

# Connecting for Success - Presentations to Date

## ADMINISTRATION

Tuesday June 30

9:00 AM **MAVA Extended Campus Educational Program (Cohort)**

9:50 AM This session will review current status of the MAVA Education Extended Campus Program and the following topics: Overview of the savings to schools and faculty since programs implementation, how to sponsor a course, examples of individual school and group course sponsorship, school and faculty participation, review of course schedules, registration procedures, and information dissemination, future use of MAVA website for all course and registration information  
, fall course schedule will be distributed

Bob Packard Program Coordinator

9:00 AM **Professional Learning Communities**

10:50 AM A Professional Learning Community focuses on and commits to the learning of each student. Team members work together to clarify exactly what each student must learn. This session looks at the Professional Learning continuum and focuses on making SMART goals.

Donna M. Tilley Educational Consultant

9:00 AM **Rethinking the School Day (and Year?) from the Ground Up**

9:50 AM This presentation will highlight the benefits and challenges of expanding learning time for vocational and technical schools. Focusing on Massachusetts' pioneering Expanded Learning Time Initiative the workshop will discuss the results, the planning process, and how implementation is going in 26 schools across the Commonwealth. After an introduction about the ELT initiative, a panel will discuss how vocational/technical schools could benefit from additional time to close the achievement gap, provide a curriculum balanced between technical/vocational curricula and academic curricula as well as enrichment. We will also discuss how/whether it makes sense to pursue implementation funding. An update on federal dollars and how they can be used to expand time will be included.

Ben Lummis, MA 2020

Peter Dewar, MAVA

Michael Fitzpatrick, Blackstone Valley

10:00 AM **Interpersonal Relationships vs. Accountability**

11:50 AM This workshop will focus on moving from the teaching ranks to school administration. There will be discussion surrounding how current relationships will change upon promotion to the leadership level, how others will perceive the difference in position versus personality, and how those perceptions, accurate or otherwise, will reflect upon accountability to effectively perform in a new administrative role.

Anne Marie Tucciarone-Mahan

Greater Lawrence

11:00 AM **MAVA Extended Campus Educational Program (Cohort)**

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, fall course schedule will be distributed

Bob Packard

Program Coordinator

1:00 PM **Recently Amended Regional School District Regulations**

1:50 PM This special presentation will review the recently amended regulations concerning regional school districts 603 CMR 41. These regulations clarify the "45 day" Special Town Meeting language concerning the reconsideration of budgets. In light of the uncertainty of the FY'10 State budget, this change will most likely play an increasingly important role in the securing of a regional school district budget. In addition, regulatory amendment does impact the use of E & D funds. Information on building relationships with local towns and how to secure bonding from communities will also be discussed.

Charlie Lyons

Shawsheen

Wednesday July 1

8:00 AM **HR 101 - NOT Your Typical Homeroom**

9:50 AM This workshop will introduce School Administrators without district Human Resources Directors the 'ins and outs, ups and downs' of life in the world of human resources. Come and learn the function of the Human Resources role and explore the A's to Z's of effective human resources management.

Anne Marie Tucciarone-Mahan

Greater Lawrence

8:00 AM **The Skillful Leader**

8:50 AM The Skillful Leader will teach you how to manage yourself and your time in order to accomplish priorities, to determine conditions that undermine organizational learning, and to confront conditions resulting in mediocre learning by using the 3 C's.

Donna M. Tilley

Educational Consultant

9:00 AM **How to Run Effective Meetings**

9:50 AM Everyone wants to run productive and effective meetings. The problem is that a meeting can be a double edged sword. It can be a great way to share information or engage in participatory group planning. They can also be a massive waste of time. This session will provide structure and tips to run an effective meeting.

Donna M. Tilley Educational Consultant

10:00 AM **Professional Writing Skills**

11:50 AM This session will help you write more clearly, effectively and easily. You'll learn a step-by-step process for planning and writing clear, concise Email messages, memos, letters, proposals and informative documents.

Donna M. Tilley Educational Consultant

10:00 AM **The Interview Process**

11:50 AM The purpose of an interview process is to hire the right person for the job the first time around. As an administrator, this will allow you to 'hire hard, manage easy'. This session will focus on best practices of what an interview process should look like, questions to ask and those to avoid asking to keep you out of legal hot water.

Anne Marie Tucciarone-Mahan Greater Lawrence

1:00 PM **Administration Trade Show Visit**

1:50 PM

2:00 PM **Employment Opportunities: Job Outlook**

3:50 PM Vocational Employment opportunity forms an essential basis for many of a vocational school's strategic decisions. So . . . Show Me The Jobs! The data in this profile helps answer questions such as: what is the employment needs of business, what vocational areas have the most potential, what curricula should we invest in and what are the use requirements of our facilities? These are some of the elemental areas that fortify our strategic planning. Review the report prepared for Montachusett that covers employment in nearly all current Massachusetts' vocational areas and them some. Learn of the report's basis and the resources used. Jobs - always requisite information - indeed vital today.

John Mollica Monty Tech

2:00 PM **MAVA General Membership Meeting**

4:00 PM

2:00 PM **Progressive Discipline**

3:50 PM Employers are often frustrated by the notion of a never-ending employment relationship with troublesome employees. They are dismayed when faced with the challenge of addressing performance or behavioral issues with employees who feel empowered by protection under a collective bargaining agreement. In this workshop, focus will be on progressive discipline with recommendations on how 'best practice' processes can be beneficial and effective.

Anne Marie Tucciarone-Mahan Greater Lawrence

**AGRICULTURE & NATURAL RESOURCES**

Wednesday July 1

9:00 AM **Co-Existing with Raptors in an Urban Environment**

10:50 AM Maria Isaacs, Master Falconer and raptor rehabilitator will bring live birds of prey to discuss how urbanization affects birds, their habitat and survival. Information will be provided regarding life cycle, care, management and use of birds. Regulatory issues and licensing will be addressed. Alignment documentation to the MA curriculum frameworks (for academic and vocational teachers) will be provided.

Maria Isaacs New England Raptor Exhibits

10:00 AM **Agriculture & Natural Resources Trade Show Visit**

10:50 AM

11:00 AM **Using Plant Sales as a Fundraiser as part of an Integrated Curriculum Model**

11:50 AM No greenhouse required! Participants will learn the basics of plant sale design, acquiring plants wholesale, setting up the sale, retail skills and customer relations. Classroom handouts, including rubrics and alignment to the MA curriculum frameworks (for academic as well as vocational teachers), will be distributed.

Kevin Bell Norfolk Aggie

1:00 PM **Teaching Students with Aspergers in a Vocational Classroom**

1:50 PM Participants will walk away from this lesson with a better understanding of Aspergers Syndrome , and the common challenges instructors have when teaching students with this unique disability. Practical ideas will be discussed – and strategies explored.

Suzanne Green Norfolk Aggie

2:00 PM **Community Service Learning Grants**

2:50 PM Explore the possibility of conducting a community service learning project tied to the curriculum – what a great way to connect with the community and apply for funding for the project! Learn what it takes to apply for the grant and what type of projects qualify!

Kristen McKinnon

**ALL**

Tuesday June 30

8:00 AM **YOU ARE SUCCESSFUL! Training Tomorrow's Workforce**

8:50 AM At the end of the year we need to take time to look at our success stories and appreciate the value of education that we provide our students. Cheer for yourself and your students as we recognize their accomplishments at the state and national level in the Career and Technical Organizations.

Karen Ward Skills Judith McKinstry BPA

12:00 PM **Buffet Lunch**

12:50 PM

Wednesday July 1

8:00 AM **Trade Show**

4:00 PM Visit vendors representing all interest areas!

12:00 PM **Barbeque**

12:50 PM

4:10 PM **Trade Show Prizes**

Join us for a raffle of great prizes!

**ARTS & COMMUNICATIONS**

Wednesday July 1

8:00 AM **Build an electronic portfolio with Adobe Acrobat 9.0**

8:50 AM By now, many of you have discovered the most amazing new feature of Acrobat 9 Professional--the PDF Portfolio. For those of you who haven't, the PDF Portfolio is a unique and exciting type of file that allows you to share and distribute ANY type of file, not just PDFs.

Portfolio's are wrapped up in a beautiful and functional PDF wrapper, which is bathed in Flash. If you are not a Flash developer, no worries because no Flash knowledge is required. In fact, Acrobat 9 does all the fancy Flash work for you.

Elisabeth Rusling

9:00 AM **Share your Ideas/Lessons/Contests**

9:50 AM We will collaborate on lessons and share rubrics and projects. Bring a lesson and your student's work to share. Bring books and resources that you love, contests that you entered and anything else that you would like to share.

Jim Provencher Deb Harper

10:00 AM **Certifiable! Certifications in Visual Design**

10:50 AM We will take a look at student certifications, such as Adobe Visual Design, Dreamweaver, and Flash. Updates on the success of CDIA/Frameworks Institute for teachers in Design.

Jim Provencher

11:00 AM **The Children's Book Project**

11:50 AM Integration at its' best! Presentation will delight, inform and inspire! Brian has done an outstanding job creating an integrated project that covers over 50 competencies in both the technical and academic frameworks. Using writing, critical thinking, CS3 products and on-line self-publishing tools.

Jim Provencher Deb Harper

1:00 PM **Arts & Communication Trade Show Visit**

1:50 PM

2:00 PM **Senior Project/Final Exam: A Showcase of Talent  
Along with an introduction to Adobe Premiere and alignment with the Framework Standards**

2:50 PM Assabet Valley's graduation requirement has a recent make-over. We have aligned our senior projects with the COP. Observe two senior projects and learn about the process and the value of the final project.

