trade Show Visit

Lorraine Reppucci, CDA, RDA

Shawsheen

**366**

2:00 PM

2:50 PM

Room D311

## Collaborating with Colleagues

Networking and Best Practices in Dental Assisting. Anything you want to share with the other dental assisting instructors can be e-mailed to me, and I will bring copies (lreppucci@shawtech.org)

Lorraine Reppucci, CDA, RDA

Shawsheen

# Early Childhood Education

**194**

8:00 AM

9:50 AM

Room D312

## Deputy General Counsel and Co-Administrator for the Child Care Development Fund for Massachusetts

Overview of major changes and new requirements that will impact the early education field due to changes in federal law. These changes will impact both licensed programs and license-exempt programs who receive subsidies.

Thomas Myers

Massachusetts Department of Early Education

**289**

10:00 AM

10:50 AM

Room D312

## High Quality Care

I am the owner and Director of With All My Heart Child Care, Inc. located in East Freetown, Massachusetts. I have taught in a variety of settings for 27 years.

Doreen Fouquette

With All My Heart Family Child Care

### Round Table: Emergency and Safety Procedures

This session will provide opportunity for the group to share established safety policies and emergency management procedures. The presenter will bring information pertaining to her program and encourages others to share best practices. Topics to be discussed include: evacuations, lockdowns, fire drills, allergies, emergency bags and crisis plans.

Amy Newman

Bristol-Plymouth

367

1:00 PM

1:50 PM

Room

Gym

### Early Childhood Education Trade Show Visit

Amanda Abbott

Bristol-Plymouth

368

2:00 PM

2:50 PM

Room

D312

### Collaborating with Colleagues

Networking and Best Practices in Early Childhood Education

Amanda Abbott

Bristol-Plymouth

## Electrical

309

8:00 AM

8:50 AM

Room

A109

### Creating a Partnership between Klein Tools and Vocational Electrical Programs

Learn how your school's electrical program can partner with Klein Tools. This program ensures that your electrical program will get the most up to date information on tools that are currently available for electrical workers. Student discount programs and tool awards for graduating seniors will also be discussed.

Lisa Connors

Klein Tools

369

9:00 AM

9:50 AM

Room

Gym

### Electrical Trade Show Visit

Mark Currier

236

10:00 AM

11:50 AM

Room

A109

### Updates from Board of State Examiners of Electricians

Executive Director for the Board of State Examiners of Electricians

Ada Alfonso

Board of State Examiners of Electricians

225

1:00 PM

1:50 PM

Room

A109

### Advances in Wireless Technology

Session focusing in on IoT and how Lutron can help that revolution move forward by offering homeowners full control for entertainment, cost reduction, and safety purposes.

John MacFaun

Yusen Associates

370

2:00 PM

2:50 PM

Room

A109

### Collaborating with Colleagues

Networking and Best Practices in Electrical

Mark Currier

# Graphics & Design and Visual

**213**

8:00 AM

8:50 AM

Room B124

## Defining and Understanding Digital Publishing

Adobe InDesign offers many options when it comes to digital publishing. In this course we will discuss the different types of publishing formats and the advantages and disadvantages of each. We will practice using the Publish Online function in InDesign that is included with your free Adobe account.

Dennis Whitney

Assabet Valley RTHS

**212**

9:00 AM

9:50 AM

Room B124

## Interactive Documents with Adobe InDesign CC

Learn the basics of interactive document design using Adobe InDesign. Repurpose your print design documents by adding animation, video, audio, hyperlinks, buttons, slide shows, and form fields. Publish Online allows you to share your interactive document with a link or on social media.

Dennis Whitney

Assabet Valley RTHS

**230**

10:00 AM

10:50 AM

Room B124

## A Google Sites Building Workshop

You may have heard of “Google Classroom”, but have you heard of “Google Sites”? Collaboratively create engaging, high-quality websites for your classroom, project or event. Sites look great on every screen, from desktop to smartphone. All without learning design or programming. Come ready to use the time to create a website...as easy as 1,2,3.

Brendan Flynn

Bristol-Plymouth Regional Technical School

**371**

11:00 AM

11:50 AM

Room Gym

## Graphic & Visual Design Communications Trade Show Visit

Deb Harper

Assabet

**219**

1:00 PM

1:50 PM

Room B124

## Design an App Icon

With UX Design skills being the most desirable by employers, learn how to use Illustrator to design an app button and insert it into an iOS home screen. Basic skills in Illustrator and Photoshop.

