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September 1-7



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Welcome

from WorldSkills Calgary 2009



It is my pleasure to welcome you to Calgary and to the 40th WorldSkills Competition.

The organizing Committee and citizens of Calgary are proud to host the Competition and to help promote skills, trades and technologies excellence. WorldSkills Calgary 2009 is a once-in-a-lifetime opportunity to watch highly-skilled, passionate, world-class Competitors participate in 45 skills on the international stage. Hundreds of young Competitors from all over the world are gathered here to compete in everything from robotics to web design, welding to cooking and autobody repair to landscape gardening.

To witness the global skills movement in action is to develop a deeper respect and appreciation for the passion and expertise embodied by those involved in skills, trades and technologies careers.

Please enjoy your visit to the Competition. Participate in our innovative Skills Ambassador Stations program or get your hands dirty at one of our many Try-A-Skill areas. This is your opportunity to get hands-on with many of the trades, skills and technologies featured at the Competition.

I also want to encourage you to visit the WorldSkills Calgary 2009 Arts and Culture Celebration at Stampede Park and at Olympic Plaza in downtown Calgary. This program is brought to you by the city of Calgary, who have arranged artisans and artists from across the country to demonstrate the many talents and cultures that make Calgary such a multi-cultural community.

I wish every Competitor good luck as they compete for Gold and I hope all participants, Delegates and visitors have a great time at the 40th WorldSkills Competition. It is our honour to have you here. I hope you enjoy your visit to Calgary.

Richard L.H. Walker
President and CEO
WorldSkills Calgary 2009

Welcome

from WorldSkills International



Our Canadian hosts have helped raise the bar in many areas of the Competition and have enabled us to achieve our collaborative "WorldSkills Champions on the World Stage" strategic goal. By shortening the Competition into an integrated 6-day event we aim to keep the momentum and media engaged right from the Opening Ceremony through to the Closing Ceremony. With additions such as Skills Ambassador Stations and Skill City, visitors will be able to get a close-up look at the 45 skill categories like never before.

By giving the Experts in each skill category additional responsibilities for media promotion and improved sustainability outcomes we aim to improve the overall Competition experience for all participants and visitors. For the first time ever, the majority of skills will report results on a daily basis with the top five Champions in each skill being identified, but not in rank order.

Something unique and special to WorldSkills Calgary 2009 will take place the day after the Closing Ceremony at McMahon Stadium during the CFL Labour Day Classic football game half-time show. All the Competitors and Experts will parade onto centre field to be recognized by fans and the television audience.

We would like to sincerely thank WorldSkills Calgary 2009 as the hosts and organizing committee for our 40th Competition. We would also like to recognize the efforts and contribution of our Canadian Member organization, Skills/Compétences Canada. They have a strong network across Canada and will benefit greatly by the legacy from this Competition. They will continue to fly the WorldSkills flag strongly and proudly in Canada for years to come.

Undoubtedly the biggest stars are the Competitors themselves. We recognize all their efforts and for being the national champions from their home countries/regions. They are ultimately seeking their personal best here in Calgary and



the lucky few will walk away with gold, silver or bronze medals. To WorldSkills International, every Competitor who participates, regardless of their ranking, will leave as a WorldSkills Champion. As WorldSkills Champions, they are the best of the young workforce that is the future of this world. After observing them over the next four days, I am sure that we will all breathe easier knowing that our future is in their hands.

Without the large voluntary group of industry and education Experts and Workshop Supervisors, the 40th WorldSkills Competition would not be possible. These committed individuals have collectively given many hundreds of hours of their own time to train, prepare, and develop the Competitors as well as organize and conduct the skill category competitions. I would like to express a heartfelt thank you for all their efforts, which enables WorldSkills International to achieve its vision and mission.

Once more I would like to send my best wishes to all Competitors, Experts and to our Canadian hosts for what I know will be an outstanding Competition.

A handwritten signature in blue ink, appearing to read "J. Dusseldorp".

Jack Dusseldorp
President
WorldSkills International

Welcome
from the Prime Minister

Canada



PRIME MINISTER . PREMIER MINISTRE

I am pleased to offer my warmest greetings to everyone participating in WorldSkills Calgary 2009 and to welcome all of the international Delegates, Competitors, Experts, educators and spectators who have travelled to Canada for this event.

The WorldSkills Competition showcases the pinnacle of excellence in vocational training. To qualify for this event, you have worked hard to hone your skills in one of 45 different categories. As you put your abilities to the test, you may take great pride in the talent, determination and personal sacrifice that have brought you this remarkable opportunity.

I would like to give special thanks to the host, the sponsors and all the volunteers who have helped to make this event such a success. Your efforts will help to raise awareness in youth of the importance of skills development, and to inspire everyone to achieve the highest standards of excellence in everything they do.

On behalf of the Government of Canada, please accept my best wishes for an exciting and successful Competition.

The Rt. Hon. Stephen Harper, P.C., M.P.

Strengthening Canada's Workforce



Renforcer la main-d'œuvre canadienne



Human Resources and
Skills Development Canada

Ressources humaines et
Développement des compétences Canada

Canada

Canada House

As the Canadian Member organization of WorldSkills International and the Legacy Partner of WorldSkills Calgary 2009, Skills/Compétences Canada is proud to showcase Canada House.

Come and see what Canada has to offer young people in various industry sectors.

Experience Canada House through all of your senses: see, touch, smell, hear and taste how the trades and technologies can impact your daily lives. Interactive, educational and fun displays within this 5000 sq. ft. tent will allow you to discover what the skilled trade and technology sectors have to offer in the Technology, Manufacturing, Construction, Transportation and Hospitality fields.

With the resources and expertise of Skills/Compétences Canada partners and sponsors, this showcase promises to be a "do not miss!" Look for announcements concerning our special guests and programming that guarantee to be once-in-a-lifetime experience. Visit our website at www.skillscanada.com



Alberta House

Alberta is gearing up to promote the province to the world during the 40th WorldSkills Competition in Calgary, September 1 - 7, 2009. Albertans and the world will have opportunities to share in the excitement of the Competition and experience Alberta as a key education, cultural and tourism destination and the host of a world-class skills, trades and technologies Competition.

Alberta House, located in Global Skills Village and steps away from Canada House, will help to profile Alberta on the international stage through Alberta House's educational feature displays and ambassadors to help guide visitors.

Alberta House will showcase five key themes of our province – learning, working, innovating, living and visiting – through display areas known as pods. Each pod will feature websites and resources about everything from what post-secondary institution to attend after high school, how to start a career in the trades or technologies or even where to plan your next vacation in the province.

Alberta House will shine a spotlight on Alberta artists, performers, young entrepreneurs and skilled trades and technologists, as well as graduates from post-secondary institutions from across the province. Join us as we celebrate Alberta's spirit to achieve and freedom to create.