Rebecca O'Brien

Assabet Valley

Juleann Rote

3:00 PM **Color Workshop**

3:50 PM We all teach color to our students in a variety of ways. Jim has assembled a great week-long lesson on color using a variety of text and on line resources that culminates in the creation of a "color book" . All along the way, students build upon their previous knowledge through various exercises.

Jim Provencher

### **AUTOMOTIVE COLLISION**

Wednesday July 1

8:00 AM **Introduction Waterbourne Refinishing, Safety, Color Matching, Blending Waterbourne Paints**

9:50 AM

Dan Simard

Nashoba Valley

10:00 AM **Tools and Equipment: Water Spray Guns, Gun Washers, Spray Booth, Air Lines**

10:50 AM

Dan Simard

Nashoba Valley

11:00 AM **Automotive Collision Trade Show Visit**

11:50 AM

Nashoba

1:00 PM **Hands On" Mixing Color, Spraying of Waterbourne Color, Blending Waterborne Color, Apply Clearcoat**

3:50 PM

Dan Simard

Nashoba Valley

### **AUTOMOTIVE TECHNOLOGY**

Wednesday July 1

8:00 AM **Hybrid Technology and Fuel Cell Technology**

10:50 AM

Sean Markell

Universal Technical Institute

11:00 AM **Auto Tech Trades Show Visit**

11:50 AM

1:00 PM **Ford Scan/Tool Overview  
Integrated Diagnostic System (IDS )**

3:50 PM

John Keeler

Universal Technical Institute

### **BUSINESS TECHNOLOGY**

Wednesday July 1

8:00 AM **MS 2007**

8:50 AM Hands-on detailed difference will be showcased between Word 2003 and Word 2007.

Don Conaghan

Keefe Tech

9:00 AM **MS 2007**

9:50 AM Hands-on detailed difference will be showcased between Excel 2003 and Excel 2007.

Don Conaghan

Keefe Tech

10:00 AM **Web Page Design I**

10:50 AM This course will review of a variety of packages for creating web pages, including Microsoft Expression Web, Adobe Dreamweaver and open source options. The goal is to provide Business and Office Technology instructors with the tools necessary to cover the Web Design Competencies in their framework.

Michael Arguin Greater New Bedford

11:00 AM **Web Page Design II**

10:50 AM This course will be a continuation of Web Page Design I and will focus on how to address the Web Design Competencies in the Business and Office Tech Frameworks. Hands on activities will be provided using a combination of free-ware or commercial web design software such as Adobe Dreamweaver or Microsoft Expression Web.

Michael Arguin Greater New Bedford

1:00 PM **Use Social Networking and Blogging to Enhance Your Curriculum**

1:50 PM Learn how a teacher is successfully using blogging and social networking to help enhance the curriculum. We will take a look at Twitter, Blogger and Facebook as the tools to reach students on their turf. No prior experience required!

Michelle Sylvia Bristol-Plymouth Regional

2:00 PM **Business Technology Visit to Trade Show**

2:50 PM

3:00 PM **Automated Accounting**

3:50 PM An introduction and hands-on tutorial of Automated Accounting for use in high school accounting courses. Materials to be used include South-Western Century 21 Accounting textbook and its related software program (Automated Accounting v8.0)

Ellen Welsh Fitchburg High

**CARPENTRY**

Wednesday July 1

8:00 AM **Green Building - Session One**

9:50 AM The basics of building science & saving energy in existing single family homes

Larry Harmon Air Barrier Solutions

10:00 AM **Green Building - Session Two**

11:50 AM Retrofitting existing single family homes for efficiency, techniques and tips.

Larry Harmon Air Barrier Solutions

1:00 PM **Carpentry Trade Show Visit**

1:50 PM

2:00 PM **Green Building Session Three**

3:50 PM Improving the efficiency of existing buildings: commercial, residential, and institutional.

Larry Harmon Air Barrier Solutions

**COMPUTER & INFO SYSTEMS**

Wednesday July 1

8:00 AM **Advanced Blogging for Education & Non-Profits**

9:50 AM Now that you know how to use blogs to make your institution a better communicator, today's workshop will show you how to customize the appearance of your blog and, as they say on American Idol, "make it your own." All participants must have taken Part One workshop or have a sufficient level to technical expertise. Topics include: permalinks, modifying themes using them editor, opening WP files in Dreamweaver, modifying Wordpress documents/file structure using coding techniques, adding audio and video, resizing images using free or online image editing software, and plugins (creating image galleries and adding calendar elements. Etc.

Don Meskie Watershed Online Media Kate Broughan

10:00 AM **Computers & Information Trade Show Visit**

10:50 AM

11:00 AM **Microsoft Access Databases**

11:50 AM Participants will be introduced to Microsoft Access Databases. Hands on lab to create a simple design utilizing database tables, forms, queries and reports. Introductory database design techniques will be discussed and implemented.

Frank Botte Shawsheen Valley

2:00 PM **FACES**

2:50 PM This workshop will introduce participants to the most widely used facial composite software in law enforcement called FACES. This software is used by students in Forensics class at Assabet Valley, allowing them to fine tune their observation skills as they turn into police sketch artists. With the software one can create endless combinations of faces, which include facial markings, age progression, and possible disguises. This software contains a database of almost 2,200 facial features, allowing participants to automatically blend features together producing a photographic quality picture in minutes. Participants will use their observational skills to create a composite sketch using FACES.

Alexia Forhan Assabet Valley

3:00 PM **Introducing Programming Using Scratch**

3:50 PM Scratch is a new programming language that makes it easy to create your own interactive stories, animations, games, music, an art - and share you creations on the web. Scratch was designed by MIT specifically for young people. As they create and share Scratch projects, young people learn important mathematical and computational ideas, while also learning to think creatively, reason systematical, and work collaboratively. This session will provide participants with an overview of the Scratch programming language, and explore how this program can be use to build students' interest in computer programming.

Daniel Forhan Greater Lowell

**COOPERATIVE PLACEMENT**

Wednesday July 1

8:00 AM **How to use the OSHA Website to Learn about Co-op Placement companies and industry hazards**

8:50 AM The OSHA Compliance Assistance Specialist will use the OSHA website to show co-op placement coordinators how to look up the types of hazards found in the industries where they are placing students as well as review the history of the companies.

Carol Bates

9:00 AM **DPH-Updated safety checklist form and discussion**

10:50 AM This presentation will be a discussion regarding draft materials created to assist cooperative education placement coordinators in assessing the safety of worksites where they place students. The materials will be in draft form, and the discussion will focus on soliciting feedback from attendees on how to change and improve the materials so they can be worked into a more final format.

Valerie Machinist

11:00 AM **Cooperative Placement Trade Show Visit**

11:50 AM

1:00 PM **Working with the Director of Vocational Programs**

1:55 PM Topics to be covered: sharing CPR experiences, building successful advisory boards, developing strong business partnerships etc.

Michelle Roche Blue Hills

2:00 PM **Best Coop Practices**

2:50 PM This workshop will include student resume writing, sharing of COOP documents and paperwork. The expected outcomes of the workshop are to help COOP coordinators develop more effective ways of having students create and pass in resumes for employers and to integrate technology into their COOP programs.

Kevin Bell Norfolk County Jackie Martin Blue Hills

3:00 PM **Employability Skills**

3:50 PM Employability skills and activities for students to promote and enhance successful work placements

Kathleen Quigg Brockton HS

**COSMETOLOGY**

Wednesday July 1

8:00 AM **State Board Grading Rubric**

9:50 AM Measuring student growth on a state board grading rubric in a relaxed atmosphere.

John Taylor

10:00 AM **Cosmetology Best Practices**

10:50 AM An opportunity to share what you are doing well with your colleagues. Bring lesson plans and examples to this session.

Tracy Jepsen Cape Cod

11:00 AM **Connecting with the Community**

11:50 AM How do we enhance our Cosmetology program by getting our students involved with the community.

Cheryl English

1:00 PM **Barbering Programs in the Vocational Schools**

1:50 PM Members of the pilot programs will explain where we are in the process with the implementation of Chapter 74 Barber programs in the vocational schools.

Greater Lowell Southeastern

2:00 PM **Cosmetology Trade Show Visit**

2:50 PM

3:00 PM **Cosmetology Licensing Data**

3:50 PM Q & A Session

Helen Peveri

## EARLY CHILDHOOD

Wednesday July 1

8:00 AM **Reduce, Reuse, Recycle - Creating Handmade Preschool Games with everyday Materials**

9:50 AM Learn to use recyclable materials to make games and plan activities to use in the classroom centers. Come prepared to assemble a few and leave with some great ideas. Bring a recyclable item with you and we'll find away to use it in one of your center at school.

Pauline McCready Waltham High School

10:00 AM **Career Cruising with Early Childhood Education**

10:50 AM Teach your students how to locate, evaluate and process information on Early Childhood Education careers using an easy web-based career exploration program. Very useful in exploratory classes.

Susan O'Hare-Black Greater Lowell

11:00 AM **How to "Wow" a Center Director on an Interview**

11:50 AM A presentation and group discussion on how a teacher should prepare their students for interviews. Hand out will be provided.

Erica Lennera KinderCare

1:00 PM **Dental Health for Pre-Schoolers**

1:50 PM A demonstration of dental health techniques, fun activities and games to make this lesson enjoyable.

Rosemary Pisani Northeast Metro Tech

2:00 PM **Early Childhood Trade Show Visit**

2:50 PM

3:00 PM **How to Incorporate Yoga in your Preschool Curriculum**

3:50 PM Participants will actively engage in simple yoga poses that they can incorporate into their curriculum.

