

CTF/CTS – Engagement: If You Build It, They Will Come
Location: Holy Trinity Catholic and J. Percy Page High Schools

Tuesday, January 26, 2016

Registration deadline: Wednesday, January 20, 2016 at 10:00 a.m.

OVERVIEW OF SESSIONS OFFERED

8:00 to 9:00	Registration and Continental Breakfast at Holy Trinity Catholic High School, 7007 28 Avenue, Edmonton		
9:00 to 9:30	Plenary with Rick Stanley, Principal, Westmount Junior High School		
	Greetings from School Representatives		
9:30 to 9:45	Coffee Break and Travel Time to Breakout Sessions		
MORNING BREAKOUT SESSIONS	Session Title	Presenters	
	Get your C.A.P. on! Concussion Strategy and Recommendations	Barb Adamson & Jen McLean	
	Design, Digital Arts and Animation Collaboration	Rob Petrovic	
	CANCELLED Make Kids Really and Virtually Engaged!	Said El Mejdani	
	Skills Canada Alberta – Skills Days	Becky Skopyk & Shawna Bourke	
	Implementing CTF: Successes and Challenges	John Nedd	
	Environmental and Energy Education Project Based Learning for CTF/CTS	Kathy Worobec & Aaron Dublenko	
	9:45 – 12:00	Introduction to Studio Lighting	Trang Luong
	Dowelling Jigs and Cabinet Joinery	Robert Whelan	
	If You Cook It, They Will Come!	Angela Stoye, Sarah Halton & Megan Wallace	
	Bringing Back Breakfast: All Things Eggs!	Andre Nedd	
	CTF, CTS, Off-campus and Dual Credit Update	Danielle Amerongen, Bill Lomax, David McCann, Lana Rissling, Joe LaValley & Traci Upshaw	
	Hairstyles and Up-Dos	Jennah Lemke	
	12:00 – 1:00	Lunch in the Cafeteria at J. Percy Page High School, 2707 Millwoods Road NW, Edmonton	
AFTERNOON BREAKOUT SESSIONS	Session Title	Presenters	
	Strategies for Developing Whole-Body, Functional Workouts that Maximize Student Leadership	Anita Parker	
	UPDATED! Robotics is Transforming the Workplace... Will Your Students Be Ready?	Dennis Kambeitz	
	Learn by Creating: If They Create It, They Will Learn	John Chan	
	If the Compass Points in the Right Direction... Strategies for Successful CTF Implementation	Christa Nicholson, Richard Kniel, Shawna Stewart & Les Worthington	
	Engage! Experiential Learning in Nature. CTF and CTS courses in Jasper National Park	Barbara Schmidt	
	Engaging CTS/CTF FLEX Sessions for Your Students	Alessia Schiavon, Evan Chalupiak, Paul Begoray & Trang Luong	
	The Construction Shop – The Need to Knows for Students and Teachers	Steve Woodard & Robyn Maduik	
	Implementing CTF in a K-8 school: Sample Project - Project Runway: Eco-Couture	Susanne Stroud & Denise Harrison	
	How to Run Open Foods Courses throughout an Entire Term	Andrew Martin & Marcel Rocque	
	"Igniting a Career" CTS Pathways and RAP	Tony Lovell & Elaine Cope	
	CTF: CO2 Dragster Race-Wind Tunnels, Laptops and Styrofoam – Oh My!	Dennis Pratt	
	Zombies, Aliens and Angels... Special Effects Make-up Overview	Robert Woodbury	
	Real-world Learning from Alberta Trade Unions	Mike Rezanoff	

ALL SESSIONS ARE BY PRE-REGISTRATION ONLY

\$ 75.00 for the full day – includes lunch

\$ 40.00 per half day session – no lunch included

CTF/CTS: Professional Development Day is a day intended to allow CTF and CTS teachers from across the region to get together and make connections with one another as well as with presenters from schools, industry and government, all focused on successful implementation of CTF/CTS programs.

Come and join colleagues in sharing ideas and approaches to support student learning.

This learning opportunity is subsidized as a result of a grant from Alberta Education to support implementation.

EASY REGISTRATION – ALL SESSIONS ARE BY PRE-REGISTRATION ONLY

- **Registration Deadline: Wednesday, January 20, 2015 at 10:00 a.m.**
- You will receive an email from **ERLC Administration** (info@erlc.ca) confirming your registration. If the email you receive does not include the names of the sessions you registered for, please contact ERLC since this is an indication that you are not properly or completely registered.

