



VTAM/TEAM Collaborative SAG Conference

Creating Stronger Student Connections through Contextual Practices

Technical Vocational High School, 1555 Wall Street

PROGRAM

8:00–9:00 a.m.

Check-In/Ingress/Coffee/
Tour Bus leaves 9:00 AM Sharp

9:00–10:30 a.m.

Morning Sessions (9:00 a.m.–
12:00 p.m. for MB Hydro Tour)

10:30 a.m.–12:00 p.m.

VTAM AGM/TEAM AGM/
Sponsor Visits

11:00 a.m.–12:00 p.m.

Sponsor / Presenter Lunch

12:00–1:30 p.m.

Delegate Lunch: included
in Conference Fee

1:30–3:00 p.m.

Afternoon Sessions

3:00–3:30 p.m.

Egress/Prize Draws—
must be in attendance

8:00–9:00 a.m.

Check-In/Ingress/Coffee/ Tour Assembles

Location: Main Entrance

Tour Location: Participants to assemble at the North Doors

Morning Tour

**Departs 9:00 a.m. sharp,
returns 12:00 p.m.**

Spirit and Energy: Tour Manitoba Hydro's New Head Office

Barbara Bertrand – Manitoba Hydro – Public Safety and Education Coordinator - Business Communications

The new head office for Manitoba Hydro in downtown Winnipeg is designed to be a model of energy efficiency and sustainability, integrating a host of green systems and technologies. Join us for a one hour guided tour of this fascinating building designed by architects Kuwabara Payne McKenna Blumberg. Tour bus will depart from Technical Vocational High School at 09:00 am sharp and delegates will be transported back to the high school in time for lunch.

Location: Embark/Disembark at the North Doors

Interest Code: GI

Session Code: AMT

Max: 40

9:00–10:30 a.m.

Morning Sessions

CDX: Automotive Technology Software for Contextual Learning

Mark Murray, CDX Global/Jones and Bartlett

Learn how this interactive educational tool can transform your vocational and industrial arts transportation technology program into a tech/professional contextual learning community. CDX is currently being used throughout Manitoba and connects our students' with the academic essentials to improve their applied learning.

Location: Room 101

Interest Code: TT

Session Codes: AM001/PM001

Max: 20

Aboriginal Education and Technology Instruction

Gerry Bozzo, Keewatin-Patricia District School Board; Pete Zilinski, Beaver Braie High School, Kenora, Ontario

Meet Gerry and Pete, two technology innovators who work in collaboration to teach aboriginal students enrolled in trades and technologies programming. These Manitoba neighbours have developed a curriculum and have packaged a set of materials that have been very successful in helping industrial arts and vocational teachers attend to the unique needs of aboriginal students. Learn how Gerry and Pete assist their students as they transition from school, to work practicum and into the workforce. Join

them both and become inspired and energized to better help your students.

Location: 205

Interest Code: GI

Session Codes: AM002/PM002

Max: 20

Building a Composite Skateboard: Parts I & II

Brian Weiser, Aerospace Technology, Technical Vocational High School

The two sessions will present basic composite fabrication techniques and will be an intensive “hands-on” workshop discussing tools & equipment, safety aspects of composites, and mold construction. The majority of time will be spent learning the basics of composite fabrication. Participants will lay-up a composite skateboard deck during the A.M. session and learn finishing techniques the P.M. session. The following is a brief outline of session contents:

Part I: AM Session:

- Prepreg materials basics
- Vacuum bagging technique
- The lay up process
- Curing process

Location: Room 108

Interest Code: CW/IA

Session Codes: AM003/PM003

Max: 10

Lincoln Electric Virtual Welder

Sebastien Tremblay – Lincoln Electric

Lincoln Electric brings a unique welding training experience where instructors and new welders can set up their welding machines, and practice their welding techniques within a virtual environment. We will show how results can be tracked in real-time to allow instructors to guide students through their welds and review their results to provide recommendations for improvement. Participants will be able to try their hand at “virtual welding”.