Maria Galante

Minuteman High School

**372**

2:00 PM

2:50 PM

Room B124

## Collaborating with Colleagues

Networking and Best Practices in Graphic & Visual Design Communication

Deb Harper

Assabet

# Health Services

300

8:00 AM

9:50 AM

Room B217

## Building a World Class Health Science Program

This presentation will guide you through each of the steps to obtain a standards-based health science program that prepares students for the future, while making the present engaging and fun! Participants will identify core health science standards and how to make sure they are being covered in current curriculum as well as how to prepare students for the National Health Science Assessment. Along the way, student-centered activities that meet the standards will be sprinkled into model curriculum ideas. Finally, classroom and personal professional resources are shared with teachers to make the next year, the best year ever.

Lara Morris

Natl Consortium for Health Science Educatio

242

10:00 AM

10:50 AM

Room B217

## Become a MassHealth Personal Care Attendant (PCA), Work Where and When You Want

The Personal Care Attendant (PCA) program is delivered by MassHealth to provide funds for people with disabilities to employ PCAs to assist with activities of daily living. There are over 40,000 PCAs working across the Commonwealth. PCAs are part of the larger community-based, direct care workforce that includes home care aides, home health aides, CNAs and the like. This session will cover the preferences, requirements, and benefits of the PCA job opportunity.

Lisa Marschke

UMass Medical School

277

11:00 AM

11:50 AM

Room B217

## Gray Pride: Welcoming and Working with LGBT Older Adults

A brief overview of the particular challenges, concerns, and strengths of the often-hidden older LGBT community, with a discussion about creating safe and welcoming spaces, using affirming language, and providing services and support to these frequently isolated elders.

Julie Nowak

BayPath Elder Services

373

1:00 PM

1:50 PM

Room Gym

## Health Services Trade Show Visit

Kathy Regan

Assabet

374

2:00 PM

2:50 PM

Room B217

## Collaborating with Colleagues

Networking and Best Practices in Health Services

Kathy Regan

Assabet

# Horticulture

172

8:00 AM

8:50 AM

Room

B125

## Careers in the Green Industry

The Green industry has a 5.2 Billion dollar impact in the Massachusetts economy. It is extremely broad based with landscape services and wholesale-retail trade operations existing in virtually all communities in the Commonwealth. Peter Mezitt grew up working at his family's nursery and will share his insight into both the business and technical sides of the industry including growing, distribution, supply chain, retail and services. Learn about all the types of business models that exist and myriad of opportunities for career paths students can choose from.

Peter Mezitt

Weston Nurseries, Inc.

190

9:00 AM

9:50 AM

Room

B125

## Seed Saving

We will look at native seed saving being done at Elm Bank (Massachusetts Horticultural Society) along with their seed library and how they do community outreach through seed dispersal. The seed library will be brought to the class so that participants can package seeds to go.

Hannah Traggis

Massachusetts Horticultural Society

189

10:00 AM

10:50 AM

Room

B125

## Pruning Decision Process

A guide to pruning shrubs and small trees. Understanding what you are trying to accomplish. The type of plant. The best time of year and how much can you remove without damaging the plant. Making the best possible pruning wounds.

David Anderson

Hartney Greymont

Mike Simpson

175

11:00 AM

11:50 AM

Room

B125

## Implementing a Successful Biocontrol Program For Your Greenhouse

Simple plan to set up and use a biocontrol program in your greenhouse as an alternative to using chemicals.

Kerri Stafford

Cavicchio Greenhouses Inc

375

1:00 PM

1:50 PM

Room

Gym

## Horticulture Trade Show Visit

376

2:00 PM

2:50 PM

Room

B125

## Collaborating with Colleagues

Networking and Best Practices in Horticulture

# HVAC & Plumbing

312

8:00 AM

8:50 AM

Room

B111

## Question and Answers for the Massachusetts Board of State Examiners of Plumbers and Gas Fitters.

Executive Director Larry Lemieux and Propane Gas Board Member John Cruz will take questions about the day to day operation of the Plumbing Board Office in Boston and Plumbing Board policies and procedures on meeting day. Discussion will include but not be limited to "Delegated Authority" "Executive Session" "Complaint handling process" "Variances" "Vocational School Projects" "Apprentice Plumbing Licensure" "The DPL" "Mandatory Continuing Education" "The Tier Program" "Interaction with other Government Agencies" "Plumbing Associations" "The Plumbing Code and its" "Out of State Transfers" "Reinstatement of Expired Licenses" "Massachusetts Product Acceptance" "Appeal of an Inspector's Decision" "Plumbing and Gas Fitting Permitting" and any other Board related function not listed here.