**Government
of Alberta** ■
Canada 🇨🇦

Welcome
from the Premier

Government
of Alberta ■
Canada 🇨🇦



On behalf of the Government of Alberta, I am pleased to welcome all Competitors, officials, delegates, industry representatives, students and spectators to WorldSkills Calgary 2009.

The Government of Alberta is proud that the 40th WorldSkills Competition, showcasing the importance of skills, trades and technologies and their influence on the global marketplace, is being held in our province. WorldSkills Calgary 2009 provides an opportunity to demonstrate the value of trades and technology careers to the next generation of Albertans and highlights our high-quality education and occupational training programs.

Thousands of students, young adults, parents, educators and employers from across Alberta, Canada and the world will come together for four days of high energy and exciting competition.

To those of you who have travelled from other places, I hope you take the opportunity to explore the natural beauty, diverse culture and heritage of our wonderful province.

Thank you to all individuals and organizers for your participation in this year's Competition.

I wish all Competitors the best of luck in your events and continued success in all of your future endeavors.

A handwritten signature in black ink that reads "Ed Stelmach".

Ed Stelmach
Premier of Alberta



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Alberta Career Information Hotline
www.alis.alberta.ca/hotline

Or phone: 1-800-661-3753

Government
of Alberta ■

Alberta ■
Freedom To Create. Spirit To Achieve.

Welcome
from the Mayor



On behalf of Calgary City Council and all Calgarians it is with great pleasure that I welcome you to the 40th WorldSkills Competition in Calgary, Canada.

The City of Calgary is proud to host this global event and celebrate excellence in skills with young talent, dignitaries and guests from around the world. We are committed to making this event a tremendous experience for all.

The important role of skills, trades and technologies for economies throughout the world can never be stressed enough. WorldSkills brings together the best of the best from around the globe to showcase their talents. For the Competitors: your hard work and commitment to excellence has brought you here, and your participation will inspire many others to make the skilled trades their calling.

Calgary is a proud host city and we are looking forward to making sure your experience is unforgettable.

Our city offers a wide variety of attractions to meet everyone's tastiest interests. During your stay in Calgary, I encourage you to explore our thriving metropolitan city, embrace our warm and friendly brand of hospitality and take in our majestic surroundings.

Congratulations to all of the Competitors, officials and guests. We wish you the experience of a lifetime.

Dave Bronconnier
Mayor of Calgary
Honorary Chairman of the Board
WorldSkills Calgary 2009

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SALUTES SKILLS, TRADES AND TECHNOLOGY

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THE CITY OF CALGARY
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City of Calgary WorldSkills Cultural Celebration

Celebrate WorldSkills Calgary 2009 at this free multi-day festival. Catch a variety of events and activities from Aug. 29 to Sept. 5. Enjoy music and unique WorldSkills-inspired performance pieces, including downtown stop-and-play performances. And what's a festival without buskers and jugglers to entertain crowds all week long?! Great must-see entertainment every day for the entire family to enjoy!

Kick-off Concert, Olympic Plaza

Aug. 29 3 p.m. – 9 p.m.

Kick off our week-long WorldSkills Cultural Celebration at Olympic Plaza featuring Treeline, Twilight Hotel and the United Steel Workers of Montreal. Come down for a day of live music, buskers and roving entertainment.

Artisan Village, Olympic Plaza

Aug. 29	12 noon – 6 p.m.
Aug. 30	12 noon – 4 p.m.
Aug. 31 – Sept. 4	11 a.m. – 4 p.m.
Sept. 5	12 noon – 6 p.m.

Artisan Village features a host of talented local artists and their crafts. Watch them create their masterpieces before your eyes with live demonstrations of pottery, weaving, sculpting and guitar-making.

Juggling Sunday, Olympic Plaza

Aug. 30 2 p.m. – 3 p.m.

If you're an accountant, an amateur or professional juggler, we invite you to the plaza to juggle your favorite items in the air. Bring your juggling balls, or any WorldSkills-related object. Young, old, small or tall, come down so we can fill the plaza with pure fun!

Coca Cola Stage, Stampede Park

Sept. 2 – Sept. 5 9 a.m. – 2 p.m.

Music lovers will enjoy a new musical theme every day, including country, roots, blues, hip-hop, b-box, ethno-pop, indie and folk.

Celebration Spectacular, Olympic Plaza

Sept. 5

Small stage performances	3 p.m. – 6 p.m.
Main stage concert	6 p.m. – 9 p.m.

This carnival-themed concert features highflying aerial acts, jugglers, buskers, circus performers, spectacular percussion shows and music from around the world. Bring your friends and family to this grand finale to the City of Calgary WorldSkills Cultural Celebrations.



Welcome from Samsung

Samsung is delighted to be a Global Founding Sponsor of WorldSkills Calgary 2009, and has also been appointed the Official Equipment Provider in the categories of all electronic product lines and Presenting Sponsor of the Opening and Closing Ceremonies. Our sponsorship is important to us in developing top-notch technologies and supporting the world's best talent. During the Competition, Samsung will exhibit products and provide full-scale interactive programs at the Samsung booth from September 2-5. When visiting Samsung's booth, you will be able to experience the latest technologies in LED TVs, digital cameras and mobile phones. On behalf of Samsung, I hope that all of you have a wonderful time at WorldSkills Calgary 2009, and it is our sincere desire that your experience with Samsung be memorable and beneficial.

With kind regards,

Yoon-Woo Lee
Vice Chairman & CEO
Samsung Electronics Co., Ltd.



Welcome from Festo

Festo has been a proud sponsor of WorldSkills since 1991. Being a sponsor has given us a great opportunity to get involved and champion Mechatronics. Promoting talent and enthusiasm in technology have been core activities of Festo for decades. By cooperating with educational institutions and research companies, Festo promotes ideas and initiatives that go beyond the core business of automation and didactic. We invite you to view two such projects on display here in Calgary, our AquaJellies and our AirPenguin. I would like to personally congratulate all teams on their efforts. I know lots of hard work, preparation and training has been involved to make it to this level and I commend all of you. To all Competitors and participants, I wish you the best of luck and success.

Sincerely,

Thomas Lichtenberger
President
Festo Canada



Festo and WorldSkills

Global partner since 1991.

Official sponsor of the Mechatronics and
Mobile Robotics competition at WorldSkills
Calgary 2009.