Location: Room 104

Interest Code: TT

Session Code: AM004/PM004

Max: 20

Photoshop for the Expert – Infrared Photography

Alexandra Morrison, Photo Central

Alex was the Canadian Photographic Artist of the Year in 2009, and received her Craftsman of Photographic Arts (CPA) in 2010 by the Professional Photographers of Canada (PPOC). Alex is an award winning professional photographer and nationally accredited in Stock Photography. She has numerous professional awards to her credit and several of her images are featured in the PPOC National Loan Collection. She served on the Board of Directors of PPOC of Manitoba for a three-year term. She was selected as the Manitoba Woman Entrepreneur of the year in 2007.

Location: Photography Department, Room 203

Note: This is an Advanced Level workshop—Participants must have a strong knowledge of CS4 or CS5 for this session to be of value.

Interest Code: VA

Session Codes: AM005

Max: 20

DARE to COMPETE! Building a Better Future with Business and Industry partnerships through work practicum and Career Internships

Ron Koslowsky, Canadian Manufacturers and Exporters

Discover the benefits to actively drawing out the entrepreneurial spirits of their students and develop their Essential Skills for continuous improvement through real life experiences. Teachers who are seeking to connect real world expertise with their classroom instruction should attend this session to learn how our industry partners work with schools and divisions to make learning contemporary, contextual, and collaborative.

Location: Room 225

Interest Code: GI

Session Code: AM006

Max: 20

Exhale Reflexology: “BACK” by Popular Demand! TOO!

Kelly M. Konechny, RCRT

Find out how reflexology can virtually eliminate your stresses by stimulating the whole body to function at its best. This therapy will make you feel more focussed and alert for whatever challenges life throws at you. Kelly will show how reflexology can enhance your current health program—to keep you in your best form possible. This is not fortune telling, and your feet do not lie! You carry them around with you everywhere you go and do they have a story to tell! This is one valuable tool for reflexologists to use in the treatment process and will share some of the theories on why your feet look the way they do—take a step in the right direction—and join this presentation.

Location: Room 202

Interest Code: HW

Session Code: AM007

Max: 20

Hybrid Technology—How Green Technology is Changing the Landscape: Passenger Safety, Vehicle Rollover, and Special Crime Investigations Unit

Mike Mislan / Steve Hudey, Manitoba Public Insurance Corporation

Mike will present on how innovations to vehicle mobility will affect the environment, the industry and the community. Learn how Hybrid Technology will change your world and how it will contribute to reducing our ecological and carbon footprints. A must see for teachers interested in solutions for sustainable development.

Location: Room 302

Note: In addition to Mike’s presentation, MPI will have their popular Roll-Over Simulator on-site and their Crash Data Recorder presentation between sessions.

Interest Code: GI

Session Code: AM008

Max: 20

Steering Angle Sensor Reset Procedure

Ken Wood,
Stephenson Equipment Ltd.

Today over 10M vehicles require SAS reset after wheel alignment service. Code Link recalibrates the vehicles steering angle sensor to properly match the final thrust angle of the vehicle's electronic stability control functions.

Location: Automotive Complex, Room 102A

Interest Code: TT

Session Code: AM009

Max: 20

Chocolatier Constance Popp

Constance Popp, Owner/Chocolatier,
Popp Chocolates/Artisan Chocolates

Observe Constance as she demonstrates the fine art of chocolate-making. Constance Popp creations are made-in-Manitoba and use local products whenever possible. See how this savvy business person incorporates fair trade, organic products and bio-degradable packaging to promote stewardship and sustainability; and have a look at the stained glass gift boxes that are made by Manitoba artisans. In a nutshell, you'll find this session to be absolutely SWEET!