Cherish Casey

## ELECTRICAL

Wednesday July 1

8:00 AM **NFPA 70E Standards for Electrical Safety in the Workplace - Strand 1:A**

8:50 AM Training specific to those individuals who may become exposed to live circuits. Practical employee safeguarding.

Kenneth Mastrullo DOL - Health & Safety Compliance Spe

9:00 AM **OSHA Focus Four Hazard Analysis - Strand 1:B**

9:50 AM Focus Four/ Job Hazard Analysis Recognition, Prevention and Job Site awareness for students

Timothy Irving, OSHA Compliance Specialist OSHA - Braintree

- 10:00 AM **Aluminum Conductors Part 1 - Myths Dispelled - Strand 2:k, 2:l**
- 10:50 AM The how and why of conductor installation. A detailed into the history of aluminum conductors and the myths and realities that have developed over the years  
Matthew Scarborough Johnson and McGill
- 11:00 AM **Aluminum Conductors - Part 2 Cost Savings and Reliability Strand 2:k,2:l**
- 11:50 AM A presentation that examines the cost savings of aluminum vs. copper and the reliability issues over long term installation  
Matthew Scarborough Johnson and McGill
- 1:00 PM **Electrical Strand Trade Show Visit**
- 1:50 PM
- 2:00 PM **Green Technology Part 1 - Solar Power Systems - Strands 2:km 2:m, 3:c**
- 2:50 PM Residential solar Power Systems/Installation including structural supporting. Electrical requirements beginning to end.  
Paul Kennedy Kennedy Seminars
- 3:00 PM **Green Technology Part 2 - Solar Power Systems Strands 6:1, 2:u**
- 3:50 PM Residential solar power systems, grants, permits, paperwork and payback. Utility contributions and internet access to solar output tracking.  
Paul Kennedy Kennedy Seminars

## ENGLISH LANGUAGE ARTS

Wednesday July 1

- 9:00 AM **Using ELA and Math to Outwit, Out Think, and Outplay**
- 10:50 AM Learn how to energize English language arts and mathematics instruction through a series of competitions that help students make a connection between the textbook and real life. Participants will learn how to use data-driven assessment to create activity-based projects customized to individual students' needs.  
Kirsten Aubuchon Montachusett Regional DonnaLee Tignor Montachusetts Regional
- 11:00 AM **Academic/Vocational PowerPoint Projects**
- 11:50 AM In this workshop, teachers will learn how to teach an Academic/Vocational Integration PowerPoint Project to their students. Topics to be covered: how to research job choices in vocational majors on-line and in vocational encyclopedias, how to properly cite sources and images, how to create and present effective PowerPoint  
Terri Burke, Heidi Quinn Minuteman Maureen Archambault, Doug Carey Minuteman
- 1:00 PM **Integrated Summer Reading**
- 1:50 PM The process by which Tri-County has developed an Integrated Summer Reading Project, with title selection and related assignments designed to focus on both academic and vocational areas, and with participation in the planning by teachers, counselors, administrators, parents and students. The presentation will outline the selection and assignments for the last two years and this year's planned project. Data on completion rates and student comments will also be included.  
Mary O'Connor Tri-County
- 2:00 PM **Guidance Trade Show Visit**
- 2:50 PM
- 2:00 PM **Reading Strategies**
- 2:50 PM This presentation will focus on best practices to improve reading comprehension in the secondary classroom using "Reading Strategies." The strategies (making connections, predicating, drawing conclusions, questioning, synthesis, visualizing, and drawing inferences) will be presented as well as several ways to apply these strategies to increase both comprehension and higher level thinking (anticipation guides, annotating texts, reading journals and Socratic seminar.  
Erin Silveira Assabet Valley
- 3:00 PM **English Language Arts Trade Show Visit**
- 3:50 PM

## GUIDANCE AND CAREER DEVELOPMENT

Wednesday July 1

8:00 AM **Underage Drinking - Behaviors - Addiction/Recovery**

8:50 AM Topics to be covered include:

Why Kids Drink? What is Substance Abuse? - Faculty and School's Role - The '6 A's' – Be: Alert, Aware, Around, Assertive, Available, Awake  
The '4 C's' – Clarity, Consistency, Commitment, Communication - Statistics, family facts, and drug kits - -What Parents Can Do  
Patterns of behavior (social, problem and alcoholic drinking), Early recognition symptoms, Prevention Suggestions  
The '20-60-20 rule'

William Phillips

Keefe Tech

9:00 AM **Technology for Counselors**

9:50 AM This session will focus on technology and other useful tools for counselors. Participants will explore the Massachusetts Career Information System and gain a better understanding of the features of this free resource. An in-class guidance activity using MassCIS will be shared. Additionally, counselors will learn about Google Docs and the EZ Analyze Time Tracker, two free resources.

Jennifer McGuire

10:00 AM **Career Planning Curriculum**

10:50 AM This session will explore Upper Cape Tech's ninth grade in-class guidance curriculum. Participants will receive copies of lessons designed to prepare ninth grade students to write meaningful career plans. Additionally, participants will have an opportunity to see the UCT electronic career plan-- three years after it was first implemented!

Jennifer J. McGuire

Upper Cape Cod Tech

11:00 AM **Dating Violence Prevention Programs**

11:50 AM Dating violence continues to be a prevalent reality for adolescents across our nation. This interactive session will highlight proactive dating violence prevention programs for career-technical students. Workshop participants will receive strategy and program descriptions they can share with their departments and students to create an effective dating violence prevention programs for their school.

Adrienne Schiaroli

Keefe Tech

1:00 PM **Career Cruising**

1:50 PM This workshop will provide an overview of the online career guidance program, Career Cruising. The session will highlight the implementation of career cruising activities including assessment tools, course planner, post-secondary education information, as well as career exploration and use of the program as a tool for 4-year career planning. Cindy Wong will also facilitate the workshop as a representative of Career Cruising.

Adrienne Schiaroli

Keefe Tech

3:00 PM **Employability Skills**

3:50 PM Employability skills and activities for students to promote and enhance successful work placements

Kathleen Quigg

Brockton HS

**HEALTH SERVICES**

Wednesday

July 1

8:00 AM **Hands on Health Science: Build Human Body Systems**

9:50 AM This workshop is designed to facilitate the implementation of a hands on anatomy system. We are not attempting to teach anatomy to health science teachers, but rather, to assist you in teaching using this method.

Material covered includes directional terminology, skeletal identification, as well as building muscular, cardiovascular, neural, lymphatic, renal, digestive, respiratory, and urinary anatomy. Clay handling, building, and classroom management tips are also covered.  
The event would allow health science teachers to build anatomy using clay and attach it to skeletal models.

Doug Cortese

Anatomy in Clay

10:00 AM **Massachusetts Home Health Aide Guidelines**

10:50 AM The presenter will review the state and federal guidelines pertaining to home health aide training.

Lisa Gargone

MA Council Home Health Care

11:00 AM **Relaxation Techniques**

11:50 AM Demonstrating various relaxation techniques to reduce stress.

Nanci MacKenzie

Atria Longmeadow Assisted Living

1:00 PM **The Rules and Regulations for Establishing a Nursing Assistant Program**

1:50 PM

Deborah Collins

South Shore Vocational

2:00 PM **Health Services Trade Show Visit**

2:50 PM

3:00 PM **Connecting Education with Careers: A 21st Century Approach**

3:50 PM "If it take a village to raise a child." Community-academic partnerships provide rich opportunities to demonstrate the relevance of health sciences education in the world of work. This workshop will provide an overview of the MassAHEC Health Care Pathways conferences and introduce a proposed model for a new health careers student organizations by the MassAHEC Network - UMASS Medical School.

Sharon Grundel

UMASS Medical

## **HOSPITALITY & TOURISM**

Wednesday July 1

8:00 AM **Culinary Demo**

8:50 AM American Cuisine

Cheryl S. Straughter

Johnson & Wales

9:00 AM **Framework Presentations**

9:50 AM Culinary & Baking Framework Visual Display

David Lucas

Madison Park

10:00 AM **Hospitality & Tourism Trade Show Visit**

10:50 AM

11:00 AM **Pastry/Baking Demo**

11:50 AM

Davis Lucas

Madison Park

1:00 PM **Kitchen Safety**

1:50 PM

Jean Manoli

MA Div Occup Safety

2:00 PM **Talking Safety**

2:50 PM Youth@Work: Talking Safety, Food Services Safety Edition

Valarie Machinist

MA Public Health

3:00 PM **Culinary Demo**

3:50 PM

Chef Haywood

Culinary Instit. Of America

## **HVAC**

Wednesday July 1

8:00 AM **"Mini-Split Systems" (Ductless A/C) Part 1**

9:50 AM This workshop will focus on an introduction "Mini-Split Systems". Ductless, mini-split-system heat pumps (mini splits) make good retrofit add-ons to houses with "non-ducted" heating systems, such as hydronic (hot water heat), radiant panels, and space heaters (wood, kerosene, propane). They can also be a good choice for room additions, where extending or installing distribution ductwork would be very costly and take up space. This is a two part seminar, this being part one. This seminar will introduce new concepts and design characteristics about these systems concerning installation parameters and manufacturers guidelines. It can help you teach your students many of the theoretical and hands-on tasks identified in Strand 2.H (Air Conditioning) of the VTEF HVAC frameworks. The guest speaker for this seminar is Phil Valpey who is the Education Director for S.G. Torrice CO in Wilmington, MA.