Welcome from SAIT Polytechnic

SAIT Polytechnic is proud to be a Founding Sponsor of this incredible event that showcases technical skills on the world stage. This Competition is about more than Gold medals. It is the ultimate demonstration of skill, craftsmanship and ingenuity. I hope that these talented young men and women will inspire youth to consider the skills, trades and technologies sectors – and show that technical education is an important path to a rewarding, meaningful career. We are very proud that seven SAIT participants – the most from any one school in the country – are competing for Team Canada. As host of the Competitors' Village, SAIT will be home to nearly 1,000 WorldSkills Calgary 2009 Competitors and Team Leaders during the Competition. Many SAIT faculty, staff, alumni and students are also volunteering their time to help with this event. To the spectators, volunteers, Delegates and officials, thank you for your support. I would also like to congratulate the Competitors. It is truly an honour to represent your country and your skill.

Enjoy the Competition!

Sincerely,
Irene Lewis, President and CEO
SAIT Polytechnic



Welcome from Car-O-Liner

Let us be the first to welcome you to the WorldSkills Calgary 2009 Autobody Repair competition! We at CAR-O-LINER Company are proud to be a WorldSkills Calgary 2009 Founding Sponsor. You have successfully made it to the pinnacle of collision repair competitions – CONGRATULATIONS! We encourage you to take advantage of this unique opportunity to meet and socialize with other attendees from around the globe. CAR-O-LINER Company is quite diverse ourselves with points in 60 countries! At CAR-O-LINER Company, we don't just manufacture collision repair equipment; we build LEAN design based repair systems which ensure that "Productivity Means Profitability." Your job cannot be underestimated. Repairing the vehicles carrying our families and loved ones is obviously of the utmost importance. You can count on CAR-O-LINER Company to support you throughout your career.

Good Luck to each of you as we wish you future success!

Sincerely,
Michael Carbone, Operations Manager
CAR-O-LINER Company North America

A large photograph showing a car body on a repair system. A technician in a blue uniform is operating the system. The system is labeled "CAR-O-LINER" and "Car-O-Tronic Vision".

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CAR-O-LINER has the
finest collision repair
equipment on the market today."
Ken Friesen, President
Concours Collision Centres
Calgary, Alberta, Canada



Welcome from the United Association

On behalf of the United Association I want to personally welcome everyone to WorldSkills Calgary 2009. Our Union represents 50,000 proud men and women who are the highest skilled Plumbers, Steamfitters, Welders, Sprinkler Fitters, HVAC and Refrigeration Mechanics, Quality Control Technicians and Metal Trades Workers that Alberta's oil industry and others employ every day. This week is about training and being the best in the world at a craft that each and every Competitor loves. But for the UA, this week is also about change. The United Association is building bridges, not the type we drive on, but bridges to a better future. This is a future where we all pull together to make the world a better place where our children and their children take old-world skills and adapt them to a brighter future. This week and into the future I hope to share our message of change with our contractors, the Competitors and the public. Come by our booth and talk to our members to find out how the UA is changing. While you are here this week, try our hands-on demonstrations and see what future you could have with the UA in the piping industry.

John Telford,
Canadian Director
United Association



Welcome from Mori Seiki

Mori Seiki welcomes all Competitors, Delegates and spectators to WorldSkills Calgary 2009. It is an honour for Mori Seiki to again be a Founding Sponsor and equipment supplier for the WorldSkills Competition. Twenty-six Mori Seiki machines will be tested rigorously during the Manufacturing Team Challenge, CNC Turning and CNC Milling competitions. Most people never see a machine - instead, what they see are consumer products like TVs, cell phones and cars. All of these, and many more, would not exist without manufacturing. The highly sophisticated machine tools that most people never see - and Mori Seiki makes - are the "mother machines" for all industry. As a worldwide leading supplier of machine tools, Mori Seiki recognizes the importance of advancing technical knowledge and developing a skilled workforce. We share the hope with WorldSkills that this event will inspire youth to pursue an exciting career in manufacturing technology. I would like to extend our gratitude to the people of Alberta for hosting the 40th WorldSkills Competition in the beautiful, vibrant city of Calgary.

Mr. Natsuo Okada
President, Mori Seiki Americas



Welcome from EnCana

On behalf of EnCana, I want to welcome Competitors, Delegates and spectators to WorldSkills Calgary 2009. EnCana is pleased to be a Founding Sponsor of the 40th WorldSkills Competition. We hope that this event will serve as an inspiration to youth, encouraging them to consider exciting and rewarding careers in skills, trades or technologies. As part of our sponsorship, EnCana supports WorldSkills Calgary 2009's education and environment programs, specifically the youth initiative - One School, One Country - where WorldSkills teams representing 51 Member countries/regions are paired with elementary and junior high schools. This educational initiative will encourage students to explore and pursue skill-based professions and provide numerous opportunities for youth to learn more about life in a variety of nations around the world. To the more than 900 Competitors from 51 countries and regions, we wish you the very best. And to all of the students and other spectators, we hope you will be inspired by watching this world-class skills Competition.

Randy Eresman
President and CEO
EnCana Corporation



Welcome from Cisco

Welcome to the 40th WorldSkills Competition, the premier event for youth to showcase their talents on a global stage. Cisco is proud to share the WorldSkills Calgary 2009 mission and vision, acknowledging the importance of the Network as the platform for helping to build an educated 21st century workforce—a workforce well versed in the language of a connected global economy. We're also excited to once again watch as the Competition unfolds with special awareness of our Cisco Networking Academy students who will be competing in Skill 39 - IT PC/Network Support. Cisco Networking Academy is educating the architects of this new global economy by equipping our students with the skills to design, plan and build a better future. As a Founding Sponsor, Cisco is pleased to provide the equipment and network solutions with a highly secure, accessible, user-friendly infrastructure. We believe that this infrastructure will contribute to your opportunities to learn, to celebrate and to communicate in this unique global forum. Finally, we wish all Competitors a wonderful WorldSkills Calgary 2009 and the best of luck and a bright future.

Amy Christen
Vice President Cisco Networking Academy



The best investments
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the highest returns.

Like education.

➤ At EnCana, we invest in an array of community programs every year and nothing is more rewarding than seeing the results. Like supporting WorldSkills Calgary 2009, which demonstrates the importance of skills, trades and technologies to students around the world. As far as return on investment goes, you can't ask for much more than that.

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AIR CANADA 

Schedule of Events

Tuesday, September 1st

One School, One Country (10 a.m. – 2:30 p.m.)

