

Vocational Teachers' Association of Manitoba

Skills Beyond the Borders

Friday November 23, 2007

Garden Valley Collegiate - Main Campus

736 Main Street – Winkler MB R6W 4C8, Phone: 204.325.8008

GVCTEC-Technical Campus

359 Manitoba Road – Winkler MB R6W 1A1

PROGRAM

08:00 – 09:00

GVC Gymnasium

Registration/Continental Breakfast

08:45 – 09:30

Gymnasium

Ingress – VTAM – Annual General Meeting

09:30 – 10:00

Gymnasium

Keynote Address – Ron Koslowsky – CME

10:00 – 10:15

GVC

Refreshment Break/Display Booths

10:15 – 11:00

GVC & GVCTEC

Session A - 40 min.

11:00 – 11:45

GVC & GVCTEC

Session B - 40 min.

10:15 – 11:45

GVC & GVCTEC

Session C - 80 min.

11:45 – 01:00

GVC Lunchtime Entertainment

The Dingleberries – 80s Live Music

01:00 – 01:45

GVC & GVCTEC

Session D - 40 min.

01:45 – 02:30

Refreshment Break/Display Booths

02:30 – 02:45

GVC & GVCTEC

Session E - 40 min.

01:00 – 02:45

GVC & GVCTEC

Session F - 80 min.

02:45 – 03:30

Session G

Heartland Inn

Egress – Wine & Cheese – Prize Draws

KEYNOTE ADDRESS: DISCOVERING MANUFACTURING IN A "FLAT" WORLD

Ron Koslowsky - CHRP—Canadian Manufacturers and Exporters

Ron's background consists of senior human resource and leadership positions, insurance sales and project manager in large construction. As Vice President - Human Resources with Palliser, Ron saw the organization through a period of tremendous growth from 500 employees to over 5,000. During that time, he was responsible for the development of all human resources functions and services necessary to grow and sustain the organization.

In addition to actively participating in a number of community groups and serving as a Director on the Board of Workers Compensation and Crosstown Credit Union, Ron was invited to volunteer in the Premier's Economic Advisory Council – Natural Resources group as well as participate on an advisory board establishing a "best HR

practices" project initiated by the Government of Manitoba. He is currently CME's Vice President involved in leading the Industry Association in Manitoba and supporting the advancement of manufacturing competitiveness and exports. This includes heading the Advanced Manufacturing Initiative designed to improve the level of productivity in the manufacturing sector. He is also a part time Appeal Commissioner hearing WCB appeals as an employer representative.

Ron holds the professional designation of Certified Human Resource Professional (CHRP) and graduated (Business Administration) with honours from Red River College

10:15 – 11:00 – SESSION A – Early AM Workshops – Limit 15 – 40 mins.

VA1 Graphic Design for Techno Teachers

Scott Bell, Graphic Artist/Instructor

Graphic Artist and 2D/3D enthusiast Scott Bell walks you through the Macromedia and Adobe programs that can help you create professional promotional materials for organizations, programs, courses, students or teachers.

VA2 Mastering Colour Management with Digital Projects

Walter Zacharias, Friesen Yearbooks

Learn why colour management is more than the latest buzzword in the graphic arts industry. Gain an understanding of the underlying colour science that supports graphic arts. Learn how new technologies will manage the many challenges in the production of all-digital colour projects. Learn the facts. Understand the science. Master the art.

VA3 Piston Ring Training

Glenn McNally, Technical Trainer

Glenn worked in auto repair since 1978 before he started delivering training programs. He is experienced in electrical/tune-up, A/

C, transmission service/rebuild, and alignment. In 1988 Glenn developed/wrote the Performance Diagnostics program for the Ontario Ministry of Education. Join this session to learn from a master technician.

VA4 Car Painting 101: NEW Water-based paints

Steve Freund, Moonlight Autobody

Local professional Autobody Technician/Manager Steve, will keep you up-to-date with the newest ICAR regulations and will demonstrate and discuss the latest in environmentally-friendly water-based paint technology.

VA5 Road Safety and Special Investigations

MPIC

Ever seen an air bag discharge? Want to know what happens during a vehicle rollover? Curious about what law enforcement can learn from the vehicle's "Black Box"? Wondered about the effects of driving while impaired? Then join this hands-on session to learn how the "worst case scenarios" can be prevented.