Phil Valpey

10:00 AM **"Mini-Split Systems" (Ductless A/C) Part 2**

11:50 AM This is a continuation of "Mini-Split Systems". Qualified installers and service people for mini splits may not be easy to find. Training young and future technicians about these systems is critical to the proper operation of these systems all over the country. This is a two part seminar, this being part two. This training will further your current knowledge and enhance your ability to teach these theories to current and future techs It can help you teach your students many of the theoretical and hands-on tasks identified in Strand 2.H (Air Conditioning) of the VTEF HVAC frameworks. The guest speaker for this seminar is Phil Valpey, who is a certified educator for these systems as well as the Education Director for S.G. Torrice CO in Wilmington, MA.

Phil Valpey

1:00 PM **Indoor Air Quality & Going Green Part 1**

1:50 PM This workshop will focus on discussing tools used in identifying air quality issues as well as solutions. This is a two hour session, this being session one. Discussed in detail will be analyzing temperature, humidity, VOC's, particulates, carbon monoxide, carbon dioxide and radon and what to do when these are issues with a residential or commercial space. The guest speaker for this seminar will be Mike Youngs who is the Regional Operations Manager for Johnstone Supply in the Waltham/Worcester/Lowell area.

Mike Youngs

2:00 PM **Indoor Air Quality & Going Green Part 2**

2:50 PM This workshop will focus on discussing indoor air quality issues as well as solutions. Topics on how large businesses are "Going Green" and environmentally friendly buildings will be a focus. This is a two hour session, this being session two. Further information on analyzing temperature, humidity, particulates, carbon monoxide, carbon dioxide and radon will be provided. The guest speaker for this seminar will be Mike Youngs who is a Certified Indoor Environmentalist and also serves as the Regional Operations Manager for Johnstone Supply in the Waltham/Worcester/Lowell area.

Mike Youngs

3:00 PM **HVAC Visit to Trade Show**

3:50 PM

**MACHINE TECHNOLOGY**

Wednesday July 1

8:00 AM **Freshmen Exploratory Program and Robotics Curriculum**

8:50 AM Using BotsIQ Robotics in your exploratory programs.

Bryant Laflamme Assabet Valley

9:00 AM **Modern Shop Tour**

9:50 AM Lean Manufacturing

Steven Phillips Assabet Valley

10:00 AM **Modern Shop Tour**

10:50 AM Shop Tour

Steven Phillips

11:00 AM **Modern Shop Tour**

11:50 AM Questions & Answers

Steven Phillips

1:00 PM **Machine Technology Trade Show Visit**

1:50 PM

2:00 PM **Integrating VCTE Strands with CAD**

2:50 PM Learn how to integrate strands 1-6 into your manufacturing curriculum.

Andrew Botticelli Shawsheen Valley Tech

3:00 PM **Computer Aided Drafting Instruction**

3:50 PM A demonstration of the interacting between CAD software and manufacturing software. Auto-CAD, Master Cam, Plasma CAM.

Andrew Botticelli Shawsheen Valley Tech

**MATHEMATICS**

Wednesday July 1

8:00 AM **Exploring Transformations Using Geometer's Sketchpad and Tessellations**

8:50 AM We will use Geometer's Sketchpad to explore translations, reflections, and rotations. Participants will be given materials so that they can do these explorations in their classrooms. Afterwards we will explore how to make Escher Tessellations. Participants will walk away with materials on Escher Tessellations that they can use in their classroom.

Dina Zolotusky

9:00 AM **Accuplacer: Mathematics Components of the Placement Test**

9:50 AM The Accuplacer exam is used by the Massachusetts Community Colleges, State Colleges and Universities to assist with course placement for incoming students. This workshop will provide a quick overview of the Accuplacer exam and then deal more directly with the mathematics components of this test. Participants will have an opportunity to discuss strategies for improving student performance on the exam for accurate placement and share best practices.

Christine Shaw Shawsheen

10:00 AM **Using a TI-84+ in Algebra**

10:50 AM Participants will get hands-on training using a graphing calculator to perform matrix operations, solve systems of equations, find linear regressions and more! Learn to use the graphing calculator for more than just the basics!

Decio D. Matos Diman Regional

11:00 AM **Using the Internet as a Mathematics Resource**

11:50 AM Have you ever heard the rumor that the Internet can only be used for elementary math? Not true! We will discuss several resources during this interactive session that students and teachers can assess to supplement high school mathematics.

Decio D. Matos Diman Regional

1:00 PM **Play Your Algebra with a Full Deck**

1:50 PM Students are involved and successful when they recognize algebraic connections and relationships. Come learn how students explore and teachers do what they do best: facilitate, assess and monitor progress.

Cathy Draper, President The Math Studio, Inc.

2:00 PM **Greater Lowell's Greatest Hits**

2:50 PM A selection of lessons and activities in Algebra and Geometry to help you reach students at all levels – teacher tested, and you will leave with useful materials! Low tech for days when the computers are down!

Elizabeth Often

3:00 PM **Mathematics Visit to Trade Show**

3:50 PM

## METAL FABRICATION

Wednesday July 1

8:00 AM **Latest Updates from the American Welding Society**

8:50 AM The latest news from AWS

Thomas Ferri NE Area AWS Rep

9:00 AM **Safe Operations of Power Brakes and Shears**

9:50 AM A general overview of hazards of Power Brakes and Shears observed in Metal Fabrication, Sheet Metal and Welding Shops, followed with a question & answer period.

Neal Doherty MA Dept of Labor

10:00 AM **Implementing Some New and Creative Ideas for Freshman Projects**

10:50 AM Some tips to share to enhance the freshmen exploring experience in the metal fabrication / sheet metal programs

Neil Mansfield Assabet Valley

11:00 AM **Metal Fab Trade Show Visit**

11:50 AM

1:00 PM **Green Buildings Today**

1:50 PM Information on roll of the sheet metal worker in new green building systems and retrofitting older systems.

William Bulens TAB Specialist

2:00 PM **Apprentice Training in Today's Labor Market**

2:50 PM Employment Outlook, A Well Educated Work Force, Concentrated Training, Nationally Developed Curriculum and State of the Art Facilities are just some of the topics covered in this presentation.

John Healy Sheet Metal Workers Training Coordina

3:00 PM **Intro to the New Licensing of Sheet Metal Workers in the Comm. Of MA**

3:50 PM This presentation will cover the history of the bill and the current status of the board in developing the regulations and Licensing procedures. How will this bill affect the sheet metal, metal fabrication and welding instructors? What impact will it have on our students? How will the Grandfather Claus be implemented? These and other concerns will be addressed.

Charles Borstel

Member of State Licensing Board

## **PAINTING & DESIGN**

Wednesday

July 1

### **Painting & Design - 2 Year Review**

Seminar is based on the Painting & Design curriculum strands 1-5. Seminar will be a roundtable discussion to review what is working and what is in need of improvement. Lesson plans for all strands/tasks will be shared among schools/participants.

Rick Torres

Worcester

8:00 AM **Community Service Learning with Painting & Design**

8:50 AM Connect technical training and skills to real life work experience in your community. Learn about CSL project ideas for P & D students and how to plan, process and evaluate.

Susan O'Hare-Black

Greater Lowell

9:00 AM **Safety Training in the Painting & Design Shop**

9:50 AM This session will overview various ways to incorporate OSHA safety training into the P & D shop. Some of the training methods will include: demonstrations, PowerPoint presentations, respirator safety, hazard mapping, and a safety video that is created by the students.

Michael Donahue

Assabet

10:00 AM **P & D Trade Show Visit**

10:50 AM

11:00 AM **Career Cruising with Painting & Decorating**

11:50 AM Teach your students how to locate, evaluate and process information on Painting & Design careers using an easy web-based career exploration program. Very useful in exploratory classes.

Susan O'Hare-Black

Greater Lowell

## **PEDAGOGY**

Tuesday

June 30

9:00 AM **Are you Connected to the CVTE Frameworks? Sure you Are!!**

9:50 AM Feeling a little overwhelmed about the 600+ standards in your curriculum frameworks?? Here's a simple way to organize them to create an easy to follow lesson plan template.

Jaci Rubin

Rindge Tech

9:00 AM **Effective Teaching Practices for Block Classes**

9:50 AM Too much time on your hands? Are you bored with the same old routine? This presentation will give you some low cost/low tech ways to keep your students engaged in your classroom. Participants will receive activities that can be easily incorporated into any lesson.

Dina LePage

Bay Path

9:00 AM **Entrepreneurship in the Classroom**

11:50 AM Allows teachers to develop a classroom activity to satisfy Strand 5 of the frameworks.

Donald Erickson

9:00 AM **New Teacher /New Attendees Workshop**

9:50 AM New teachers are invited to the auditorium to get a general overview of the conference and to network with other new teachers. Frequently asked questions will be addressed.

Kathy Conole

MAVA

9:00 AM **Northeast Regional's Peer Mentoring Program**

9:50 AM

Jeanie Mills

Northeast Metro Tech

Cathy Horkan

Northeast Metro Tech

9:00 AM **Panorama of a Paragraph**

9:50 AM Take a tour of paragraph construction. Reap the benefits of a plethora of open-ended questions and develop some of your own. Learn the ABCD method with a twist. Emphasis is placed on MCAS paragraph development

Barbara Cote Bay Path

9:00 AM **Sexual Harassment: You CAN Do Something About It**

9:50 AM This workshop will introduce participants to a dynamic and interactive sexual harassment presentation that was successfully conducted with 9th grade vocational students. Utilizing peer leaders as co-facilitators in the workshops, students developed strategies for responding to harassment. Participants will be given the tools to re-create this one-hour workshop in their own schools: an agenda, a pretest survey activity, slides from a PowerPoint presentation, a video clip of sexual harassment, a small group activity involving scenarios, and a wrap up activity that elicits thoughts, feelings, and future steps for combating incidents of harassment. The goal of this workshop is to educate and raise awareness about sexual harassment and strategies for dealing with it.