PARKING

Parking is available in the following areas:

- Student Parking
- East side of the Holy Trinity Catholic High School building
- Front lower level of J. Percy Page High School

Please **DO NOT PARK** at the designated recreation centre spots. Tickets will be issued by City of Edmonton for any violations.

PLEASE NOTE

On January 26, 2016, please honour your session selection! Session materials and room designations are based on registration; therefore, requests for changes cannot be accommodated after the registration deadline.

Please confirm your room number on the lists by the registration area upon arrival.

When you enter your session room, your name will be on the sign-in sheet based on your registration request.

Please sign in!

At the end of your session, you will receive an email from ERLC Administration asking for your participation in an online survey. Please participate as your feedback is important for future PD planning.

Career and Technology Studies PD resources:

ERLC PD Resources

<http://erlc.ca/resources/filter.php?theme=37&title=Career+and+Technology+Studies>

ARPDC CTF Professional Development Resources and Provincial Professional Learning Opportunities

<http://albertactf.ca/>

SESSION DESCRIPTIONS & SPEAKER BIOGRAPHIES

WELCOME: 9:00 A.M – 9:30 A.M.

Plenary with Rick Stanley, Principal, Westmount Junior High School
Greetings from School Representatives

MORNING SESSIONS: 9:45 A.M. – 12:00 P.M.

Session Description	Presenter Biography
<p>Get your C.A.P. on! Concussion Strategy and Recommendations</p> <p>This session will focus on the prevention to safe recovery of all sport and recreation related concussions.</p> <p>Within this session, you will be engaged in:</p> <ul style="list-style-type: none"> ▪ What the Alberta Concussion Alliance is ▪ Education on concussion ▪ Concussion management tools; Concussion Action Plan, Return To Learn, Return To Play, SCAT 3, Baseline testing, recognition tool ▪ Resources and strategies for teachers provided ▪ Policy and procedures ▪ Sport Injury Culture 	<p>Jen McLean is the Outreach and Volunteer Coordinator for Brain Care Centre and has a Bachelor of Phys Ed.</p> <p>Barb Adamson is the Executive Director at the Sport Medicine Council of Alberta and has a Bachelor of Kinesiology. Jen and Barb started the Alberta Concussion Alliance (ACA) in December 2014 to provide prevention and safe recovery recommendation and strategies for all sport and recreation concussions.</p>
<p>Design, Digital Arts and Animation Collaboration</p> <p>Design, Digital Arts and Animation Collaboration will begin with a showcase of the speaker's practices, activities, and projects along with integrated connections to Skills Alberta, industry and core or other CTS subjects. Lessons, resources and examples will be presented and shared. The second half of the session will allow you to exhibit or discuss your work in order to foster a professional learning community. The objective is to learn as a community so we can move forward and develop best practices to engage students.</p>	<p>Rob Petrovic has been teaching technology for almost 20 years and is currently at Jasper Place high school. He is presently teaching Design Studies (architectural, industrial and mechanical) and Digital Arts & Animation (2D and 3D). Rob previously taught Business Technology, Computer Programming and Web Design. In addition to teaching at the secondary level, Rob has also taught as a sessional professor at the University of Alberta in CTS where he holds a Masters Degree in Instructional Technology.</p>
<p>CANCELLED Make Kids Really and Virtually Engaged!</p> <p>In this session, you will get first hand experience exploring and prospecting python, pygame, pyopengl, Java, jogl, c++, Opengl, javascript, html, css. Computer Science truly makes kids love coding.</p>	<p>Said El Mejdani has a Phd pending with a Master's degree in computer graphics, Bachelor in Education and Math. He loves coding and a Math lover, as well as a lifetime learner. He is a father of 3 children.</p>