Location: Room 230

Interest Code: CA

Session Code: AM010

Max: 20

Apprenticeship Manitoba: Accreditation Matters

Nancy Eller, Apprenticeship Manitoba

Apprenticeship Manitoba will accredit a training provider's program where conformance with Apprenticeship technical training standards can be demonstrated in relation to curriculum, training facilities, equipment, tools and instructor qualifications. Students who successfully complete the accredited program with an accumulative average of 70% or better in the trade subjects and level for which the program is accredited, are entitled to receive technical and practical training credit towards Apprenticeship

training. Learn how the accreditation process works.

Location: Room 206

Interest Code: GI

Session Code: AM011

Max: 20

Simulated Process Screen Printing for Tee-shirts

Morgan Young, Bill Verasky,
Lancer Group

Have you ever wondered how to achieve multi-coloured resolution dependant imprints for black t-shirts? Have you been looking to take your graphics program to the next level? Learn how to do artwork for high-end concert-style t-shirts from your Lancer Group professionals. Participants should have knowledge of Photoshop and a vector based drawing program.

Location: Room 208A

Interest Code: IA

Session Code: AM012

Max: 20

Geodesic Airolite Boat Building

Colin Rodrigue, Geoff Briggs,
Transcona Collegiate

This session is back by popular demand. Geodesic Airolite Boats are lightweight, skin on frame canoes, dinghy, kayaks and row boats. Building these boats uses construction techniques that are fun and educational, requiring only simple tools and limited space. In this workshop, we will walk through the whole construction process with examples, photos and tips.

Location: Room 121

Interest Code: IA/CW

Session Code: AM013

Max: 25

MIG Welding Aluminum: A practical and hands-on approach

Todd Laudy, James Fedirchuk,
Canadian Welding Association (CWA)

Emphasis will be placed on: MIG welding aluminum with equipment you already have in your classroom, the how-to of wire and gas selection, how to set the welder, proper welding techniques and welding do's, and don'ts. We will provide the helmets, gloves and jackets...you need to come prepared to weld!

Location: Welding Facility, Room 107

Interest Code: GI / MT

Session Code: AM014

Max: 20

10:30 a.m.–12:00 p.m. Annual General Meetings

TEAM General Meeting

Location: Band Room – Room 128

VTAM General Meeting

Location: Theatre – Room 213

12:00–1:30 p.m. Lunch & Supplier Visits

Delegate Lunch served by the Tec Voc High School Culinary Arts Department
Location: Gymnasium - Main Building

1:30–3:00 p.m. Afternoon Sessions

CDX: Automotive Technology Software for Contextual Learning

Location: Room 101

Interest Code: TT

Session Codes: AM001/PM001

Max: 20

Aboriginal Education & Technology Instruction

Location: Room 205

Interest Code: GI

Session Codes: AM002 / PM002

Max: 20

Building a Composite Skateboard: Part II

Continuation of AM Session

Part II – PM Session:

- Trimming Process
- Finishing Techniques

Location: Room 108

Interest Code: CW / IA

Session Codes: AM003 / PM003

Max: 10

Lincoln Electric Virtual Welder

Location: Room 104

Interest Code: GI / MT

Session Code: AM004 / PM004

Max: 20

Even More Expert Photoshop: Turn Panoramic Images into Small World Images

Location: Photography Department, Room 203

Note: This is an Advanced Level workshop—Participants must have a strong knowledge of CS4 or CS5 for this session to be of value.

Interest Code: VA

Session Code: PM005

Max: 20

Career Center Field Report: Oklahoma State Visitation

Monika Idzikowski, Louis Riel Arts and Technology Centre

Learn how our neighbours to the south deliver technical vocational programming. Monika and her other investigative reporters will report on their visit to three Career Centers in the state of Oklahoma as well as their meetings with representatives from the Oklahoma Department of Career and Technology Education. The purpose of the trip was to become familiar with the operational processes of running a career center. Our travelers will discuss their highlights from their trip and will share their list of questions and topics that were used to gain insight during their visit / investigation.