Molly Cohen Lynn Vocational

9:00 AM **Strategies for Success with VTCTS - Part 2A**

11:50 AM Second part of session presented at MVA Conference. You must pre-register with John Roper at jroper@doe.mass.edu

Don Jarvis Melanie Chartier

9:00 AM **Using VTCTS for Real . . .**

9:50 AM This workshop will explain how to develop project plans, how to create students sets which will accommodate how your vocational area is organized and using the project plans and students sets to track competencies.

Rita Nisco Whittier Ellen Moriarty

9:00 AM **You Survived Year One, What Next?**

9:50 AM Congratulations! You made it through your first year of teaching! This workshop will allow you the space to reflect on and gather what you have learned to take it into year two. Strategies and effective methods of teaching will be discussed.

Sylvia Murphy Bay Path

10:00 AM **"DO You Know Proficiency When You See It? Creating High Level Questions to Help Get You There . . ."**

10:50 AM After teachers are presented a digital PowerPoint story, they will participate in collaborative discussion to determine the difference between basic, proficient and advanced level test questions.

John G Thomas Blackstone Valley

10:00 AM **Benefits and Obstacles - Articulated Credit**

10:50 AM This workshop will address the benefits and obstacles to being awarded secondary postsecondary articulated credit. An overview of the status of articulation agreements for career/vocational technical education will be presented with a focus on reducing the need for remediation when students enter college and the relationship of remediation to articulated credit.

Karen DeCoster State Tech Prep Coordinator

10:00 AM **Every Program Has Something to Sell . . .Entrepreneurship in the Classroom - Strand 5**

10:50 AM This class will show how easy it is to not only create an eBay store, but your own business. Starting a brick and mortar store has a huge start up cost and you're not even sure of success. With an eBay store you can test certain products to see if they will sell immediately. Your store is open to the world. With very little money up front you can open your own business. We will look at various types of current eBay stores that are successful. We will also show you how to open your own eBay store.

Charles Mone Dracut High

10:00 AM **How to Read and Use an IEP**

10:50 PM Many educators across the general education curriculum will encounter dozens of students with an IEP in their classroom. This workshop will include a summary of how to comprehend the various types of disabilities and language used within the IEP, how to utilize modifications and accommodations, how to recognize the importance of the reported diagnostic scoring, and how to incorporate the most effective teaching methodology in your daily lessons.

Anthony Cannella Rindge Tech

10:00 AM **Introductory Programming for the Gameboy Advance**

11:50 AM If you want to get your students all excited about learning computer programming then teach them how to write computer games. If you want your students to enjoy learning about microprocessors, RAM, ROM, audio and video, then teach them about the hardware architecture of the Nintendo Gameboy Advance (GBA) console. Writing games for the GBA is also good for math! Everything that moves on the screen is described by translations, rotations, reflections, or dilations in the coordinate plane. Binary and hexadecimal is the cherry on the top! In this workshop, after an introduction to the GBA console, you will learn how to print text and graphics on the screen, and how to check the buttons, how to use DMA, timers, interrupts, and how to play sound.

Dr. Calin Galeriu Bay Path

10:00 AM **Refrigeration Team Project**

10:50 AM This project involves building a small scale model of an Ice Rink. I have used this project many times in the shop with very good success. I will explain the whole project, how to build the student excitement, how team members contribute and learn. I have handouts and pictures of past projects.

Robert J Enos Greater New Bedford

10:00 AM **Using VTCTS for Real . . .**

10:50 AM This workshop will explain how to develop project plans, how to create students sets which will accommodate how your vocational area is organized and using the project plans and students sets to track competencies.

Rita Nisco Whittier Ellen Moriarty

10:00 AM **You're Never Going to Make It**

10:50 AM View images of "On Equal Terms", a touring mixed-media exhibit about women in the construction industry created by artist/electrician/educator Susan Eisenberg. Learn strategies for integrating a study of gender equity into language arts and humanities curricula. Discuss parallels between the tools of a writer and vocational-technical tools.

Susan Eisenberg Brandeis

11:00 AM **Building Secondary/Post Secondary Relationships in Renewable Energy/Energy Efficiency**

11:50 AM Presenters will describe their model for consultation and collaboration between secondary and post-secondary institutions to strengthen and enrich programs at both levels, leading to articulations and pathways to enhance student success.

John Kelly Smith Vocational Teresa Jones Greenfield Community Coll

11:00 AM **Embedded "Shop" in the Academic Classroom . . .Put it There!!**

11:50 AM

Bill Traill Greater Lowell

11:00 AM **End of Program Assessment**

11:50 AM This session will focus on the Career and Technical Education Community's need for end of program technical assessment and part of the backdrop that reinforced that need. We will discuss what the components of a quality assessment system look like, what sorts of resources and support you should expect and what other state's around the country are doing in this arena. Lastly we will share some early findings of the study being conducted by the National Research Center for Career and Technical Education (NRCCTE) regarding the use of end of program assessment and how some states are using it to assist with professional development.

Rae Lees NOCTI

11:00 AM **Gimme 5**

11:50 AM The 5 step Program Improvement Process is an approach the includes review of data, indentifying root causes, developing strategies based on the root causes, pilot testing, (including evaluating strategies prior to full implementation), and implementation. While this process is applicable to any area, this workshop will focus on enrollment and retention of students in programs that prepare them for careers nontraditional for their gender. In small groups, participants will analyze data and discuss possible root causes, share possible strategies and develop an improvement plan based on the given scenario.

Marnie Jain DESE

11:00 AM **Organizing Your Class or Theory Room**

11:50 AM Do you have trouble remembering what assignments you gave for homework last week? Is it difficult to manage your paperwork for over 150 students? 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 that students can manage their paperwork. There are also many tips for developing and maintaining consistent classroom procedures which will save you valuable time and energy.

Lynn Fleischer Cape Cod Tech

11:00 AM **Renewable Energy**

11:50 AM Attendees will leave this session with a host of potential renewable and clean energy initiatives to incorporate into their institutions. Additionally, attendees will collect valuable curriculum and energy savings ideas, the working knowledge to launch initiatives like those discussed and the employment prospects for the renewable energy industry into the future.

Robert P. Sanborn III

Cape Cod Tech

Paul F. Smith

Cape Cod Tech

11:00 AM **Sexual Harassment at School**

11:50 AM Our innovative presentation will provide teacher, administrators and school support staff with information on what constitutes sexual harassment at school (and what does not). How to recognize and avoid inappropriate behavior, and how to ensure a safe learning environment free of sexual harassment. Participants will become familiar with Title IX/Chapter 622 complaints and school policies.

Susan O'Hare Black

Greater Lowell

Timothy Duby

Greater Lowell

11:00 AM **The Creative Toolbelt**

11:50 AM Tired of using the same teaching methods over and over? Do you want your students to be excited to come to class? Discover a toolbelt of creative strategies that will hook your students to be ACTIVE learners.

Barbara Cote

Bay Path

11:00 AM **Use and Impact of Early Assessment with Accuplacer on College & Career Readiness**

11:50 AM Using a case study research with high school students who have been tested with the Accuplacer to determine gaps in their academic preparation for college, analysis of the use and impact of this form of college and career readiness assessment was measured. The aim of the study was to measure if the Accuplacer is an appropriate tool for assessing academic and career readiness for high school students. Furthermore, the use or implementation of the instrument at the high school level was examined. Findings will inform high school administrators, counselors, ELA teachers about how the Accuplacer could be used to send early academic signals to students about their academic preparation for college and the workforce. School professional will walk away from the session with research based information they could use to implement or improve their early assessment practices.

Jibril Solomon

Tech Boston

11:00 AM **Using Technology for Student Achievement**

11:50 AM Attendees will be instructed on the use and versatility of the Classroom Response System (CRS) which is a technological way to assess students with different learning styles. The students will be shown how to generate questions, import existing questions already in the database. Also, instruction on developing objective and subjective questions in many different formats such as multiple choice, true/false, yes/no, fill in, and item identification using Imported graphics/images. The questions come from a computer with the CPS software and are displayed for each student to view. Each student can answer the test questions at their own pace and respond with a remote control device (clicker). An infrared transmitter picks up the students' response and sends it to the computer, which stores the responses and can provide detailed reports with immediate assessment. This system allows instructors to obtain immediate feedback from each student and can easily be modified to include State Framework standards. The main goals of the Classroom Performance Systems are to "Engage, Assess, and Achieve" in a variety of learning environment while reducing the amount of copies and correcting.

Jeremy Guay

Bay Path

11:00 AM **What Color is Your Parachute? A Must for Graduating Seniors**

11:50 AM Using the workbook, What Color is Your Parachute?, the instructor has developed a course designed for the graduating senior during their last semester. The instructor will provide teachers with a complete lesson plan designed to help graduating seniors understand their favorite skills, ideal geographic location, working conditions, and employment culture et al. Upon graduation seniors will leave with a solid understanding of who they are and the best job opportunity for them.

Joe Dalton

Assabet Valley

1:00 PM **"DO You Know Proficiency When You See It? Creating High Level Questions to Help Get You There . . ."**

1:50 PM After teachers are presented a digital PowerPoint story, they will participate in collaborative discussion to determine the difference between basic, proficient and advanced level test questions.

John G Thomas

Blackstone Valley

1:00 PM **Dimensions of Drama**

1:50 PM Dare to use drama! Bring your lessons and students to life utilizing the varied dimensions of drama. Participate in activities that will enhance your lessons and that you can use immediately in your classroom.