<p>Skills Canada Alberta – Skills Days</p> <p>Skills Canada Alberta (SCA) is launching a new junior high program called Skills Days, building on the Maker Movement and CTF initiatives. Skills Days encourage students to use design thinking, inquiry, making and experimental learning to solve real life scenarios. The SCA team invites you to learn more about the Skills Days and offer feedback on the concept. Teachers will learn about the variety of educational programs that SCA offers such as the Cardboard Boat Races, Regional, Provincial, National and WorldSkills competitions that push students to perform at their highest level while creating projects that align with the Alberta Education curriculum.</p>	<p>Skills Canada Alberta (SCA) is a not-for-profit association, which serves to reposition trade and technical careers as a first choice career option for youth in Alberta. SCA provides free in-school presentations and school field trips to highlight trade and technical careers and competition opportunities.</p>
<p>Implementing CTF: Successes and Challenges</p> <p>What does CTF look like in your environment? This session will look at and discuss how Edmonton Catholic Schools is implementing CTF across the district including project development, assessment, and reporting. Implementation examples will be presented as well as a possible panel of teachers to share their successes and challenges.</p>	<p>John Nedd is the CTF/S Consultant with Edmonton Catholic Schools. He has been a teacher for more than seventeen years. He has taught Information Processing, Communications Technology, Construction, Computer Science, as well as English Language Arts, Math, Science, Social Studies, and Religion. John was also seconded to Alberta Education where he was part of the team writing the CTF programs of study and writing and re-writing a variety of CTS courses.</p>
<p>Environmental and Energy Education Project Based Learning for CTF/CTS</p> <p>This session will provide an opportunity to explore a variety of environmental and energy projects that can be used for CTF/CTS modules. Examples from a grade 8 watershed inquiry to high school energy efficiency/renewable energy projects will be used. A variety of external support resources will also be shared. You will have time to begin developing some project-based ideas based on what you've learned.</p>	<p>Kathy Worobec is ACEE's Education Director and has worked with ACEE since 2012. She leads ACEE's work on K-12 curriculum development, facilitates education stakeholder engagement, coordinates ACEE's Alberta Green Schools, leads education workshops and supports fund development. She has more than 25 years of experience in developing, implementing, delivering and managing environmental education programs. Kathy has worked in the energy efficiency field and spent nine years as part of the Pembina Institute's GreenLearning Canada education team.</p> <p>Aaron Dublenko is a teacher at the Argyll Centre and Queen Elizabeth High School and he will be sharing how he has established the Innovate program that is project-based learning and the SLISE program that is a CTS natural resources module based program.</p>
<p>Introduction to Studio Lighting</p> <p>Trang Luong will share with you the studio lighting techniques on how to use studio flash to create beautiful portraits. Students think critically how to use these techniques to communicate messages to the viewers in many subject areas. They demonstrate the ability to create visual solutions to existing problems. Be ready to get hands-on to shoot professional portrait.</p>	<p>Trang Luong has over 10 years of experience in secondary education and currently teaches Communication Technology, Design, & Computer Studies to both Jr. & Sr. High. She recently completed her M. Ed. through the University of Victoria.</p>

<p>Dowelling Jigs and Cabinet Joinery</p> <p>Learn how to make dowelling jigs that can be used to join various forms of casework. This is a fast, economic and easily taught system that you can teach to your students. You will make a small cabinet with the top and bottom dowelled into the sides. All material is pre-milled and all tools will be provided. Knowledge of basic woodworking machinery will be an asset.</p> <p>Maximum 14 participants only.</p>	<p>Robert Whelan has been woodworking for as long as he can remember. It was “ingrained” in him when his Dad and him built a wooden sailboat when he was 12. He has taught at the Junior High and High School levels. He is a recent graduate of Inside Passage School of Fine Cabinetmaking.</p> <p>Sign up and make some sawdust!</p>
<p>If You Cook It, They Will Come!</p> <p>Now more than ever, students are taking an active role in their health; they are making more conscious decisions about eating healthier and with the popularity of reality cooking shows they are learning how to be more creative cooks.</p> <p>Overwhelmed with all the popular food trends? Looking for new ideas to engage students in learning how to cook healthier foods and make more informed decisions? Alberta Health Services Registered Dietitians are providing an interactive session highlighting resources and tools that align with the CTS Foods Curriculum.</p> <p>This is an opportunity to learn how to adapt curricular outcomes to include healthier options and learn the truth about popular misconceptions about such topics as avoiding gluten, fat and salt. Come share your best practices in the classroom and learn what others are doing.</p>	<p>Angela Stoye, Sarah Halton and Megan Wallace are Registered Dietitians with Alberta Health Services in the Population and Public Health department. Public health dietitians work in a community setting out of local health centres. They are nutrition consultants for other health care professionals and provide a variety of community presentations and programs.</p> <p>Sarah, Angela and Megan focus on school health and are involved in resource development and initiatives that promote healthy eating in schools. They are passionate about nutrition and excited to share information and resources to support student education.</p>
<p>Bringing Back Breakfast: All Things Eggs!</p> <p>Eggs are wonderful to be used in so many ways. In this session. Chef Andre will demonstrate the basics of egg cooking such as fried, basted, poached as well as different styles of omelettes. He will also demonstrate on how to make breakfast Hollandaise sauce.</p>	<p>Chef Andre Nedd is currently a chef at Brown's Socialhouse in Winderemere and has a collective 13 years of experience in the food industry.</p>
<p>CTF, CTS, Off-campus and Dual Credit Update</p> <p>This presentation and discussion will focus on updates and new programs of study for CTF, CTS, Off-campus and dual credit. CTF topics will include access and use of the CTF curriculum components: programs of study, assessment tools and implementation supports. Other topics will include the new and revised CTS courses, and Off-campus and Dual Credit Strategy updates.</p>	<p>Danielle Amerongen is the Team Leader responsible for Career and Technology Foundations (CTF), Career and Technology Studies (CTS), Off-campus and Dual Credit with French Language Education Services. Danielle is a former French Immersion school administrator and has been working at the ministry for four years.</p> <p>Bill Lomax is the Team Leader responsible for Career and Technology Studies (CTS). Bill has been with Alberta Education</p>