Location: Room 207

Interest Code: GI

Session Code: PM006

Max: 20

Salon Center Presents: L'Oreal International

Bonnie Swaby, Educator, L'Oreal International

Salon Center has been a strong supporter of Hairstyling in vocational schools for many years. Bonnie will go through fall trends and the 'what's new' in colour with Hairstyling Teachers in Vocational Education.

Location: Clothing Lab, Room 231

Interest Code: HW

Session Code: PM007

Max: 40

Electronic Stability Control (ESC): Keeping it on the road—when off-roading wasn't your original intent

Mike Mislán / Steve Hudey, Manitoba Public Insurance Corporation Research & Training

Even BIGGER than Anti-lock Brake Systems (ABS), it has been estimated that up to one-third of vehicle fatalities and 80% of vehicle rollovers could have been prevented if ESC technology had been in place. Discover the significance of ESC and how it builds on the success of ABS (Anti-lock Brake Systems) and is as extraordinary a technological change to personal safety and survival as the AED (Automated External Defibrillator) is to CPR.

Location: Room 302

Interest Code: TT

Session Code: PM008

Max: 20

True Fire Technique

Tony Bage, Graphic Artist, Technical Vocational High School

Don't get burned when trying to create air brush art that jumps out at you. This introduction to air brushing will be a real treat for those of you who are interested in learning the secrets behind "True Fire Technique" fundamentals. Learn how to implement them into the

classroom and impress your students and your friends. If you didn't already know... Tony is recognized as a true master of this art form.

Location: Welding Facility, Room 107

Interest Code: VA

Session Code: PM010

Max: 20

Apprenticeship Manitoba: Construction Trades Initiative

Guy Champagne, Apprenticeship Manitoba

This presentation will be about the Orientation Unit that all accredited providers (high schools and colleges) are to teach Level 1 apprentices which will include material developed by the Construction Sector Council for the construction trades. A new initiative for the construction trades.

Location: Room 115

Interest Code: GI / CW

Session Code: PM011

Max: 20

Autodesk Design Academy and VEX Robotics

Andy Fenos, iDesign

Learn about the Autodesk Academy and VEX Robotics classroom Starter Kit. The Kit includes everything you will need to design, build, power, and operate robots. Attend this session and receive a free Mini HEXBUG Robot.

Location: Drafting Laboratory – Room 110

Interest Code: VA

Session Code: PM012

Max: 20

Getting started with Skills Manitoba Robotics

Rory Winters, Technical Vocational High School

This session is for teachers interested in building large radio controlled robots (40–100 lbs) with students. Participants will look at building materials, electronics, wiring, radio control, drive and motion systems. Find out about the best suppliers for all your parts &

VTAM & TEAM

systems needs and see the Robotic Arm that Team Canada made for the World Skills Competition. Attendees will have a closer look at the basic tools that are needed to get your team into the game. Need more info? Contact Rory in advance at rwinters@wsd1.org.

Location: Room 317

Interest Code: GI

Session Code: PM013

Max: 20

Pulse MIG Welding

Aluminum:

Another hands-on session

Todd Laudy & James Fedirchuk,

Canadian Welding Association (CWA)

In this session, Todd and James answer that gnawing question... Why bother to Pulse Weld at all? Learn how to set the welder, select the correct type and gauge of wire, and create welds using the proper techniques. Careful, you may get gas in this workshop while learning about the Do's and Don'ts for making good welds. Helmets, gloves and jackets will be provided. Please bring along your enthusiasm to actually weld!

Location: Welding Facility, Room 107

Interest Code: GI / MT

Session Code: PM014

Max: 20

Fire! Ready! Aim! Shooting Better Video

Ken Plaetinck,

Technical Vocational High School

This session is designed to help learners shoot better looking video for school and personal projects. Topics to be demonstrated include Video Production and Post-production—including effective editing. Award-winning composition and Video formats will also be discussed.