VA6 Bio-Diesel for Sustainability

Gary Wiebe, Heartland Bio-Resources

Bio-diesel is a renewable resource that is low cost and environmentally friendly. This session will illustrate why it is an excellent alternative fuel source. Learn about its advantages over regular diesel – for engines and the environment. Compare the different types and sources of bio-diesel. Note: Bio-diesel processes are proprietary, but its basic manufacture will be revealed and samples of bio-diesel will be provided.

VA7 Wheel and Tire Servicing

Ken Wood, Stephenson Equipment

Demonstration of the 2007 Hunter product lines, including the latest in alignment, tire changing and balancing. Learn about "online" updates to provide up-to-date OEM specifications and how to service low-profile and run-flat tires. There will also be time to discuss the Road Force Measurement System that eliminates virtually every cause of wheel vibration.

VA8 "Modis Operandi" – Harnessing MODIS' diagnostics

Abe Fehr, Snap-on Tools

Powerful, Fast, Easy. Introducing MODIS, the innovative diagnostic platform that lets you diagnose today's sophisticated vehicles. The advanced on-board diagnostic capability integrates experience-based information with scan tool instrumentation and features a 4-channel lab scope and a powerful Digital Graphing Multimeter.

VA9 Technical Vocational Initiative Update

TVI Staff

Learn about the recent developments in vocational programming and how TVI supports manufacturing through the Discovery Project.

VA10 Escape Spa de Dia

Tracy Schmidt and Tammy Suderman, Estheticians

Local Estheticians, Tracy and Tammy, discuss their experiences and techniques re: waxing, massage, pedicure, and aromatherapy.

VA11 Mysteries of Paint – Revealed

Doug Janzen, Janzen's Paint

Product knowledge: Teaching you the pros and cons of latex and alkyd paints. Learn what is new in paint technology and the variety of primers available for professional results every time. There will be a question and answer period.

VA12 CNC Lathe: Secrets to "turning" a profit

Mike & David Toews, GVCTEC

This session focuses on the basic functions of the intuitive programming of the CNC lathe. OD turning, facing, tapering, turning a radius, and threading will be demonstrated as well as a demonstration of billet turning of an aluminium glue bottle tip used by Décor Cabinets. The ease of use will prove that you don't have to be a machinist to operate a CNC lathe.

VA13 Lincoln Welding Demonstration

Sebastien Tremblay, Technical Sales Representative

Sebastien will provide a MIG, steel and aluminium welding demonstration @ GVC – Main Campus.

11:00 – 11:45

SESSION B – Late AM Workshops**VB1 CDX Global – Automotive Software**

Mark Murray, CDX Representative

Learn about the CDX Automotive Resource Kit, and discover how it can make your instruction time more effective. With built-in videos, task sheets and four levels of cognitive assessment included, CDX will help to improve teaching and increase student learning.

VB2 Tire Pressure Monitoring and Chassis Electronics

Len Grieves, Academic Coordinator – RRC

Tire Pressure Monitoring systems will be on all vehicles by the 2008 model year. Len will explain why we need to "relearn" the way we look at tires and suspension systems, and he will give details on how we can incorporate these new challenges into the curriculum. Wild ride? Chassis electronics are here to improve vehicle handling by adapting the technology that was first developed within the prothesis sector.

VB3 Vocational Programs in Northern Ontario

Pete Zilinski and Gerry Bozzo, Beaver Braie Secondary School – Kenora ON

Pete and Gerry provide refreshing vocational insights and program information from their vantage as instructors at the Beaver Braie Secondary School in Kenora ON. Learn about "Pathways to College", "Integrated Technologies", and the "High Skilled – Major".

Limit: 15

Duration: 40 Mins.

VB4 Reaching and Celebrating with Applied Learners

Lori Royal & Maria Pacella-Augelone, Program Manager & Executive Director

Come welcome Lori to the vocational fold as she describes the Skills initiatives that are designed to encourage all students to participate in technical-vocational education. Learn about the "Young Women's Conference" for Grade 8 females, Card Board Boat Racing, and the In-School Program that helps young females and males make informed technical-vocational career choices.

VB5 Manitoba Hydro – Power Smart Residential Programs

Ron Livingstone, Energy Service Coordinator

Power Smart Programs for your home – This session will cover the basics of the residential programs that offer incentives to help with home energy improvements. Energy improvements can make your home more comfortable, reduce energy use and save money! Find out how.