	<p>for five years. Has taught from K-12 and prior to coming to Government was the Department Head of Computing Technologies at Jasper Place High School where he taught Computing Science, Robotics and Web Development.</p> <p>David McCann is the Team Leader responsible for Career and Technology Foundations (CTF). Dave brings a breadth of unique teaching and leadership experiences to the team.</p> <p>Lana Rissling is the Team Lead—Dual Credit, Off-campus, Careers at Alberta Education. Lana has been instrumental in implementing the Provincial Dual Credit Strategy (PDCS) and the creation of new learner pathways such as Health Care Aide (HCA) and 13 other pathways.</p> <p>Joe LaValley is the Curriculum Manager—Dual Credit, Off-campus, Careers at Alberta Education. He is a former mechanics teacher and co-wrote the first Automotive Service Technician (ASA) curriculum in 2009.</p> <p>Traci Upshaw is the Curriculum Manager, CTS 10-12. She is a former Foods and Fashion teacher, CTS Department Head and Assistant Principal.</p>
<p>Hairstyles and Up-Dos</p> <p>This session will demonstrate various hairstyles, modern trends and techniques in curls and braids among other things. You'll walk away with new ideas to share with your students.</p>	<p>Jannah Lemke has been with Q Hair Design for 3 years and is a wonderful motivated young hairstylist. She loves colour and everything to do with styling! She's always educating herself and makes sure to keep up with the latest trends.</p>

AFTERNOON BREAKOUT SESSIONS: 1:00 P.M. – 3:15 P.M.

Session Description	Presenter Biography
<p>Strategies for Developing Whole-Body, Functional Workouts that Maximize Student Leadership</p> <p>Get ready to transcend the traditional teacher-led fitness lesson plan with strategies that instead encourage students to become advocates and commanders of their own exercise adherence. We'll use the moveBALL™ IMPACT youth fitness program to engage students with the what, why and how of important training concepts for all athletic abilities, such as whole body movement training, instability (balance) training, interval training, agonist/antagonist workout planning and more.</p> <p>You'll appreciate the gymnasium-ready ideas for creating positive physical activity experiences and opportunities for students to assume an exercise leadership role. This session aligns with many REC modules, including 2040, 2045, 2060, and</p>	<p>Anita Parker (B.Ed., B.Sc. AFLCA Trainer of Leaders) is an expert fitness trainer and yoga teacher in Edmonton and area of more than twenty years. She also teaches certification courses and workshops for fitness instructors, hosts a popular annual mountain fitness & yoga retreat in Canmore, and contributes articles and videos at her Fitness Matters blog. Anita is also the founder and developer of moveBALL™ Fitness, a whole-body, functional training method now implemented by fitness professionals and facilities available across the western provinces.</p>