Location: Room 215

Interest Code: VA

Session Code: PM015

Max: 20

Manitoba Hydro: Trades Opportunities

Brent Hopkins,

Technical Training Supervisor

Brent will present and share examples from the modular learning system employed at Manitoba Hydro. He will draw on examples from the entry-level Power Line, Power Electrician and Gas Fitter training programs. The importance of having a foundation in Math and Physics principles will be emphasized as he reviews the aptitude and skills assessment process for new employees.

Location: Computer Lab, Room 342

Interest Code: EE

Session Code: PM016

Max: 20

Battery Man

Mike Kaiser/Brett Duseigne

Location: Electrical Lab, Room 112

Interest Code: EE

Session Code: PM017

Max: 20

Fenton's Gourmet Foods: The Cheese Shop / Fenton's Wine Merchants

Moe Razik, Owner

Fenton's is located in the Forks Market in Winnipeg. They specialize in cheese as well as other various gourmet products such as Pâté, Olives, and Crackers. Fenton's retails the highest quality products to ensure customer service and satisfaction. They boast a selection of over 750 Cheeses, 24 Pâtés, and a full line of Olives, Crackers, and Condiments for your special event needs. In addition, their Wine Boutique includes over 2500 varieties of wine, including port and sherry. Join Moe as he walks you through the finer points of fine dining accoutrements and helps you make your next event - memorable.

Location: Staff Room, Room 314

Interest Code: CA

Session Code: PM018 Only

Max: 20

EDOHEI Sushi & Japanese Restaurant

Sadao Ohno, Executive Chef / Owner

Credited for bringing the unique taste of sushi to our city, Sadao Ohno was formally trained at Edohei (Tokyo). He was bestowed the highest honour from his mentor and received the name Edohei for his restaurant in Winnipeg. Ohno-san has received accolades for his innovative restaurant style and is known as the "Father of Sushi". Ohno and his family are committed to furthering nouveau Japanese cuisine, and continue to create new traditions based on experience, experimentation, and dedication to this edible art form's history. Ohno takes pride in introducing new palate sensations using Japanese ingredients and cooking techniques, and then combining them with Western influences. In this session you will learn that umami means savory in Japanese and his creations will let you experience what "BAM" really tastes like when it comes in contact with your palate.

Location: Room 230

Interest Code: CA

Session Code: PM019 Only

Max: 20

3:00–3:30 p.m. Egress / Prize Draws

Must be in attendance

Location: Theatre, Room 213

Registration

Select two (2) sessions—one (1) Morning and one (1) Afternoon

TEAM & VTAM membership and conference information:

Important New Registration Procedures:

Conference planning and organization takes many hours and considerable effort to coordinate. Fortunately, this task has always been performed by small groups of your peers who voluntarily dedicate their personal time to prepare the day for you. Please support their efforts on your behalf and adhere to the following new procedures...

NEW ONLINE REGISTRATION LINKS ARE AT: <http://www.tvsag.org>

- **CHECK-IN** will be at the top of the stairs once you enter through the Main Doors off the east side parking lot—there will be **NO REGISTRATION** on the Day of the SAG Conference.
- **NO REGISTRATION / PAYMENT** will be accepted after Friday October 15, 2010:
 - to get an earlier and accurate indication of expected attendance
 - to ensure that all conference expenses are covered
 - to maintain reasonable membership, conference & lunch fees.
- **NEW: THERE WILL BE NO REGISTRATION AT THE DOOR...**

- **only those who registered by Friday October 15, 2010 may attend**
- **there will be no admittance for persons who just show up at the door**

General Registration Info

- Delegate Lunch is included in the conference fee and begins promptly at noon.
- Space constraints require us to provide Exhibitors with lunches in their display area.
- Register early - some workshops have maximum limits.
- Online registration reserves your spot, prevents delays, and avoids additional fees.
- If online registration with your credit card makes you squeamish—purchase a pre-paid credit card from a

TEAM REGISTRATION

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TEAM Membership fees

Register online @ www.tvsag.org
Full membership.....\$25.00
Associate membership.....\$50.00
First Year Students...Complementary
Student membership.....\$15.00
Retirees.....Complementary