- Various Schools throughout Calgary

Presented by EnCana

Opening Ceremony (6 p.m. – 8:30 p.m.) - Ticketed Event, Stampede Grandstand

Presented by Samsung

Wednesday, September 2nd

Global Skills Marketplace (9 a.m. – 1 p.m.) - Invitation Only, Hyatt Regency

Viewing Hours (9 a.m. – 5:30 p.m.) – Stampede Park, Open to the Public

Canada House, Alberta House, Try-A-Skill @ Skill City Presented by the Calgary Herald,

Global Skills Village Presented by UA Canadian Piping Trades

Competition Day 1 (10:30 a.m. – 5:30 p.m.) – Stampede Park, Open to the Public

Thursday, September 3rd

Viewing Hours (9 a.m. – 7 p.m.) – Stampede Park, Open to the Public

Canada House, Alberta House, Try-A-Skill @ Skill City Presented by the Calgary Herald,

Global Skills Village Presented by UA Canadian Piping Trades

Competition Day 2 (10 a.m. – 7 p.m.) – Stampede Park, Open to the Public

WorldSkills Leaders' Forum (11 a.m. – 2 p.m.) - Invitation Only, Hyatt Regency

Friday, September 4th

WorldSkills Calgary 2009 Information Technology Forum (8:30 a.m. – 12 p.m.) - Invitation Only

Viewing Hours (9 a.m. – 6:30 p.m.) – Stampede Park, Open to the Public

Canada House, Alberta House, Try-A-Skill @ Skill City Presented by the Calgary Herald,

Global Skills Village Presented by UA Canadian Piping Trades

Competition Day 3 (9:30 a.m. – 6:30 p.m.) – Stampede Park, Open to the Public

Saturday, September 5th

Competition Day 4 (9 a.m. – 2 p.m.) – Stampede Park, Open to the Public

Viewing Hours (9 a.m. – 4 p.m.) – Stampede Park, Open to the Public

Canada House, Alberta House, Try-A-Skill @ Skill City Presented by the Calgary Herald,

Global Skills Village Presented by UA Canadian Piping Trades

Sunday, September 6th

Awards and Closing Ceremony (6 p.m. – 8 p.m.)

- Ticketed Event at the Stampede Corral

Presented by Samsung

Monday, September 7th

Celebration of WorldSkills Champions halftime show during the CFL Labour Day Classic football game, Ticketed Event, at McMahon Stadium (5:30 p.m. – 8:30 p.m.)

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www.samsung.com



P2370

SAMSUNG

Opening and Closing Ceremonies

Presented by



The Opening and Closing Ceremonies, presented by Samsung, will focus on the culture and passion embodied by over 900 world-class Competitors and 3,500 Delegates, visitors and Experts from 51 Member countries/regions at WorldSkills Calgary 2009. The Ceremonies will also be an opportunity for Canada to showcase local talent and to welcome and thank all visitors.

The Opening Ceremony, held at the Stampede Grandstand at 6 p.m. Sept. 1, will pump up Competitors and their supporters, offering a glimpse of the week ahead. Dignitary speeches from WorldSkills Calgary 2009, WorldSkills International and government leaders will be complemented by a wide variety of entertainment displaying the diversity of Canadian culture, ending with a sure-to-be impressive fireworks display. The Parade of Nations will honour and introduce all Competitors to the spectators.

The Corral at Stampede Park will host the Closing Ceremony on Sept. 6, where WorldSkills Champions in each of the 45 skill categories will receive awards and medals. As this is the official closing of the 40th WorldSkills Competition, the WorldSkills flag will be passed from WorldSkills Calgary 2009 to the next Competition host, WorldSkills London 2011.

The Opening and Closing Ceremonies are ticketed events.

Student Logistics

There are currently about 50,000 students registered to attend WorldSkills Calgary 2009. These students are coming from schools in over 112 different cities and towns around Alberta. We also have approximately 250 students and supervisors flying in to Calgary from remote regions of Alberta to take part in this once-in-a-lifetime event.

WorldSkills Calgary 2009 is working hard with various school transportation providers to ensure arrivals and departures are as smooth as possible. The majority of students arriving from out of town will enter Stampede Park via the Remington parking lot, north of Stampede Park. Over four days of Competition, over 375 buses are expected to park in Remington Lot and another 335 buses within the city will enter east of Stampede Park. The remaining 16,500 students from Calgary ride Calgary Transit or are within walking distance of the venue.

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Craig Spady - RDC Electrical Alumnus
2009 WorldSkills Electrical Installation Competitor

Good luck and congratulations.

RDC is a proud supporter of regional, provincial and national WorldSkills competitions.



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WorldSkills Calgary 2009 Competition Categories

Transportation and Logistics

13 – Autobody Repair: Autobody repairers restore bodywork damage.

33 – Automotive Technology: Automotive technicians are able to understand the important functions of car systems and carry out maintenance and repair work.

36 – Car Painting: Car painters remove, mark out and replace vehicle body parts, prepare vehicle surfaces and treat vehicles with protective chemicals.

D1 – Aircraft Maintenance: An aircraft maintenance technician inspects, services, troubleshoots, removes, installs and repairs aircraft systems.

Construction and Building Technology

12 – Wall and Floor Tiling: Consists of using tiling tools and equipment to install and fix floor and wall tiles, decorative tiling and tiling of pools and spas.

14 – Metal Roofing: Roofers build and install roofs, walls, furring, guttering and roof safety structures at construction sites.

15 – Plumbing and Heating: Plumbers install water, drainage and heating pipes.

18 – Electrical Installations: Electrical installers manufacture, maintain and repair electrical equipment for houses, industrial sites and power stations.

19 – Industrial Control: Industrial controllers install conduits, cables, devices, instruments, automated devices and control centre fittings quickly and safely.

20 – Bricklaying: Bricklayers work on commercial and residential projects where they cut and lay brick, stone or terra cotta to build walls, fireplaces and other structures.

21 – Stonemasonry: The art of crafting stone, including buildings and sculptures.

22 – Painting and Decorating: Involves preparing surfaces, selecting paints and colours, brushing, rolling or spraying paints and applying decorative finishes.

24 – Cabinetmaking: A cabinetmaker works with wood to produce furniture, cabinetry and architectural millwork from a variety of natural and manufactured materials.

26 – Carpentry: Carpenters have expertise in a wide variety of skills that are needed in commercial construction and structural maintenance.

25 – Joinery: Joinery is the process of connecting or joining two pieces of wood together through the use of various forms of wood joints.

37 – Landscape Gardening: Landscape gardeners design, develop and apply landscape plans, haul and spread topsoil, care for plants, mow, water, fertilize and trim.

38 – Refrigeration: Refrigeration technicians install components which form the refrigeration system, like air conditioning.

D03 – Plastering and Drywall Systems: Consists of the development and the decoration of buildings by the processing of elements and materials containing plaster.

Information and Communication Technology

2 – Information Network Cabling: Consists of the designing, installing and testing of telecommunication networks.

9 – IT/Software Applications: Involves various uses of software and graphic programs.

11 – Offset Printing: Offset printers are able to fit printing plates or cylinders on presses, mix the inks that go on them and adjust the colour flow to an image.

17 – Web Design: Web designers use computer programs to produce web pages that include links to other pages, graphic elements, text and photographs.

39 – IT/PC Network Support: Consists of assembling personal computers (PCs) with accessories and network devices for home and business environments.