Larry Lemieux

Massachusetts Board of State Examiners of P John Cruz



**331**

9:00 AM

9:50 AM

Room

B111

**PHCC of Mass Update**

Discussion of new things happening in the Plumbing Heating and Cooling Industry

Wayne Thomas

PHCC Of MA

**303**

10:00 AM

10:50 AM

Room

B111

**Viessmann Northeast Territory Manager**

Viessmann's Purpose - "We create living spaces for generations to come"

Tom Fullerton

Viessmann

**377**

11:00 AM

11:50 AM

Room

Gym

**Plumbing & HVAC Trade Show Visit****332**

1:00 PM

1:50 PM

Room

B111

**Updates from the Department Of Public Safety**

There have been some changes made to the Refrigeration and Pipe fitting Licensure requirements. Are you up to speed?

Cesar Lastra

Department of Public Safety

**378**

2:00 PM

2:50 PM

Room

B111

**Collaborating with Colleagues**

Networking and Best Practices in Plumbing & HVAC

## Masonry & Tile Setting

**409**

8:00 AM

8:50 AM

Room

B128

**How Can We Best Leverage Industry Resources?**

With all the new and exciting changes in our industry, Henry Camosse Jr. from Camosse Masonry Supply will be discussing how we as instructors from different programs, through collaboration, can leverage industry resources efficiently to get the most out of these new opportunities.

Henry Camosse jr.

Camosse Masonry supply

**381**

9:00 AM

9:50 AM

Room

Gym

**Masonry & Tile setting Trade Show Visit**

James Bonito

Shawsheen

**243**

10:00 AM

10:50 AM

Room

B128

**Thin Veneer. History, Current Applications, Best Installation Practices**

This session will review how the material is cut, how to best trim and process the material and best installation practices

David Croteau

Shawsheen Tech

**307**

11:00 AM

11:50 AM

Room

B128

**Powder Actuated Fastening Tools**

Training and OSHA certification on the use of powder actuated fastening tools

Caleb Taft

Assabet Valley Regional Technical

## Masonry & Tile Setting, cont.

**410**

1:00 PM

1:50 PM

Room

B128

### Masonry--Our Ever Expanding Industry

Brian Scanlon, the co- executive director of (NECMA) New England Concrete Manufacturers' Association, will be giving a presentation providing us with an update on the various new programs available in the masonry field. These range from workforce initiatives and training to apprenticeship and new certification programs.

Brian Scanlon

New England Concrete Manufacturers Associ

**382**

2:00 PM

2:50 PM

Room

B128

### Collaborating with Colleagues

## Metal Fabrication

**201**

8:00 AM

8:50 AM

Room

A102

### American Welding Society Scholarship Portal Presentation.

How to navigate the American Welding Society Web page and Scholarship Portal for Teachers and Students to apply for Scholarships from the American Welding Society.

Douglas Desrochers

AWS American Welding Society

**149**

9:00 AM

9:50 AM

Room

A102

### Post High School Options for Students

Post secondary options for Welding and CNC graduates.

Nancy Getchell

Lincoln Technical Institute

Michael Phelps

**996**

10:00 AM

10:50 AM

Room

A102

### Artificial Intelligence and Metal Fabrication

Are you ready to put your HAT "thinking outside the box"? Join this session and participate in a discussion on how artificial intelligence will boost metal fabrication efficiency.

Join us to learn the role of big data and machine learning will play in metal fabrication's future (no prior knowledge in AI, Big Data or Machine Learning needed!)

