

CTS CONFERENCE CHATEAU LAKE LOUISE, ALBERTA APRIL 14-16, 2011



Skills Canada Alberta is pleased to bring a number of our Technical Experts to the annual **Alberta Teachers Association Career & Technology Studies (CTS) Conference**.

On April 15, 2011 at the Chateau Lake Louise many long time volunteers from education, industry and government will share their expertise and experience in creating innovative programs for CTS students.

This is an ideal opportunity to meet the technical experts that have built the projects and scopes for some of our most popular events including:

- Aesthetics
- Architectural Technology & Design
- Auto Service
- Cabinet Making
- Hairstyling
- Mechanical CADD
- Welding
- Carpentry
- Workplace Safety
- Photography



Full descriptions are on pages 2-4.

In addition to the many great key note and auxillary sessions at the conference you can meet Skills Canada Alberta staff and learn about how to get involved and gain professional development as a technical volunteer, register your students for a Regional or Provincial Skills Canada Competition and prepare for a spot on Team Alberta.

Hear how other schools in Alberta are building their CTS programs and accessing Skills Grants to enhance their labs and shops.

Register for the conference at <http://ctscouncil.com/pages/LkLouise2011.html>

For additional information:
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Skills Workshop Descriptions on Pages 2-4

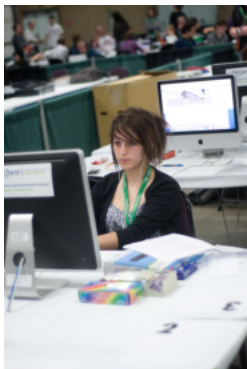
2011 Career & Technology Conference



De-mystifying Skin Analysis

Assessment of the skin can be intimidating for students. Learn how to break down the mystery of a skin analysis, and how to develop a treatment plan that works. Participate in this hands-on session, and get an in depth look at the skin, including cleansing, and analysis with a mag lamp and skin scanner. Take one away an analysis form with you that you can modify, or use as is for your own classes.

Harmony Wolgemuth is the Director of Education of the European Institute of Esthetics & MediSpa. Harmony has been influential in raising the standards in the esthetics industry through her committee involvement. She was the recipient of the 2006 CIABC Instructor of the Year Award. Harmony has been an active Technical Committee member with Skills Canada Alberta and Skills Canada National Technical Committee for over 10 years.



Architecture Design at Provincial Skills

This session will focus on the skills students require to participate in the Architectural Technology and Design competition. Gain hands on knowledge of how to incorporate the projects into your classroom teaching and review the marking rubric. Join us for a round table conversation to develop new ideas for future competition scopes and projects.

Lloyd is a Design Studies teacher at Harry Ainlay High School in Edmonton. He has been a Provincial Technical Committee member for Architecture Technology and Design for the last six years and has also been a National Technical Committee for the last four years. In Mechanical CADD, Lloyd has been a Provincial Technical Committee member for the last two years.



Automotive Service

Many teachers express a concern of not knowing how to prepare for the competition. Being both a PTC member and teacher who has had competitors in every competition I will share what I have learnt on how to prepare your student. Winning is great, but the most important thing is your student comes away from the competition feeling positive about their experience: *Learn how to make this happen!*

Mark Murray has taught Automotive at St. Joseph High School in Edmonton since 1981. His students have competed in Skills Alberta in every competition since it began and in 2009 his student won the Alberta and National gold medals in Automotive Service. Mark is currently a member of the Skills Alberta Automotive Service Provincial Technical Committee.



Learn to make Dovetail Joints

A well-made dovetail almost never comes apart because the stresses of normal use cause it to become tighter. This hands-on work shop involves the marking, cutting and chisel work required to produce a dovetail corner. You will take away a sample dovetail corner you made, along with printed resources to help you incorporate the dovetail joint into your own class projects or Skills Canada training plans.

Mick McGowan has been a Cabinet Making Instructor at SAIT for over 17 years. He served as a volunteer for Skills Canada, at a regional, provincial, national and international level, and is the Chair of the Provincial Technical Committee. In 2009, he coordinated the logistics, equipment and materials for the Cabinet Making Competition at WorldSkills Calgary.

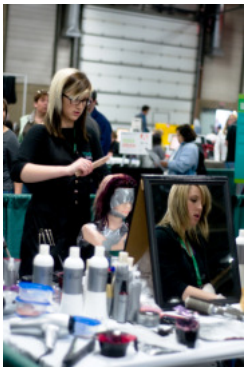
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Carpentry: Building Your Program

Learn how to build and enhance your carpentry program to prepare students for post-secondary studies, apprenticeship and competition. Review the process for teaching students to read blueprints and learn what judges are looking for when evaluating students. Take part in a hands-on project that you can take back to your shop.