Manufacturing and Engineering Technology

1 – Polymechanics/Automation: Covers a broad range of activities within manufacturing, assembly, maintenance and technical control systems.

3 – Manufacturing Team Challenge: Involves designing and manufacturing equipment assemblies using a variety of skills, including draft and computerized design.

4 – Mechatronics: Mechatronics technicians build, maintain, repair and program equipment control systems for the automation industry.

5 – Mechanical Engineering Design – CAD: Covers the use of computer-aided design technology to produce documentation in manufacturing.

6 – CNC Turning: A process used to produce cylindrical components through metal cutting using computer numerically controlled (CNC) lathes.

- 7 – CNC Milling:** Involves cutting metal materials with CNC milling machines.
- 8 – Mould Making:** A mould maker produces plastic parts.
- 10 – Welding:** Involves the fusing and separation of materials.
- 16 – Electronics:** Involves manufacturing and testing electronic equipment.
- 23 – Mobile Robotics:** A team competition that requires Competitors to assemble, set-up, manage and maintain mechanical systems within a mobile robot.
- HM01 – Sheet Metal Technology:** Sheet metal technologists fabricate and install a wide variety of construction-related items using sheet metal or plastic materials.
- D02 – Construction Metal Works:** Covers the construction of steel structures, their assembly and formation, maintenance and repair and general steel fabrications.

Creative Arts and Fashion

- 27 – Jewellery:** Jewellers create jewellery out of previous metals.
- 28 – Floristry:** The art of creating bouquets and compositions from flowers, foliages, herbs, ornamental grasses and other botanical materials.
- 31 – Fashion Technology:** Fashion designers develop and create new clothing and accessory designs, as well as analyze fashion trends, choose the colours and fabrics and work closely with production, marketing and sales departments.
- 40 – Graphic Design Technology:** Graphic designers research and manage virtual design projects, with a primary focus on electronic media.

Social and Personal Services

- 29 – Ladies'/Men's Hairdressing:** Hairdressers must demonstrate the correct cutting techniques, curling, colouring and barbering with creativity, imagination and technical ability.
- 30 – Beauty Therapy:** A beauty therapist is a specialist in skin care, skin care advice, massage and makeup.
- 32 – Confectioner/Pastry Cook:** Confectioners and pastry cooks create delicious products for all kinds of events, needing artistic flair and talent.
- 34 – Cooking:** A cook is trained to manage commercial kitchens, plan menus and prepare appealing and nutritious meals according to health and safety regulations.
- 35 – Restaurant Service:** Professional restaurant servers are skilled in serving food and drinks, mixing international drinks and working behind the bar.
- 41 – Caring:** Caring is a team competition that covers a broad range of abilities and activities dealing with social care, nursing and rehabilitation.



Celebrity Spokesperson:
Mike Holmes

"If you're going to do something, do it right the first time." These are words Mike Holmes heard time and again as he apprenticed under his father, and he has since taken as his motto in his mission to Make It Right™.

"I am very pleased to partner with WorldSkills Calgary 2009," remarked Holmes. "If you're going to do something, do it right the first time. My motto is 'Make it Right™,' which matches very nicely with the mission

and values of WorldSkills Calgary 2009."

The Calgary Stampede chose Mike Holmes to lead the Stampede Parade on behalf of WorldSkills Calgary 2009. He took his role as Parade Marshal to a new level, perpetrating a global skills movement that will continue at the WorldSkills Competition in Calgary September 1-7.

From plumbing and electrical to carpentry, Holmes was trained in the right way to tackle any home improvement task. Holmes understands the best practices of the building trade and has a unique perspective from which to share his knowledge with the public. Thanks to strong supporters in both broadcast and building industries, the award-winning Holmes on Homes™ show that airs on HGTV has just wrapped its seventh and final season.

On April 26, 2006, Holmes launched the Holmes Foundation, a charitable organization with two important goals: to assist Canadians who need help to get their homes and lives back after botched renovations and secondly, to support youth training in the skilled trades, through apprenticeships, scholarships and bursaries.

Holmes on Holmes™ has been the #1 ranked show on HGTV Canada since the summer of 2004, and also airs in the United States, United Kingdom, Australia, New Zealand and South Africa.

Holmes is currently filming the new series Holmes Inspection that will premiere on HGTV this fall. He lives outside Toronto, ON and is the father of Amanda, Sherry and Mike Jr. – who are proudly following in their father's footsteps in the home renovation business.

Celebrity Spokesperson: Chef David Adjey

David Adjey inspires and says he is inspired by culinary students. He will be their “#1 fan” at WorldSkills Calgary 2009, cheering on Team Canada with the same vigor he puts into his food preparations. He says engaging students to find their passion at WorldSkills Calgary 2009 makes his work immensely gratifying.

Adjey finds inspiration in many different and sometimes surprising sources - an architectural detail, a shimmer of evening sky, a whiff of perfume or a pile of stones on the beach. An idea can start with a scrap and lead to a stellar new dish.

Today, Adjey is best known for his tough and direct approach as the passionate chef on Restaurant Makeover, but it all started in Toronto, ON. When Adjey worked as an apprentice to Dante Rota of Toronto's once-legendary Noodles, it launched his trajectory to the ranks of the top masters. Next, he worked under the tutelage of Richard Krause, who opened the doors of his restaurants, Melrose and Rose Café, to Adjey's creativity.

Adjey was subsequently honoured with an invitation to assist the famous chef and cookbook author Guiliano Bugialli in Florence, Italy, where he further developed his love of cooking, artful style and inventive presentations. This is where Adjey fell in love with the open-air markets. He is now famous for cooking whatever is available that same day to create the dinner menu for the restaurant.

The new toast of the town from New York to L.A., Adjey appeared on the Food Network's Ready, Set, Cook, was acclaimed as the “Best New Chef in California” by the celebrated Frommer's guide and lavished his talent on celebrities in the role of personal chef (to Dan Aykroyd).



Celebrity Spokesperson: Julie Payette

As the second Canadian to board the International Space Station, astronaut Julie Payette is the perfect complement to complete the trio of spokespeople for WorldSkills Calgary 2009. Representing the field of technology at the 40th WorldSkills Competition, Payette encourages young girls to follow their dreams, no matter what their field may be. She also embodies the passion and expertise that perpetrates the global skills movement, igniting excitement amongst this year's Competitors.