Barbara Cote

Bay Path

1:00 PM **Effective Teaching Practices for Block Classes**

1:50 PM Too much time on your hands? Are you bored with the same old routine? This presentation will give you some low cost/low tech ways to keep your students engaged in your classroom. Participants will receive activities that can be easily incorporated into any lesson.

Dina LePage

Bay Path

1:00 PM **Entrepreneurship in the Classroom - MVA Continued**

3:50 PM Students will do advanced work into the area's those who attended MVA workshop. New people are welcome.  
Donald Erickson

1:00 PM **How to Effectively Use Your PAC to Develop Curriculum**

1:50 PM  
Ted Morin

1:00 PM **In their Own Words: Students in Shops that are Nontraditional for their Gender**

2:50 PM How do you recruit and support male students who are interested in cosmetology or female students who are interested in plumbing? A panel of students who are pursuing careers that are nontraditional for their gender will speak about the factors that contributed to their success. Strategies and resources that are specific to males and females will be discussed.

Maura Russell DESE Jeff Perrotti DESE Consultant

1:00 PM **Strategies for SPED Learners**

1:50 PM Teachers with SPED students in their classrooms need to include individualized activities, strategies, modifications and accommodation in order to address and foster progress of their educational experience. This session will include a brief overview of how to foster and facilitate a steady flow of materials, paperwork, and directives tailored for the students with a diagnosed learning disability. This trained and well-versed professional will review and share examples of how to create specific modified materials.

Anthony Cannella Rindge Tech

1:00 PM **Using VTCTS Enhancements to Build Curriculum**

1:50 PM This workshop will offer tips to VTCTS administrators and teachers who are using VTCTS, the Vocational Technical Competency Tracking System. Paulette Watson and John Roper, the help-desk people for VTCTS, will demonstrate use of the system for teachers with particular focus on the 2008-2009 enhancements, as well as those that are ready to be rolled-out for 2009-2010.

Richard Fields DESE John Roper, Paulette Watson

1:00 PM **What Next? Year Two and Beyond . . .**

1:50 PM To be a great teacher requires that we continually learn and improve. This workshop will provide resources to support you on your journey toward becoming an effective teacher. Strategies and methods for successful teaching will also be discussed.

Sylvia Murphy Bay Path

2:00 PM **"How Historical Data Can Be Used to Shape Our Activities of Today and the Future**

2:50 PM Great introduction for new teachers to the history of how vocational education of the past has shaped the vocational technical education of the present and future! A must attend for new and old alike!

Fred Savoie

2:00 PM **Embedded Academics: It's Already There**

2:50 PM Do your students like to read? Do math? Write? Here's a way to get them excited! Learn how to spark their interest in the 3 R's as you painlessly incorporate reading, writing and 'rithmetic into your classroom.

Jaci Rubin Rindge Tech

2:00 PM **Homework Woes and Wars**

2:50 PM Tips and techniques to encourage students to complete homework and enhance student achievement..

Deb Raulli Bay Path

2:00 PM **Renewable Energies (RE) in Earth Science, and other Academic Classes**

2:50 PM This workshop will introduce ways to incorporate renewable energies (RE) into Earth Science classes as well as other academic disciplines such as Math, English and History. This class will give you ideas of how and where to start. We will also explore how to build upon and edit simple lesson plans to fit your needs. Cape Cod Tech has been integrating RE throughout its entire curriculum for the past 4 years. It's easy, it's fun, and it is really relevant to our newly proposed national economic strategies.

Lynn Fleischer Cape Cod Tech

2:00 PM **So You Have Questions About the COP???**

2:50 PM Join DESE Administrator Richard Fields and staff members, John Roper and Paulette Watson in this open forum Q & A session as they try to dissolve your fears around the COP and answer all your questions about the design plan, its implementation and the COP assessment itself.

Richard Fields DESE John Roper, Paulette Watson

2:00 PM **Strategies for SPED Learners**

2:50 PM Teachers with SPED students in their classrooms need to include individualized activities, strategies, modifications and accommodation in order to address and foster progress of their educational experience. This session will include a brief overview of how to foster and facilitate a steady flow of materials, paperwork, and directives tailored for the students with a diagnosed learning disability. This trained and well-versed professional will review and share examples of how to create specific modified materials.

Anthony Cannella Rindge Tech

2:00 PM **The College Connection Program**

2:50 PM The College Connection Program (CCP) at Cape Cod Community College is an outreach program that aims to increase the percentage of area high schools/GED graduates who pursue a college education. CCP is designed to raise individual awareness and expectations about college options, provide equal access to college and reduce educational barriers by offering college readiness testing and enrollment services to all seniors on-site at partner high schools. Our presentation will cover the experiences of Upper Cape Tech following the first year in CCP. Upper Cape Tech is the first technical school to participate in the CCP at CCCC.

Jennifer McGuire Upper Cape Lisa Fedy CCCC

2:00 PM **The Creative Tool Belt**

2:50 PM Tired of using the same teaching methods over and over? Do you want your students to be excited to come to class? Discover a toolbelt of creative strategies that will hook your students to be ACTIVE learners.

Barbara Cote Bay Path

2:00 PM **Understanding Secondary Postsecondary CVTE Linkage**

2:50 PM Coordinators of Secondary Postsecondary CVTE Linkage Consortia will present an overview of the services and activities their consortia provide to meet the goals of the Massachusetts Tech Prep Initiative funded through Perkins IV Title II Tech-Prep Education.

Patty Chambers Massasoit Community College Sharon Caulfield CTVE Link Consortium

2:00 PM **Visual Arts Integration Model/The Creative Economy**

2:50 PM One of the common challenges we face as educators is identifying the academic, vocational, and technical skills necessary to be productive and successful members of a changing global community. The Massachusetts Business Alliance for Education released a report that addressed secondary education reform in October 2008. "Educating a 21st Century Workforce" calls for the mastery of a broader skill set that addresses the changing economy. Learning and innovations skills are "increasingly recognized as the skills that separate the students who are prepared for increasingly complex life and work environments in the 21st century, and those who are not." More states, including Massachusetts, are recognizing this shift and addressing the growing importance of the Creative Economy. This presentation will address the research and trends surrounding the Massachusetts' Creative Economy, including local initiatives. Participants will receive an overview of this information and be introduced to a curriculum that is geared towards integrating existing Visual Arts programs and Vocational Majors to strengthen 21st century skills.

Erin Bordeau Minuteman Regional High School

2:00 PM **You Have to Go to School , You're the TEACHER!!!**

2:50 PM

Mike Hayden

2:00 PM **You're Never Going to Make It**

2:50 PM View images of "On Equal Terms", a touring mixed-media exhibit about women in the construction industry created by artist/electrician/educator Susan Eisenberg. Learn strategies for integrating a study of gender equity into language arts and humanities curricula. Discuss parallels between the tools of a writer and vocational-technical tools.

Susan Eisenberg Brandeis

3:00 PM **Building Secondary/Post Secondary Relationships in Renewable Energy/Energy Efficiency**

3:50 PM Presenters will describe their model for consultation and collaboration between secondary and post-secondary institutions to strengthen and enrich programs at both levels, leading to articulations and pathways to enhance student success.

John Kelly Smith Vocational Teresa Jones Greenfield Community Coll

3:00 PM **Embedded PE in SHOP??? What are you CRAZY?? No, Really, it IS There!!**

3:50 PM How to fit it all in??? As the Cambridge Rindge and Latin School moved from an 8 period, rotating schedule to a 4x4 block schedule, concerns arose about "fitting everything in" to the school day and year. In preparation for this, the school looked at "freeing up" a block by embedding PE into their curriculum. Using a combination of the DOE Health Frameworks and the CVTE Curriculum Frameworks, a unique 3 year embedded PE sequence was developed. Come see "how it all fit in . . ."

Bruce Aldrich Rindge Tech



- 8:00 AM **Reverse Engineer a Flaming Bath Tub Toy**
- 8:50 AM Help your students understand the interplay between engineering and physics through the investigation of energy using a patented toy steam boat. With a milk carton, soda can and two straws you can help your students reverse engineer a vintage flaming bathtub toy. In a quest to discover how the boat works, students discover how differences in a simple heat engine drive motion.  
Johanna Bunn Museum of Science
- 9:00 AM **Lead the Way Projects and Resources**
- 9:50 AM A demonstration of projects and resources based on robotics for use in your curriculum.  
Todd Rathier Leominster High
- 10:00 AM **Pre-Engineering Exploratory Starter Ideas**
- 10:50 AM  
Michael Garland Tri-County Regional
- 11:00 AM **Deep ROVer, a Submersible Research Vehicle**
- 11:50 AM Deep ROVer is an innovative research and development engineering activity. This project will result in the creation of a model remote operated vehicle (ROV) capable of underwater research and exploration.  
William Travers Danvers HS
- 1:00 PM **Robotics**
- 1:50 PM Using BotsIQ Robotics in your program  
Bryant Laflamme Assabet Valley
- 2:00 PM **Pre-Engineering Trade Show Visit**
- 2:50 PM
- 3:00 PM **Project Lead the Way**
- 3:50 PM Learn about the benefits and requirements of this pre-engineering program the WPI Program Manager.  
Amanda Simpson WPI

## **SAFETY & HEALTH**

Tuesday June 30

- 9:00 AM **Implementation of an OSHA 10 Hour Hazard Awareness Course**
- 9:50 AM This session will cover OSHA requirements and procedures for conducting OSHA 10 safety training. The instructor will demonstrate ways of enhancing safety presentations to actively engage students in the training.  
Marty Henry Assabet Valley
- 9:00 AM **Safety Inspections in Vocational Schools**
- 9:50 AM Discussion of the safety and health inspections in vocational schools  
Neal Doherty MA Div Occ Safety
- 9:00 AM **Simply You (Passion-Perspective-Pursuit)**
- 9:50 AM The "Simply You" assembly presentation has three objectives for its participants. Stress relief, inner reflection, and motivational and then some through fun energizers. Our workshop,/assembly presentation can best be described by Ralph Waldo Emerson's quote "To Laugh Often and much; to win the respect of intelligent people and the affection of children . . .to leave the world a better place . . . To know even one life has breathed easier because you have lived. This is to have succeeded. This workshop is based on 4 small motivation booklets for young people and their parents. Although the messages conveyed are targeted to young people they are for all ages so let's learn, love, laugh, live and give together!  
David Harrison, Gina Depres, & Ben Trahan Old Colony
- 10:00 AM **Construction-Residential Fall Hazards and Scaffold Safety**
- 10:50 AM Focused training on residential construction safety hazards – fall hazards and scaffold safety (typical residential-type scaffolds)  
Walt Cienaski
- 10:00 AM **General Industry - Machine Guarding**
- 10:50 AM An OSHA Compliance Assistance Specialist will present the basic principles of all machine guarding and an overview of the OSHA standards that apply to machine guarding in general industry.  
Carol Bates

10:00 AM **Service- General Hazards**

10:50 AM This discussion will cover general safety and health hazards in the service industry – especially most commonly found hazards and review statistics of fatalities and injuries.