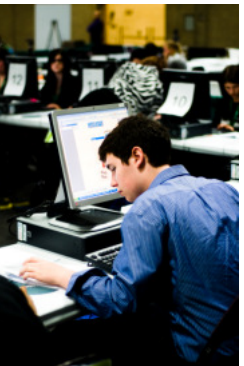
Kendell Anquist has been a Carpentry Instructor at SAIT for over 10 years. He served as a volunteer for Skills Canada at a regional, provincial, national and international level, and is the past Chair of the Provincial Technical Committee. He is currently introducing a new woodworking competition to Skills Alberta called Joinery. In 2009, he was the Workshop Supervisor for the Joinery Competition at WorldSkills Calgary.



Bridal and Evening Hair Designs

Learn the tips to create innovative bridal and long hair styles for evening. Learn key points to develop a creative style, ornamentation and finishing a design. From evening hair to the classic sculptured Bombage, discover tips to perfecting the men's classical sculptured cut (Bombage) & style with beard design.

John Horn is a teacher at Jasper Place High School. In addition to supporting the development of hairstyling programs across Alberta and Skills Alberta Competitions, he has served as a Chief Expert and Workshop Supervisor at WorldSkills International Competitions. John was the recipient of the 2007 Skills Alberta Volunteer of the Year.



Mechanical CADD at Provincial Skills

Enhance your Mechanical CADD skills and gain insight into preparing students for the Provincial Skills Canada Competition. Join us for a round table conversation to develop new ideas for future competition scopes and projects.

Lloyd is a Design Studies teacher at Harry Ainlay High School in Edmonton. He has been a Provincial Technical Committee member for Architecture Technology and Design for the last six years and has also been a National Technical Committee for the last four years. In Mechanical CADD, Lloyd has been a Provincial Technical Committee member for the last two years.



Photography Skills

This session focuses on a number of photography-based items. We will begin with a project for the Introductory Photography course, COM 1205, and then with a round-table discussion about how best to construct a photography competition as a Skills Canada event in 2012. We'll close the session with an invigorating safari around the Chateau Lake Louise with our cameras-yes, please bring yours!

Jordan Walker started teaching with Edmonton Public Schools in 2003. He has a degree in Biological Sciences with a minor in English, and then did a B.Ed. after degree. He currently teaches Communication Technology and Leadership at Harry Ainlay High School.

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Welding Tips and New Technology

Learn about the latest technology being used in welding classrooms to track students' progress, project work and completed exams. Find out how to implement your own welding training program to prepare students for competition and apprenticeship training.

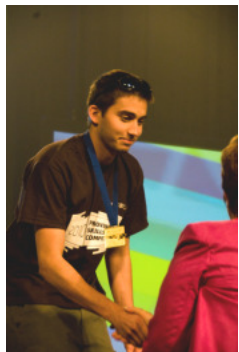
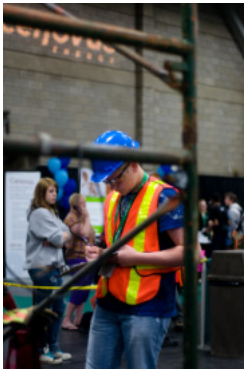
Ken Heather is a Welding Instructor at Red Deer College. Ken has served as a national and provincial Skills Canada Technical Committee Member, WorldSkills Calgary 2009 Workshop Supervisor, and was the 2010 Skills Alberta Volunteer of the Year

Keys to a Safe Lab

This session will look at a variety of topics in safety to assist teachers in their CTS classroom. Suggestions on maintenance, accessibility to safety equipment, record keeping, risk assessments, PPEs, emergency plans and safe handling of materials and goods. At the end of the session the teachers will be provided a plan for a Safety Point that you can make for your lab.

Brian Andrus is the Curriculum Coordinator, and Aerospace and Aviation Teacher at the Skill Centre at Edmonton Public Schools. Brian has had many years of experience in the safety environment including: Alberta Provincial Skills Competition – Safety Committee, National Skills – Safety Committee and the WorldSkills 2009 Safety Committee. He has taken courses in Hazard Assessment and Incident Reporting and has worked with OHS Officers in several Provinces. Brian is also involved with the Alberta Skill Competition – Workplace Safety.

Visit the CTS Conference website for full information on the conference sessions and key note speakers: <http://ctscouncil.com/pages/LkLouise2011.html>



Pathways to Brighter Futures

April 14-16 2011

Thursday	Friday	Saturday
Council Pre-Conference Meeting 1 – 1:30 pm Administrators Session: 2-6 pm Apprenticeships and CTS Alberta Education Round Tables Focus: Best Implementation Practices for CTS Wine & Cheese: 8pm	Breakfast @ 8 am Keynote 8:45-9:45 am Cluster Breakouts 10 -10:30 am Session 1: 10:45-12pm Lunch 12-12:45 pm Session 2: 1 – 2:15pm Session 3: 2:30 – 3:45pm Barbeque Dinner at the Chalet	Breakfast @ 8 am AGM: 8:15–9 am Session 4: 9:15 – 10 am Session 5: 10:15 – 11 am Closing Keynote: 11:15- 12:15 pm Lunch and Awards: 12:15 – 2 pm Annual General Meeting Elections