Payette launched into space for the second time this July, where her assignment was to deliver the Japanese-built Exposed Facility and the Experiment Logistics Module Exposed section to the International Space Station. As the flight engineer, Payette monitored the equipment and performed checklists during launch. During five space walks, she maneuvered three robotic arms and helped install a “front porch” for running experiments outside the station. During Payette's first space mission in 1999, her crew performed the first manual docking of the Space Shuttle Discovery to the International Space station and delivered four tonnes of supplies. She logged over 465 hours in space. From September 1999 to December 2002, Payette represented the Astronaut corps at the European and Russian space agencies where she supervised procedure development, equipment verification and space hardware processing for the International Space Station Program. Since January 2003, Payette has worked as a CAPCOM (Spacecraft Communicator) at Mission Control Center in Houston and was Lead CAPCOM for Space Shuttle mission STS-121 in 2006. The CAPCOM is responsible for all communications between ground controllers and the astronauts in flight.

Payette made history on July 15 by joining fellow Canadian astronaut Robert Thirsk - and 11 other astronauts - aboard the International Space Station. This marked the first time in history that two Canadian astronauts met in space.

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Frequently Asked Questions

Who is WorldSkills Calgary 2009 for?

WorldSkills Calgary 2009 is geared towards three groups: youth in school, young adults ages 17 – 25 who are considering a rewarding career in skills, trades, and technologies, and parents, industry leaders, educators and youth influencers.

What's the best way to get to the Competition?

Parking around Stampede Park is at a premium, so it's best to use the CTrain and public transportation – check out www.calgarytransit.com for more information.

Is WorldSkills Calgary 2009 accessible?

Paved pathways and ramps ensure wheelchair access to all buildings at Stampede Park. The Big Four has elevator access on the east side through the main entrance. Elevator access to the Grandstand is available at the south tower Grandstand Courtyard. Hearing-impaired telephones are available at all telephone booths throughout the Park.

How was WorldSkills Calgary 2009 made possible?

The bid process was made possible by support from Skills/Compétences Canada, Skills Canada Alberta and SAIT Polytechnic, in conjunction with many partners including EnCana, Cisco Systems, PCL Construction, Enerflex, Calgary Airport Authority, Tourism Calgary, Calgary Exhibition and Stampede and Travel Alberta. The bid was supported by the Government of Canada, the Government of Alberta and the City of Calgary. In May 2004, at the WorldSkills International General Assembly in Hong Kong, Canada officially won the right to host the 40th WorldSkills Competition. WorldSkills Calgary 2009, a not-for-profit organization, was established shortly thereafter.

Where were previous events held?

WorldSkills International began in 1950 in Madrid, Spain due to the great need to encourage youth to pursue careers in the trades. Since then, biennial Competitions have been held all over the world, from Europe to Australia, Japan to the United States. WorldSkills Calgary 2009 marks the second time Canada has hosted the WorldSkills Competition; the first being Montreal in 1999. This is the third time the event has come to North America as Atlanta, Georgia hosted WorldSkills in 1981. The 38th and 39th Competitions were held in Helsinki, Finland and Shizuoka, Japan, respectively.

Where is the next WorldSkills Competition?

London, UK in 2011.

Equipment Legacy Program

The Government of Alberta is the leading funder of the 40th WorldSkills Competition. Part of this support includes a \$14 million grant to WorldSkills Calgary 2009 to purchase equipment for competitors and staff to use during the competition as part of the Alberta government's WorldSkills Equipment Legacy Program.

Once the Competition is over, the state-of-the-art equipment will be distributed to successful high schools and post-secondary institutions across Alberta. The nearly-new teaching resources will upgrade skills, trades and technology classrooms and labs, and enhance learning opportunities overall for Alberta learners.

Equipment and tools will be allocated to publicly funded high schools offering career and technology studies courses and post-secondary institutions offering apprenticeship technical training. Investing \$24 million to support the competition and \$4 million to transport thousands of Alberta students to the events is part of Alberta's efforts to encourage youth to pursue careers in the skills, trades and technologies and build Alberta's next generation workforce.

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Global Skills Village

Presented by



The Global Skills Village, presented by UA Canadian Piping Trades, is centrally located at Stampede Park near the BMO Centre. It includes over 120 exhibitors including sponsors, industry leaders, educational institutions, WorldSkills International Member organizations and not-for-profit organizations. It will be a hub of activity and one of the main social spaces on the park. Stop by the Internet Café or WorldSkills Connect Place, where visitors and industry will be able to book business meetings. Check out Alberta House and Canada House, attached to the Global Skills Village, to learn more about viable and rewarding career options in skills, trades and technologies in Alberta and Canada. Open from 9 a.m. until the Competition closes.

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Global Skills Village: Exhibitors

Industry

3M Canada: 2051
Absorb Anywhere: 1059
AFL Telecommunications: 2043
Air Canada: 2057
Altium: 2003
Autodesk: 2001
Boot Sale Company: 1004
Brewster: 2065
Building Trades of Alberta: 2041
Canadian Pacific: 1044
Calgary and Airdrie Ford Dealers: 1073
Calgary Fasteners: 1005
Calgary Stampede: 1016
Calgary Vipers: 1012
Car-O-Liner: 2027
Cisco Systems: 2004
Clark Builders: 1071
Coca-Cola: 2058
Connect Place: 1021
Digi: Cool Industries: 1064
DuPont Canada: 2026
EnCana: 2055
Ensign Energy Services Inc: 1062
Epic Solutions with HP Canada and Microsoft: 2014
Exhibitor's Lounge: 1066
Fluke Networks: 2072
Fluke: 2047
France Laure: 2010
Golder Associates: 2016
Habitat for Humanity Calgary: 1003
Heidelberg: 2012
Hunter Engineering: 2030
Husqvarna: 2035
In-House Solutions: 2052
JACOBS: 1053
Le Cordon Bleu: 1030
Ledcor: 2013
Legrand: 2024
Material Safety Data Sheets (MSDS) Binders: 1004
McAfee Canada: 2015
Menzies Printers: 2007
Miller Electric: 2025
Mitutoyo: 2017
Mori Seiki: 2053
Nederman: 1020
Nexen Inc.: 2019
PCL Constructors: 1028
Pin People: 1018
Pivot Point: 2009
Praxair: 2018
Rational Canada: 2062
Refrigerative Supply: 2040
Sandvik: 2068
Samsung: 2011

Schneider Electric: 2044

Shell Canada: 2059
Sinapse Printing Simulators: 2008
St. Gobain: 2036
Tableware: 2029
Thomas Skinner: 2071
Toyota Outdoor Showroom: 2039
TransCanada: 1072
Trinidad Drilling: 2069
Visible Network Operating Centre (Cisco, Fluke Networks): 2005
Volkswagen: 2031
Wurth: 2034
www.exambank.com: 1070