Larisa Schelkin

Global STEM Education

**275**

11:00 AM

11:50 AM

Room

A102

### Massachusetts Girls in Trade

For the past few years, the Mass Girls in Trade and Student Equity Leadership group has been a powerful support mechanisms for females in nontraditional shops. Also, this initiative has strengthened awareness of registered apprenticeship programs among district personnel and increased connections between those apprenticeship programs and schools with vocational programs. This workshop will give an overview of MAGIT as well as be an opportunity for discussion and sharing best practices.

Maura Russell

DESE

**383**

1:00 PM

1:50 PM

Room

Gym

### Metal Fabrication Trade Show

**384**

2:00 PM

2:50 PM

Room

A102

### Collaborating with Colleagues

Networking and Best Practices in Metal Fabrication

## Special Populations

**419**

8:00 AM

9:50 AM

Room D313

### Developing, Implementing and Monitoring Behavior Intervention and Support Plans

This session will address the development and implementation of individualized behavior support plans for students with disabilities. It will focus on best practices in functional behavior assessments to identify student need and effective strategies.

Shannon Barry

Assabet Valley Regional Technical

**195**

10:00 AM

10:50 AM

Room D313

### Collaborative Efforts in IEP Transition Planning between Guidance and Special Education Staff

What are best practice collaborative efforts between Guidance and Special Education staff in order to effectively formulate an a student's Post Secondary Plan? Let's work smarter, not harder!

Sharon Faucher

Educational Consultant

**196**

11:00 AM

11:50 AM

Room D313

### Student Discipline

This training will focus on Massachusetts laws which address student discipline in all types of public schools. Specific focus will be placed on notice and procedural obligations pertaining to in school suspension, short term suspension and long term suspension as currently defined under Massachusetts law. The training will also review applicable special education laws and the disciplining of students on 504 plans and IEPs, and will cover school district responsibilities, including convening TEAM meetings to conduct manifestation determinations, and the provision of special education and general education services while students are out of school on suspension.

Mary Ellen Sowyrda

Murphy, Hesse, Toomey &amp; Lehane, LLP

**385**

1:00 PM

1:50 PM

Room Gym

### Special Populations Trade Show Visit

Dr. Charla Boles

Assabet

**386**

2:00 PM

2:50 PM

Room D313

### Collaborating with Colleagues

Networking and Best Practices in Special Populations

Dr. Charla Boles

Assabet

## Video, Radio and TV Broadcasting

**145**

8:00 AM

8:50 AM

Room B126

### Podcasting Basics

Learn the basics of podcasting, how to setup a studio, how to record your podcast, and how to upload it to streaming platform.

Zachary Baldino

The Production House

## Video, Radio and TV Broadcasting, cont.

288

9:00 AM

9:50 AM

Room

B126

### Studio Collaboration - Construction Contractors & Lighting

This seminar will touch on how important the collaboration is between studio construction contractors and how to avoid costly pitfalls during the construction process. Also discussed will be achieving quality images using 'low budget' lighting - not everyone is in a position to purchase high-end lighting gear - 'Gorilla Lighting 101'. Your presenter, Jonathan Lipsy, is a 30-year veteran in the lighting arena. He has constructed over 250 studios for broadcast facilities, colleges & universities, K-12 schools and corporations.

Jonathan Lipsy

Integrated Solutions Group

403

10:00 AM

10:50 AM

Room

B126

### 'Quiz Show,' Student Revival A How-to Guide

Learn how to design a television course or project for student teams to collaborate in researching, reviving, designing, and broadcasting a television quiz or game show series.

Todd Robbins

Watertown High School

387

11:00 AM

11:50 AM

Room

Gym

### Video & TV Broadcasting Trade Show Visit

Bill May

Assabet

404

1:00 PM

1:50 PM

Room

B126

### Make Radio Waves: Career Collaboration via Radio Broadcasting

Learn how to refine students' career-ready skills via the radio broadcasting industry. We will discuss how to set up a course where student teams collaborate to design, develop, and broadcast a live radio program series.