Jean Manoli

10:00 AM **Simply You (Passion-Perspective-Pursuit)**

10:50 AM The "Simply You" assembly presentation has three objectives for its participants. Stress relief, inner reflection, and motivational and then some through fun energizers. Our workshop,/assembly presentation can best be described by Ralph Waldo Emerson's quote "To Laugh Often and much; to win the respect of intelligent people and the affection of children . . .to leave the world a better place . . . To know even one life has breathed easier because you have lived. This is to have succeeded. This workshop is based on 4 small motivation booklets for young people and their parents. Although the messages conveyed are targeted to young people they are for all ages so let's learn, love, laugh, live and give together!

David Harrison, Gina Depres, & Ben Trahan Old Colony

11:00 AM **Overview of MA Youth Employment Laws**

11:50 AM Topics will include: hours restrictions, hazardous occupations, work permits, minimum wage, tips, breaks, overtime and enforcement practices and priorities of the Attorney General's Office, Fair Labor Division.

Lauren Goldman Outreach Coordinator, Fair Labor Div.

11:00 AM **Right to Know/Understanding Material Safety Data Sheets**

11:50 AM Material Safety Data Sheets are the primary method for obtaining information about chemical hazards. However ,reading and understanding the information provided on these sheets can be difficult. This session will highlight some of the key pieces of safety information that can be found on a Material safety data sheet and will demonstrate how to use this information to determine the hazards and safety procedures needed to safely work with these chemicals.

Nancy Comeau MA Div of Occ Safety

11:00 AM **Safety Training in the Shop or Classroom**

11:50 AM This session will overview various ways to incorporate OSHA safety training into the shop or classroom environment. Some of the training methods will include: demonstration, PowerPoint presentations, posters, and safety videos that are created by students.

Marty Henry Assabet Valley

11:00 AM **Simply You (Passion-Perspective-Pursuit)**

11:50 AM The "Simply You" assembly presentation has three objectives for its participants. Stress relief, inner reflection, and motivational and then some through fun energizers. Our workshop,/assembly presentation can best be described by Ralph Waldo Emerson's quote "To Laugh Often and much; to win the respect of intelligent people and the affection of children . . .to leave the world a better place . . . To know even one life has breathed easier because you have lived. This is to have succeeded. This workshop is based on 4 small motivation booklets for young people and their parents. Although the messages conveyed are targeted to young people they are for all ages so let's learn, love, laugh, live and give together!

David Harrison, Gina Depres, & Ben Trahan Old Colony

1:00 PM **Emergency Preparedness (Fire Prevention and Emergency Action)**

1:50 PM OSHA overview that would apply to both Construction and General Industries which include fire prevention plans.

Tim Irving

1:00 PM **Placement Coordinator Safety and Health Awareness Training/Coop Site Evaluation**

1:50 PM Broad Hazard Awareness Training for Coordinators to help them better identify hazards/screen coop facilities for student placements – both construction and general industry.

Jean Manoli

1:00 PM **Respiratory Protection - Hands On & Fit Testing Demonstrations**

1:50 PM In order for respirators to work as intended they must fit the user. Not all faces are created equal!! An improperly fitted respirator will not protect against contaminants and may provide a false sense of security. OSHA requires that all tight fitting respirators such as half-face and full-face-piece masks (non-powered, powered and air supplied) be fit tested. Even disposable filtering face-piece respirators used for tuberculosis control are required to be fit tested. This presentation will demonstrate the two main types of fit tests available, and discuss the pros and cons of each test.

Nancy Comeau MA Div of Occ Safety

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David Harrison, Gina Depres, & Ben Trahan Old Colony

2:00 PM **70E OSHA Overview**

2:50 PM OSHA overview that would apply to both Construction and General Industries which will include Fire Prevention Plans

Ken Mastrullo

2:00 PM **Case Studies - Bloodborne & Ergo in the Schools - Service**

2:50 PM Bloodborne Pathogens and Ergonomics: Stopping Germs and Muscle Aches. Learn infection control strategies for common school illnesses such as stomach bugs and whooping cough. Learn what OSHA wants you to know about HIV, Hepatitis and MRSA. Learn the best way to clean up after vomit, bloody noses, and other gross stuff. Learn the top 5 things to teach your students in healthcare, dentistry and cosmetology departments about blood. The end will review common ergonomic risk factors and solutions.

Mary Dozois

2:00 PM **Environment, Health and Safety Issues That Can Be Found in a Technical High School**

2:50 PM An overview of what EH&S issues have been found at other technical high schools and some simple solutions.

John Woodmansee

2:00 PM **Safety in the School Science, Art & Technology Laboratory**

3:50 PM For over 30 years, the Laboratory Safety Institute (LSI) has been the only nonprofit education center for lab safety in schools. LSI will provide and information packed two-hour presentation reviewing the fundamentals of lab safety and effective lab safety programs. Special attention will be given to legal aspects of lab safety. This will include a discussion about liability and negligence, as well as a review of federal, state and local regulatory requirements. LSI will explain the types of negligence; review responsibilities of schools and teachers, and describe how to reduce the likelihood of lawsuits. The first 24 participants will also receive a 260-page Laboratory Health and Safety workbook full of resources, checklists and forms to help you improve your lab safety program. LSI's presentation and workbook are funded through a grant from the Massachusetts Department of Industrial Accidents.

Christina Dillard

The Laboratory Safety Institute

2:00 PM **Simply You (Passion-Perspective-Pursuit)**

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David Harrison, Gina Depres, & Ben Trahan Old Colony

3:00 PM **Case Studies - Construction**

3:50 PM Review the background, size and duration of the project as well as the circumstances surrounding either an accident or incident. A summary of OSHA citations issued to the contractor, including penalty, severity, and dollar amount will be discussed with the group along with possible preventive actions that could have been taken to avoid or reduce the severity of the final outcome.

Tim Irving

3:00 PM **Case Studies - General Industry**

3:50 PM Review the background, size and duration of the project as well as the circumstances surrounding either an accident or incident. A summary of OSHA citations issued to the contractor, including penalty, severity, and dollar amount will be discussed with the group along with possible preventive actions that could have been taken to avoid or reduce the severity of the final outcome.

Carol Bates

3:00 PM **Simply You (Passion-Perspective-Pursuit)**

3:50 PM The "Simply You" assembly presentation has three objectives for its participants. Stress relief, inner reflection, and motivational and then some through fun energizers. Our workshop,/assembly presentation can best be described by Ralph Waldo Emerson's quote "To Laugh Often and much; to win the respect of intelligent people and the affection of children . . .to leave the world a better place . . . To know even one life has breathed easier because you have lived. This is to have succeeded. This workshop is based on 4 small motivation booklets for young people and their parents. Although the messages conveyed are targeted to young people they are for all ages so let's learn, love, laugh, live and give together!

David Harrison, Gina Depres, & Ben Trahan Old Colony

3:00 PM **Tools for Techs**

3:50 PM Learn how to apply the "tools for school" Indoor Air Quality Program in a technical high school setting.

John Woodmansee

## SCIENCE & TECHNOLOGY

Wednesday July 1

8:00 AM **Integration of Physics and Robotics**

8:50 AM Physics teacher, Mr. Toomey has collaborated with the robotics/electronic program. He will demonstrate some projects that integrate physics and electronics.

William Toomey Nashoba Valley Technical

9:00 AM **Advanced Placement Biology Class**

9:50 AM Learn how to set up an AP Biology class in your high school. AP Audit process, textbooks, equipment, and lab supplies will be discussed in detail. A Ward representative, Brian Kirsch, will demonstrate new and innovative tools and supplies for the biology lab sessions.

Celia Cocchiaro Nashoba Valley Technical Brian Kirsch Wards

10:00 AM **Smart Board Technology - Introductory**

10:50 AM Introduction to SMART boards is an introductory level demonstration on the basics of Smart Board technology that can be used in any classroom. Mrs. Murphy will provide a step-by-step overview of the tools offered by Smart Board technology's SMART Notebook software. Suggestions on how to get started with the technology are stressed. Ideas on what the software is good for will be discussed.

Jody Murphy Nashoba Valley Technical

11:00 AM **Smart Board Technology - Intermediate**

11:50 AM Intermediate SMART boards will explore how to enhance lessons using Smart Board technology's SMART Notebook software. Learn to create lessons with pictures, animations, and interactive tools. Utilize existing teaching materials to create enhanced lessons and to review homework.