Associations

Alberta Canola Producers: 2056
Alberta Carpenters: 2033
Alberta Construction Association: 2023
Alberta Environment and the Alberta Water, Wastewater Operations Association: 1036
Alberta Finance and Enterprise: 1037
Alberta Ironworkers: 2006
American Technical Publishers: 1045
Architectural Woodwork Manufacturers Association of Canada (AWMAC): 2032
Canadian Apprenticeship Forum: 1039
Canadian Welding Association: 1043
Christian Labour Association of Canada (CLAC): 1040
Construction Sector Council: 1038
Electrical Contractors Association: 2046
Information and Communications Technology Council: 1027
International Brotherhood of Electrical Workers (IBEW) 424: 2045
Laborers' International Union of North America (LIUNA): 1009
Manufacturers Health and Safety Association: 2021
Merit Contractors Association: 2020
Petroleum Human Resources Sector Council: 2022
Science Alberta Foundation: 1035
Sheet Metal Workers: 2037
UA Canadian Piping Trades: 2042
Work Safe Alberta: 1029

Media

Aboriginal Link: 2048
CNW Group: 2064
Pattison Outdoor: 2063

Government

Alberta House
Canada House
City of Calgary: 2067
Government of British Columbia: 1024
Saskatchewan Advanced Education, Employment and Labour: 1010
Sweden: 1068

Post-Secondary

Alberta Laborer's Training Trust Fund: 1008
Bow Valley College: 1007
Employment and Vocational Training Institute: 1023
Fluid Power Training Institute: 1019
Grand Prairie Regional College: 1034
Manitoba Technical Vocational Initiative: 1022
Ministry of Training, Colleges and Universities: 1026
Mount Royal: 1061
NAIT Polytechnic: 1031
New Brunswick Department of Education: 1025
Olds College: 1067
Red Deer College: 2049
Red Seal Program: 1042
SAIT Polytechnic: 2028
Saskatchewan Institute of Applied Science and Technology (SIAST): 1011
Test Of Workplace Essential Skills (TOWES Bow Valley College): 1006

WorldSkills International Member Organizations

Emirates Skills: 1056
HRD Korea: 1055
SENAI (Brazil): 1058
Skills Australia: 1054
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WorldSkills International: 2066
WorldSkills Jamaica – Host WorldSkills General Assembly 2010: 1060
WorldSkills London 2011: 1041
WorldSkills Norway: 1057

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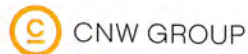
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Skill City at WorldSkills Calgary 2009

Presented by the CALGARY HERALD

WorldSkills Calgary 2009 will be an extraordinary field trip for about 50,000 students attending from across Alberta. Upon viewing the 900 Competitors engaged in heated competition, students will be inspired by the world's best skills, trades and technologies talent and gain a true appreciation for the talent it takes to excel in these fields. Students will take this inspiration and build upon it in Skill City (in the Big Top at Stampede Park), where many interactive displays will help students grow from interested spectators to engaged participants.

WorldSkills Calgary 2009 is proud to bring Skills Canada Alberta's popular Try-A-Skill interactive hands-on demonstrations to the 40th WorldSkills Competition. Through the dedication of hundreds of volunteer experts from across the province, the Try-A-Skill activities located in Skill City will help students uncover their own hidden potential by working alongside experts with infectious enthusiasm. Students will try their hand at landscape gardening, beauty therapy, carpentry and computer animation, amongst others.

We hope students will be inspired to find a career path that matches their interests by using the Competition as motivation to expand their knowledge of skill, trade and technology career options.

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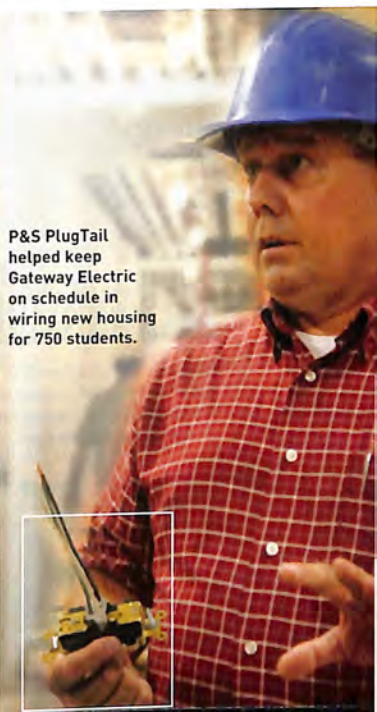
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WorldSkills Leaders' Forum

WorldSkills International is proud to host leaders from government, industry, education and unions from around the world will gather in Calgary, Canada on September 3, 2009 to participate in the WorldSkills Leaders Forum (WSLF). The WSLF is the preeminent annual forum on global skills issues. This year's WSLF is the largest to date with all of the 600 seats have filled.

Canadian business executive, consultant and author Don Tapscott will deliver the keynote address. Tapscott is one of the world's leading authorities on business strategy and the strategic value and impact of information technology. He has authored such books as *Wikinomics: How Mass Collaboration Changes Everything*, and *Growing Up Digital*. To read Tapscott's biography or to watch him speak on YouTube go to the WorldSkills Leaders Forum website at www.worldskillsleadersforum.com

Following his keynote address, Tapscott will moderate a panel discussion of five Past Champions from recent WorldSkills Competitions. The Past Champions come from countries around the world and represent a cross section of professions and experiences. They will share both the professional and personal benefits they experienced from competing in the WorldSkills Competition along with their thoughts on important global skills issues.

The WSLF is presented by the Government of Alberta, and proudly supported by WorldSkills International's Global Industry Partners and the Council of Ministers of Education, Canada.



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Local & National News

Weeknights starting at **5.00**



Linda Olsen

Kevin Newman

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Gord Gillies

5.00 Early News • 5.30 Global National • 6.00 News Hour

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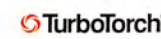
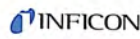
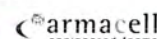


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- 1951: Spain**
- 1953: Spain
- 1955: Spain**
- 1956: Spain
- 1957: Spain**
- 1958: Belgium
- 1959: Italy**
- 1960: Spain
- 1961: Germany**
- 1962: Spain
- 1963: Ireland**
- 1964: Portugal
- 1965: United Kingdom**
- 1966: Netherlands
- 1967: Spain**
- 1968: Switzerland
- 1969: Belgium**
- 1970: Japan
- 1971: Spain**
- 1973: Germany
- 1975: Spain**
- 1977: Netherlands
- 1978: Korea**
- 1979: Ireland
- 1981: USA**
- 1983: Austria
- 1985: Japan**
- 1988: Australia
- 1989: United Kingdom**
- 1991: Netherlands
- 1993: Chinese Taipei**
- 1995: France
- 1997: Switzerland**
- 1999: Canada
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- 2003: Switzerland
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- 2007: Japan
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- 2011: United Kingdom