Todd Robbins

Watertown High School

388

2:00 PM

2:50 PM

Room

B126

### Collaborating with Colleagues

Networking and Best Practices in Video & TV Broadcasting

Bill May

Assabet

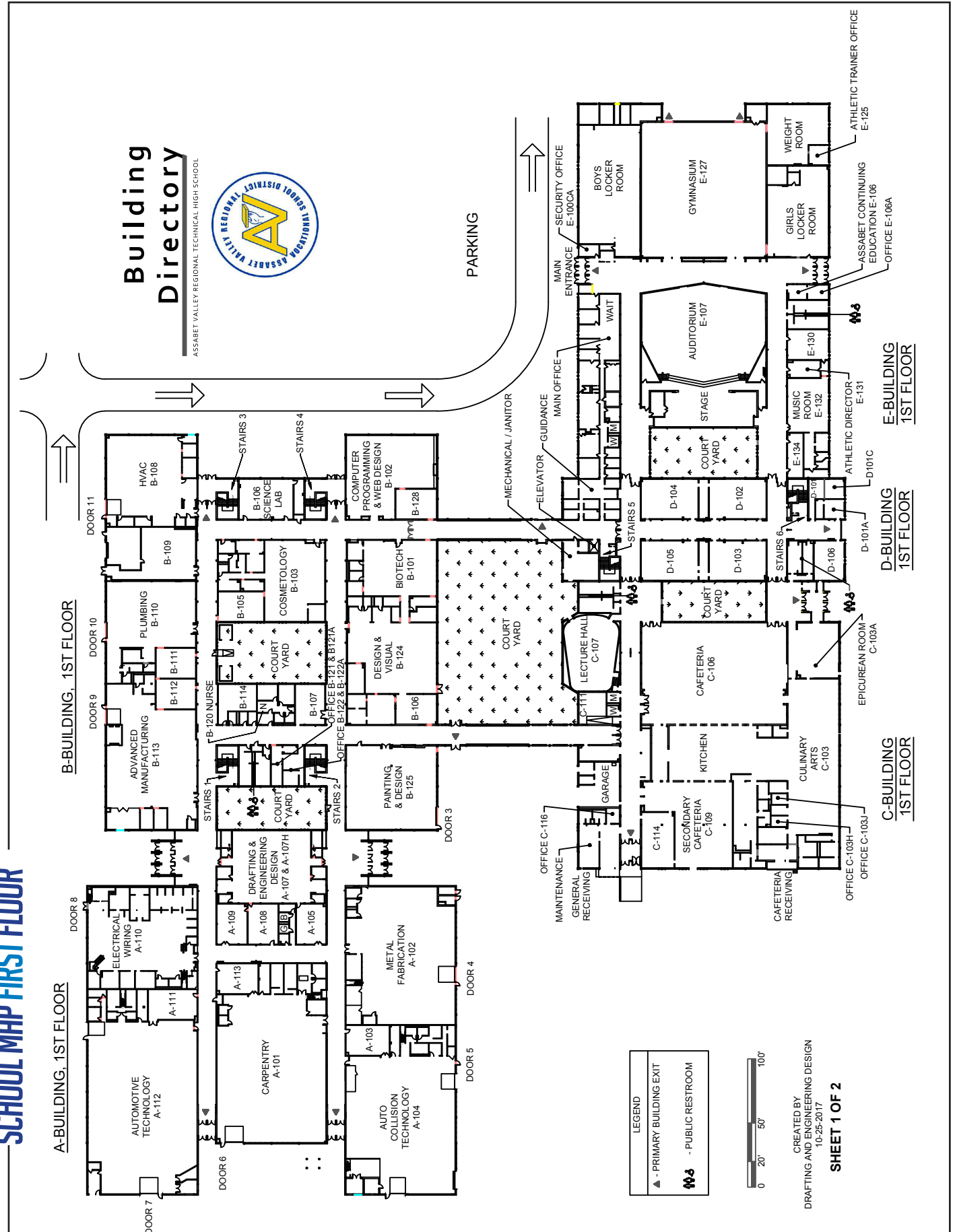
## Visit Our Exhibitors!