TEAM Conference fees for Full, Associate or Retirees

Register online @ www.tvsag.org
Early Bird: PayPal/Online.....\$45.00
Early Bird: Cash or Cheque..\$50.00
After October 8, 2010.....\$60.00

TEAM Conference fees for Industrial Arts Teacher Candidates

Early Bird: PayPal/Online.....\$25.00
Early Bird: Cash or Cheque..\$30.00
After October 8, 2010.....\$60.00
TEAM Conference fees for Non-members.....\$75.00

Mail TEAM cheques to:

TEAM SAG
Box 2396
Winnipeg MB R3X 4A7
TEAM Membership and Registration fees

- Members receive our newsletters, participate in social events, have a say in Technology Education, will receive advance information and good rates on workshops and activities—throughout the year.
 - With your membership we receive a grant from The Manitoba Teachers Society to promote Industrial Arts and Technology Education on the web and in our newsletters.
 - Please register as a member for the conference. You will receive a newsletter, information on workshops at a reduced cost.
 - Registering with PayPal entitles you to a discounted conference fee.
- If you have any questions about the 2010 TEAM SAG Conference, contact:
Neil Lischka
1.204.668.6249
nlischka@retsd.mb.ca

VTAM & TEAM

vendor of your choice.

- Receipt of payment completes and confirms your registration.
- Receipts will be issued along with your information package at the conference.
- Register with the proper group if using the form inside the MTS SAG brochure.

Note

The option to obtain membership and privileges to both team and vtam is provided at each organizations website.

However, please note that membership fee schedules do differ slightly.

Session Codes:

AMT = Morning Tour
9:00 a.m.–12:00 p.m.

AM = Morning Sessions
9:00–10:30 a.m.

Annual General Meetings
10:30 a.m.–12:00 p.m.

Lunch & Supplier Visits
12:00–1:30 p.m.

PM = Afternoon Sessions
1:30–3:00 p.m.

Interest Codes:

GI = General Interest

CA = Culinary Arts

CW = Composites / Woodcraft

EE = Electrical / Electronics

HW = Hairstyling / Wellness

IA = Industrial Arts

MT = Metalwork Technology

TT = Transportation Technology

VA = Visual Arts

VTAM REGISTRATION

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VTAM Annual Membership Fees

Register online @ www.tvsag.org

Full membership.....\$25.00

Associate membership.....\$50.00

Retired or Student..Complementary

VTAM Conference Fees

Register online @ www.tvsag.org

Full members, Associates, Retirees or Students

Early Bird: PayPal/Online.....\$45.00

Early Bird: Cash or Cheque..\$50.00

After October 8, 2010.....\$60.00

VTAM Conference Fee for

Non-members.....\$75.00

Make VTAM cheques payable to:

VTAM SAG 2010

Cheques must be received/post-marked on or before October 15, 2010.

Mail VTAM cheques to:

VTAM SAG 2010

Cheryl Kalinin

c/o Kildonan East Collegiate

845 Concordia Avenue

Winnipeg MB R2K 2M6

VTAM Full Members:

- Open to certified vocational teachers and/or persons who are engaged in the delivery of vocational education, vocational teacher

education (e.g. Red River College, Universities), and all active or associate members of The Manitoba Teachers' Society.

- Full members hold voting privileges, receive the TecTalk newsletter, are eligible for office, may apply for VTAM professional development funds, and will receive any additional member publications and/or association correspondence.

VTAM Associate Members:

- Students receive complimentary membership during their first year in the Joint RRC/UofW Technical Vocational Teacher Education program.
- All associate members hold the same rights and privileges as full members except the right to vote or hold office.

If you have any questions about the 2010 VTAM SAG Conference - contact:

Denny Signore

c/o Technical Vocational High School
1555 Wall Street

Winnipeg MB R3E 2S2

Tel. 204.786.1401 X 118

Fax 204.774.8375

dsignore@wsd1.org