VB6 SawStop: The answer to "Digital Safety"

Chris Caliguiri, F.C. Machinery

Witness an amazing safety improvement for today's woodworker. Using technology similar to that found in touch sensitive lighting, this table saw is vigilant in preventing hand injuries. When something other than wood enters the cutting zone, SawStop protects its users by stopping, and dropping the blade away from errant fingers with next to lightning speed. This demonstration is a "must see" and will only be performed twice @ GVCTEC Campus.

VB7 Food Service Innovations

Connie Thibodeau, Pratt's Food Service

Learn about the available product lines as well as the locally grown, locally owned food service products that are customer-friendly and that have been designed to appeal to the new, smarter and more nutritionally conscious consumer, and that can contribute to Healthy Schools.

VB8 Food and Science in the Kitchen

Chef Jeremy Bender – Louis Riel Arts & Technology Centre

Chef Bender looks at the chemistry and physics of good food preparation and takes you on an epicurean adventure through the microbial world of the good, the bad, and the just plain ugly. If you haven't already, it's probably time you rethink your ideas about: yeast, mould, spores, and ascomycetous fungi.

VB9 Colour and DesignTrends

Doug Janzen, Janzen's Paint

Learn the secrets to choosing colours for your home. Discover the importance of rhythm within your space and see the latest in colour trends. Understand how they are developed and how they can impact your life.

VB10 Air Liquide Demonstration

Gerald Gluska

Gerry will demonstrate pulse-welding of light stainless steel and aluminum. See how the 350P welder can compensate for user error to make welding easy and accurate @ GVCTEC.

VB11 Fusion Welding – Made Easy

Eldon Baker, Eldon Welding

Learn how to fuse copper to steel and aluminium to iron. This demonstration is designed to help you overcome your most difficult welding tasks. This session is beneficial for those who have encountered unusual welding challenges, are interested in welding dissimilar metals, or for those who want to make or repair jewellery @ GVC – Main Campus.

10:15 – 11:45

SESSION C – Full AM Workshops – 80 mins.**VC1 Hasta La MS-VISTA**

Jonathan Funk, Vocational IT/PC Network Instructor

A hands-on session to help you discover the benefits, shortcuts and tricks that may make Microsoft VISTA your next computer operating system choice.

Limit: 25

Duration: 80 Mins.

VC2 Wikis and Blogs: Easy Online Collaboration

Dave Hildebrand, GVSD ICT Coordinator

Learn about the easy-to-use web-based sharing tools that are enhancing education. Wikis and Blogs make the Web interactive by adding a new level of sophistication to the way educational information is made available. Participants will create a Wiki and a Blog, and upload content to their new sites.

Limit: 25

VC3 CATIA and CAD: Solid Modelling and Reverse Engineering

Miro Gawinski, Drafting Instructor

AutoCAD is software for 2D and 3D design and drafting. CATIA is a 3D Interactive Application used in the engineering industry and that helped to build the Guggenheim in Spain. Miro will leave you feeling like you are working with "putty in your hands" as you create new designs and products, and analyze their efficiencies.

Limit: 20

VC4 Reinvent the Wheel: The Art of Pottery-making

Marcel Debreuil, Regional Artist
Regional Artist, Dali/Chagall aficionado, and retired Art Instructor Marcel Debreuil returns to the classroom to demonstrate the “psycho-motor” techniques to successfully “throw a pot.” Caution: This hands-on activity is guaranteed to get messy, will keep you going in circles, and may just spin you out of control.
Limit: 15

VC5 Fall Protection: New Regulations / Procedures for Builders

Ellen Olfert, SAFE Workers of Tomorrow
Fall protection systems are a requirement. Learn about the latest changes including: personal fall arrest. Travel restraint, safety nets, control zones, and alternatives. This session will focus on fall protection for residential construction projects.
Limit: 15

VC6 The NEW Standard Cosmetology: Be Part of the Building Block

Mary Timmins, NP Group and Milady
This session will highlight the changes in the 2007 Milady's Standard Cosmetology and will demonstrate the value of the full range of supplements created for instructors and students.
Limit: 20

VC7 “How Its Made” – Tours

GVC Staff
AM 65 min. & PM 80 min. : Visit the businesses that have helped southern Manitoba grow. A combination of mechanical, construction and service industry tours will showcase some of the regions innovative employers. Want to see how a race engine is built? Wondered how RV's are constructed? Can modular building construction be the wave of the future? If you want to know “How it's Made” – Sign up for this session and hop on the next available shuttle bus.
Limit: 15 per bus

12:45 – 01:30
SESSION D – Early PM Workshops
– Limit 15 – 40 mins.