# SCHOOL MAP - FIRST FLOOR

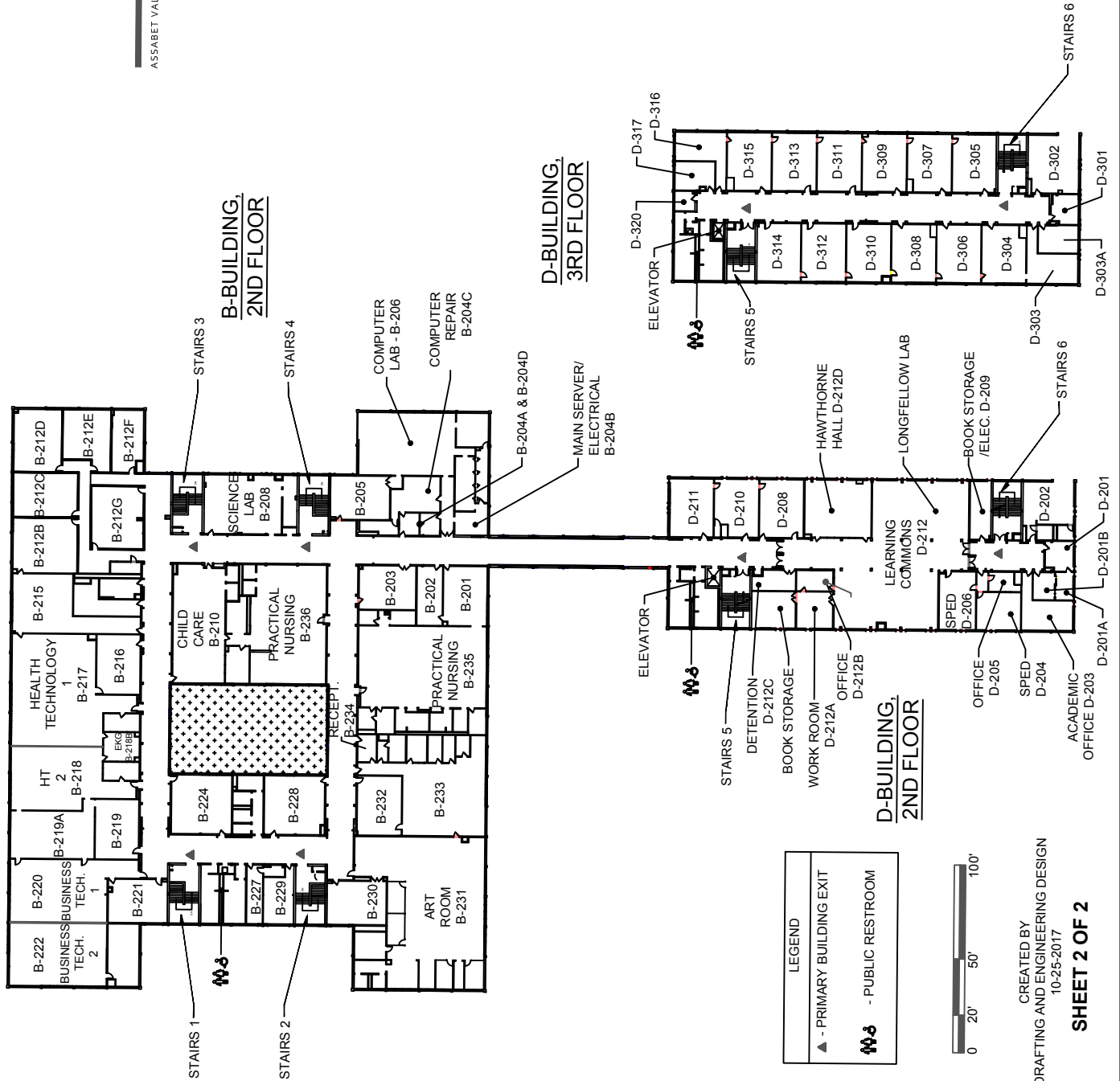
## SCHOOL MAP FIRST FLOOR





# Building Directory

ASSABET VALLEY REGIONAL TECHNICAL HIGH SCHOOL



LEGEND	
▲	PRIMARY BUILDING EXIT
♂♂	PUBLIC RESTROOM



CREATED BY  
DRAFTING AND ENGINEERING DESIGN  
10-25-2017

SHEET 2 OF 2





***"I have always believed in the power of collaboration.***

***Early on in my professional career, I realized  
that you can't develop all the competencies you need  
fast enough on your own.***

***Furthermore, if you don't collaborate, your ideas  
will be limited to your own abilities.***

***As a result, you will not be able to serve  
your clientele and thus can't achieve  
the anticipated impact."***

***— Vishwas Chavan,  
Universal Principles for Living:  
Inspired by Real-Life Experiences***

**CONNECTING FOR SUCCESS 2019**

**TOGETHER WE ARE BETTER**