Jody Murphy Nashoba Valley

1:00 PM **Turning Point Technology in the Chemistry Classroom**

1:50 PM A demonstration of the Turning Point Technology Software in the Chemistry classroom to engage student with audience response applications.

Sherri Smith Nashoba Valley Technical

2:00 PM **Using Cell Phones in the Classroom: Homework Reminders and Note-Taking Device**

2:50 PM Discuss the positive uses of cell phones in the classroom. Study's report the effectiveness of homework reminders with the cell phones.

Kathy Lamarre Nashoba Valley Technical

3:00 PM **Science & Technology Visit Trade Show**

3:50 PM

## SPECIAL POPULATIONS

Wednesday July 1

8:00 AM **Assistive Technology Tools for the Struggling Reader and Writer**

8:50 AM Discuss and demonstrate technologies that allow struggling students to access material in the academic and technical settings.

Kathy Zingg Southeastern Mark Pigeon Southeastern

9:00 AM **Best Practices for Math Success in the Technical Area**

9:50 AM A sharing of best practices that can be used in math and technical classes to help students make connections across the curriculum. Some of the best teaching practices will include: KWL, Thin-Pair-Share, Cross Talk and Ask Three Then Me.

Linda Deady

Diman

David Degan

Diman

10:00 AM **Success for All Students- Best Practices and Accommodations**

10:50 AM Best Practices and Accommodations in the High School Co-Taught Setting

Nicole Zamora

Southeastern

Katie Berry

11:00 AM **Strategies for SPED Learners**

11:50 AM Teachers with SPED students in their classrooms need to include individualized activities, strategies, modifications and accommodation in order to address and foster progress of their educational experience. This session will include a brief overview of how to foster and facilitate a steady flow of materials, paperwork, and directives tailored for the students with a diagnosed learning disability. This trained and well-versed professional will review and share examples of how to create specific modified materials.

Anthony Cannella

Rindge Tech

1:00 PM **Meeting the Needs of All Students with Edline**

1:55 PM Learning to use Edline to accommodate students and use the program to connect with parents and students while at home.

Jennifer Hallett

Southeastern

South Shore

2:00 PM **Can you Collaborate? War Stories and Survival Techniques**

2:50 PM Two teachers - one space - many students. . . Could this be you? Stepping on each other's toes? Asking yourself how can we share the teaching, assessing and student interaction more effectively? This workshop will examine the requirements necessary to work successfully a collaborative team in a school environment. Participants will learn how to build a professional relationship through utilizing each person's strengths.

Michael Mahoney

South Shore

Maria Davey

3:00 PM **Special Populations Trade Show Visit**

3:50 PM

## TECHNOLOGY

Tuesday

June 30

9:00 AM **How-to-Be Green NOW**

9:50 AM What is GREEN and what does it mean to build GREEN? This clinic helps to define basic concepts of green building and various "branches" of green such as renewable energy, energy efficiency strategies and material selection. In addition, we discuss existing national rating programs that encourage a higher level of sustainability within the built environment.

Rick Arnold

Myron Ferguson

9:00 AM **Intro to Keynote for the MAC**

9:50 AM A brief introduction to Apple's Keynote software program.

Greg Bendel

Shawsheen Tech

9:00 AM **Introduction to Basic Excel Hands On Part 1**

11:50 AM Create, edit and print worksheets for your classes.

Donna Papapietro

9:00 AM **Introduction to Blogging for Education & Non-Profits**

10:50 AM Most people think of a blog as a hard-to-manage daily journal, or a public forum they can't control. In reality, blogs can be a terrific way for those untrained in coding to edit and add content to their websites. In fact, blogs can even take the place of a website with lower cost and quicker training time. In this workshop, we will introduce the basic elements of blogging that will allow you to add a blog/newsroom to your existing site, or build a website directly using Wordpress software. Please come to class with at least three "press releases" type documents (in text or your favorite word processor), and 2-3 digital images. Topics covered: Setting up a blog - types of blogs and advantages of each: Typepad, Wordpress, Blogger, etc. , creating an account on-line vs. local installation, account settings (personalize your WP site), choosing a theme -- Creating Content - posts and pages, adding categories and tags, creating links, using widgets - - Adding images.

Don Meskie

Watershed Online Media

Kate Broughton

9:00 AM **Introduction to PowerPoint Presentations**

11:50 AM Participants will be introduced to the basics of PowerPoint and how it can be used in the classroom. Topics will include: creating new presentations, opening and editing existing presentations, saving presentations, inserting new slides, choosing layouts, inserting text, clipart and word art, changing fonts, viewing and print a slide show. Participants will view and discuss examples of how other teachers have used PowerPoint in their classrooms. Participants should come prepared with material to begin creating a presentation for use in their own classroom.

Jody Murphy

9:00 AM **PC Fundamentals and Repair**

10:50 AM Participants will be involved in a "hands-on" lab disassembling and reassembling PC hardware components. They will work in teams removing hardware such as RAM, video cards, and storage devices. Hardware will then be reinstalled back to the unit. Class size limited.

Frank Botte

9:00 AM **Solar Energy - Part One**

11:50 AM A presentation on photovoltaic energy systems split between the 2009 MVA and MAVVA conferences. The combined workshops will require a 10 hour commitment from attendees. The first four hours will take place on March 28 at Upper Cape Cod Tech. The second four hours will be held at the summer conference. A two hour assignment involving writing of curriculum will be given to participants. The textbook Photovoltaic Systems by American Technical Publisher will be required at a cost of \$78.

John Sannizzaro

10:00 AM **Teen Dating Violence**

11:50 AM Teen dating violence has long been an underappreciated and underreported aspect of our young people's lives. The recent incident in which pop star Chris Brown was charged with assaulting his girlfriend, Rihanna, has placed a new spotlight on this troubling dynamic. This presentation will take a look into how teen dating violence affects today's teens, and address these important statistics: 1 in 3 teenagers report knowing a friend or peer who has been hit, punched, kicked, slapped, choked or physically hurt by their partner - youth, specifically between the ages of 16 to 24, experience the highest per capita rate of intimate partner violence in the nation - following new reports on the alleged incident between Brown and Rihanna, a survey of Boston teens revealed that 46% of respondents believed that Rihanna was in some way responsible. In addition, 44% said that fighting was a normal part of a relationship. During the presentation there will be a viewing of the Public Service Announcements created by high school students in Middlesex County through Middlesex District Attorney Gerry Leones PSA project for students.

Margie Daniels

Middlesex Partnership for Youth

Shawn MacMaster

10:00 AM **Weatherization for Green Buildings**

10:50 AM A key component of all green buildings is the concept of weatherization. A poorly detailed building uses more energy, creates an uncomfortable indoor environment for the occupants and increases the overall lifecycle costs. In this clinic we expand on the "Best Practices" branch of green and illustrate how new products and technologies help to improve the performance of new and existing buildings.

Rick Arnold

Myron Ferguson

11:00 AM **Building Diagnostics and Energy Efficiency**

11:50 AM This workshop explores basic building science principles and the branch of green known as "Energy Efficiency." We will discuss an array of diagnostic tools that are used to measure energy usage and performance for residential and commercial buildings and the importance of energy conservation and sustainability in the built environment.

Mike Ostiguy

Paul Wolff

12:00 PM **"Green Jeopardy" Challenge**

12:55 PM This learning activity will help attendees to review the information presented in today's workshops and to test their own knowledge of sustainability. A variety of prizes will be awarded to participants for correct answers in a "Jeopardy" style challenge with industry experts. No attendance credit given.

Myron Ferguson

Rick Arnold

Paul Wolff

1:00 PM **Cyber Safety In Schools**

2:50 PM The internet offers almost limitless opportunities to gain knowledge and make contact with others. When used appropriately, it is a powerful and positive tool. However, school staff and parents need to be aware of the risks inherent in this technology. Participants will learn about online issues impacting youth, such as predators, cyber bullying and virtual worlds. The differences and similarities of online safety issues to offline safety issues will be highlighted. Effective prevention and intervention strategies for teachers and administrators will be outlined and discussed.

Margie Daniels

Middlesex Partnership for Youth

Onyen Yong

1:00 PM **Emerging Careers for Green Jobs**

1:50 PM The increased awareness of the importance of energy conservation and green building is the creation of a variety of new career paths. In this workshop we will discuss new career paths and skills related to the fields of technical education, building science and diagnostics, product distribution, material management and renewable technologies. In addition, we also discuss the ways in which established occupations are changing in response to the current interest in "being green."

Tim O'Neill

Paul Wolff

Andrew Visser

1:00 PM **Enhancing PowerPoint Presentations**

3:50 PM Participants will learn advanced PowerPoint techniques to enhance the learning potential of their presentations. Participants will complete a project. Topics will include: slide transitions, changing backgrounds, inserting pictures from files and the internet, copyright requirements, inserting sounds, inserting video and custom animations.

Jody Murphy

1:00 PM **Introduction to Basic Excel Hands On Part 2**

3:50 PM Create, edit and print worksheets in your classes.

Donna Papapietro

1:00 PM **Solar Energy - Part Two**

1:50 PM A presentation on photovoltaic energy systems split between the 2009 MVA and MAVVA conferences. The combined workshops will require a 10 hour commitment from attendees. The first four hours will take place on March 28 at Upper Cape Cod Tech. The second four hours will be held at the summer conference. A two hour assignment involving writing of curriculum will be given to participants. The textbook Photovoltaic Systems by American Technical Publisher will be required at a cost of \$78.

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