VD1 Repeat of VA2**VD2 Repeat of VB1****VD3 Repeat of VA4****VD4 Repeat of VA6****VD5 Repeat of VA7****VD6 Repeat of VB3****VD7 Repeat of VB4****VD8 Repeat of VB5****VD9 Repeat of VB6****VD10 Repeat of VB7****VD11 Repeat of VA1****VD12 Repeat of VA12****VD13 Repeat of VA13**

01:45 – 02:30
SESSION E – Late PM Workshops
– Limit 15 – 40 mins.

VE1 Repeat of VA1**VE2 “Picture Perfect” Digital Photos**

Doug Friesen, Friesen Yearbooks
Digital photography is desirable because of its convenience and the ability to transmit pictures over the web. Doug will teach you how to get the best results from your camera. Discover the best camera settings for different effects / lighting, and learn about pixels, lens quality, capture medium, capture format, and processing.

VE3 Repeat of VA3.**VE4 Repeat of VA5****VE5 Repeat of VA8****VE6 Stability Control and Hybrid Technology Updates**

Len Grieves, Academic Coordinator – RRC
Stability Control Systems know when drivers are in trouble and take action to prevent roll over or crashes. Learn about this newest challenge to face auto service professionals. Len

also reveals insights about the latest vehicles to convert to the “hybrid-side”, to reduce emissions, improve mileage, and maintain power.

VE7 SYAO: Alternative VocEd Delivery

Harv Giesbrecht, RRTVA SYAO Coordinator

Learn how vocational education can be delivered where none exists. Harv explains the RRTVA SYAO model and how it benefits students without access to vocational programs due to distance restrictions or limited programming.

VE8 Repeat of VB8**VE9 Repeat of VA10****VE10 Repeat of VB9****VE11 Repeat of VB10****VE12 Repeat of VB11**

12:45 – 02:30
SESSION F – Full PM Workshops – 80 mins.

VF1 Linux vs. Microsoft Vista

Jonathan Funk, Vocational IT/PC Network Instructor

A hands-on session that explains and demonstrates the benefits behind one of the most popular “open source” operating systems.

Limit: 25

VF2 Repeat of VC3**VF3 Repeat of VC4****VF4 Repeat of VC5****VF5 Professional Update re: Hairstyling**

Barbara Parkin, Hairstyling Coordinator

Barb walks you through the Federal Incentive Grant for Apprentices, the Essential Skills requirements, and changes to the MB Hairstyling Apprenticeship program. Updates to the revised Red Seal theory examination will be discussed.
Limit: 20

VF6 Repeat of VC7**MEMBERSHIP AND CONFERENCE FEES**

VTAM Membership and VTAM SAG Conference Registration fees can be paid online at <http://www.vtam.org>. If VTAM membership has already been paid directly to the MTS, please remit only the Conference Fee.

VTAM Membership

Full..... \$25.00
Students*..... Complimentary
Non-members..... \$64.00

* Student membership is complimentary for first year – Joint RRC/UofW Teacher Education students only.

Conference Fee**

VTAM Member..... \$40.00
Joint RRC/UofW Teacher Education Students..... \$40.00
Non-member..... 64.00

Combination

VTAM Membership and Conference Fee**..... \$65.00

** Lunch is included with the Conference Fee.

Registration

Register online at <http://www.vtam.org>
Registrations received before November 01, 2007 are entered in the Grand Prize Draw for a \$300 gift Certificate from Solutions/IDC Communications – Winkler.

Late Registration

A \$10.00 late fee will be applied to all registrations received after November 01, 2007

Walk-up Registrations

Please make cheques payable to: Garden Valley Collegiate – VTAM

Chairpersons and Registration**Contact Info:**

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Accommodations**Heartland Resort & Conference Center**

851 Main Street North
Phone 204.325.4381
\$9.00/day

Days Inn & Suites

395 Boundary Trail
Phone 204.325.8888
\$80.10 Weekday
\$85.50 Weekend