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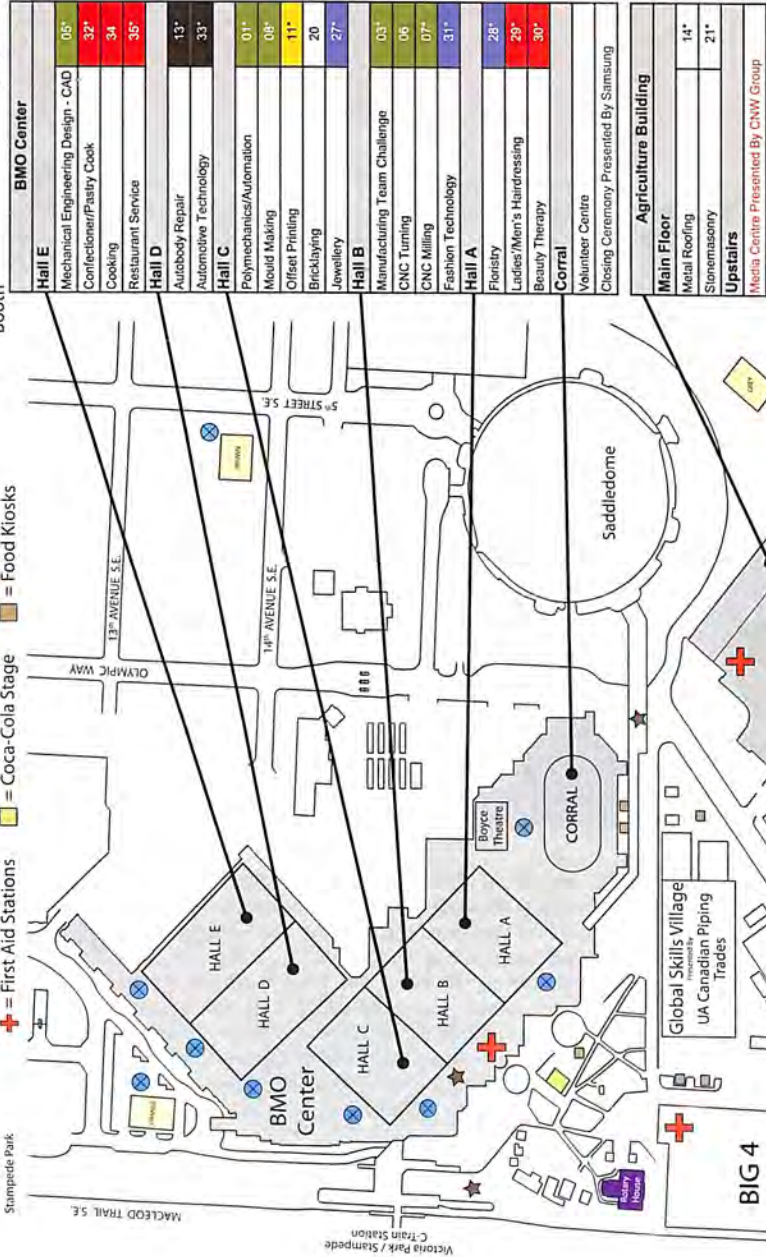
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WSC2009 Venue Map - Stampede Park



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Calgary2009
September 1-7

- Washrooms
- Rotary House
- Shell Launch Pads
- Food Kiosks
- First Aid Stations
- Coca-Cola Stage
- Accreditation Booth



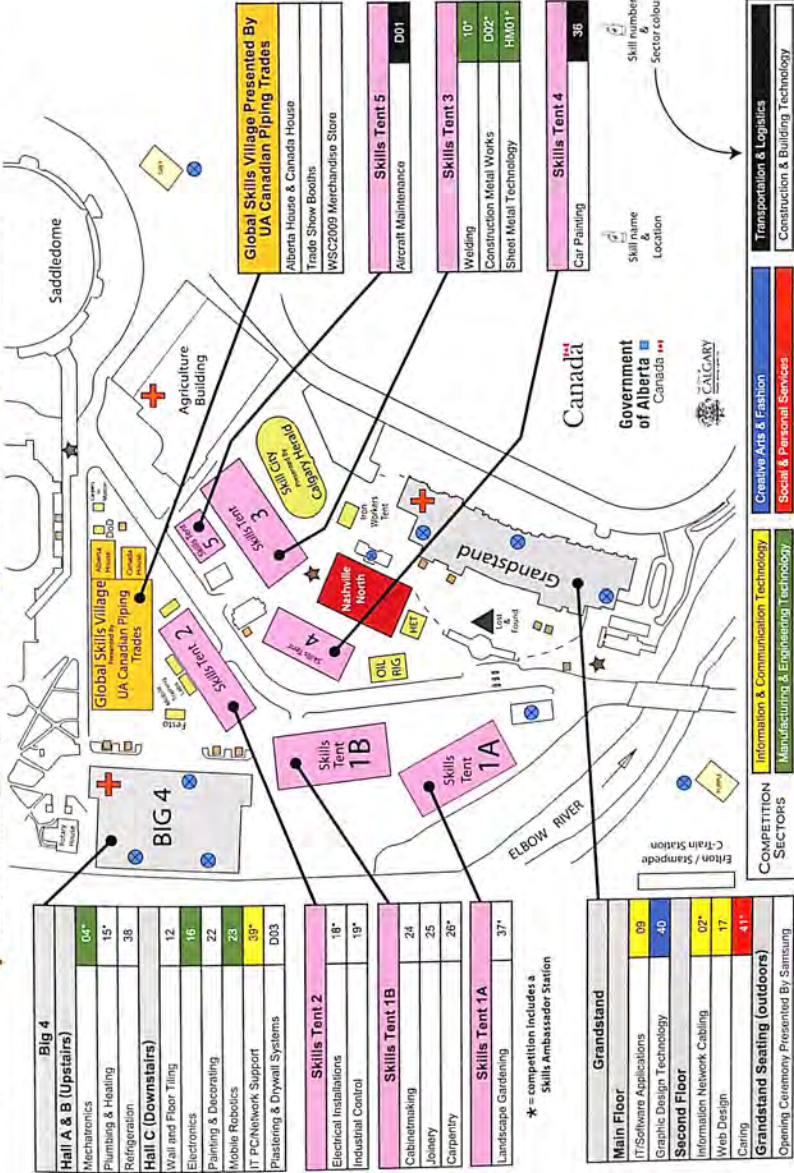
Skill name & Location
Skill number & Sector colour
* = competition includes a Skills Ambassador Station

WSC2009 Venue Map - Stampede Park



worldskills
Calgary2009
September 1-7

- Washrooms
- CBE & CSSD Kiosks
- Shell Launch Pads
- Nashville North
- First Aid Stations
- Try-A-Skill Activities
- Food Kiosks
- Accreditation Booth



* = competition includes a Skills Ambassador Station

- Information & Communication Technology
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- Creative Arts & Fashion
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