<p>any CTS learning objectives for students to use their knowledge of the human body and principles of training to develop and lead exercises.</p>	
<p>UPDATED!</p> <p>Robotics is Transforming the Workplace... Will Your Students Be Ready?</p> <p>The coming decade will be defined by the largest workforce transition in the history of mankind. Students graduating from high school with robotics knowledge will have a significant advantage across all industries and business sectors.</p> <p>However, providing robotics education has historically presented two challenges for educators - Less than 1% of students are typically interested in learning about robotics, and there aren't many educators who feel confident teaching robotics.</p> <p>In this lunch discussion, you'll find out how you can <u>engage up to 90% of your students in robotics and programming</u>. you'll also learn how educators with no previous robotics or programming experience are successfully teaching robotics.</p>	<p>Dennis Kambeitz <i>Education & Business Development</i> EZ-Robot</p>
<p>Learn by Creating</p> <p>Using digital creativity to engage students in their own learning. We will use Adobe InDesign and Dreamweaver to create and present on topics.</p>	<p>John Chan graduated from the University of Alberta with a Bachelor's Degree in Education. He works with computers and digital media for over 25 years. His website is www.hawkeye888.net for more information.</p>
<p>If the Compass Points in the Right Direction... Strategies for Successful CTF Implementation</p> <p>During our session, we will share our journey of how 4 rural schools in a large division came together to implement CTF challenges for their Grades 6-9 students. We will share the laughter, the learning opportunities, and the successes of our CTF week. It is our hope that you will take away some successful strategies to use in your own schools and learn from some of the challenges that we faced in creating this unique learning opportunity for our students.</p> <p>Our session will breakdown in the following way:</p> <p>History of our Complimentary Course program in PSD WEST schools</p> <ul style="list-style-type: none"> ▪ A brief history of the collaborative model that was developed, the reasoning behind it and the need to be 	<p>Please join Parkland School Division's Richard Kniel (Wabumun Principal), Les Worthington (Entwistle Principal), Shawna Stewart (Seba Beach Principal), and Christa Nicholson (Tomahawk Principal), as we share our CTF journey to join 4 unique rural schools together to offer an exceptional learning experience for our Grade 6-9 students.</p>

<p>creative in providing our students with the best learning opportunities based on the reality of rural schools programming challenges</p> <p>The movement from CTS to CTF</p> <ul style="list-style-type: none"> ▪ This would encompass the look at providing time and opportunity for our students to originally earn 6 credits towards CTS classes by the time they left grade 9 and entered into grade 10 as well as the process of the work done last year, with support of Learning Services and PSD70's commitment to making CTF work, and the movement towards the development of the PSD70 CTF challenges etc. <p>CTF in action from planning to collaboration</p> <ul style="list-style-type: none"> ▪ An overview of the presentation/powerpoint that you could use in their own sites. <p>Where the fun begins – our onsite journey</p> <ul style="list-style-type: none"> ▪ Stories of the site administrator to look at the success and the challenges from concerns of budgeting, to the success of the steps we have taken to reflect on the process and move forward with our program for upcoming terms. <p>In conclusion, you will all get to take away all materials/resources/course descriptions that we created during the CTF week for ideas/implementation at your own sites.</p>	
<p>Engage! Experiential Learning in Nature: CTF and CTS courses in Jasper National Park</p> <p>The Palisades Stewardship Education Centre in Jasper National Park is devoted to providing nature experiences that help students become personally connected to their environment, develop a sense of place and belonging, and move towards active ambassadorship.</p> <p>Join the education liaison from the centre and learn how connecting students with nature can benefit them academically, emotionally, socially and physically. Current research on ecological and physical literacy will be discussed. Best practices will be explored, helpful classroom resources will be identified and classroom ready games and strategies will be provided. Get prepared to take your students outside for experiential learning!</p> <p>Finally, explore the programs available at the Palisades Stewardship Education Centre in Jasper National Park.</p>	<p>Barbara Schmidt has a Bachelor of Education from the University of Regina and a Masters in Educational Contexts from the University of Calgary. She has 17 years of teaching experience at the junior high level. As a GYPSD teacher, she is currently working with Parks Canada on an interchange agreement and is the Education Liaison at the Palisades Stewardship Education Centre in Jasper National Park. The center provides experiential education for youth; blending mountain recreation with environmental stewardship.</p>

Operated by Parks Canada. At the center, students will participate in proven experiential education programming that blends learner outcomes with mountain recreation.

For middle school students, multi-day nature immersion programs are developed for the CTF curriculum. Open ended challenges are presented to students and critical thinking is at work! Communication, teamwork and problem solving will be enhanced as students work and learn in cooperative groups, solve challenges and explore the concepts in an alternative outdoor environment.

For high school students, as part of the center's offerings, seven CTS courses are offered. Through a unique blend of experiential learning and mountain recreation there is a very high level of engagement. A four day trip includes three CTS. Teachers are provided with pre-immersion and post immersion activities. Assessment guidelines are suggested. Courses available include:

- Active Stewardship - 3 credits (Introduction to Stewardship (ENS 1010), Fostering Stewardship (ENS 1020), Project A (ENS 1910) *option to substitute)
- Outdoor Survival Skills (WLD 1130)
- Leadership and Nature – 3 credits (Leadership Fundamentals (HSS1080), Nature and Wellness (HSS100), Project A (HSS 1910))

Check out the website or find us on Facebook.
www.thepalisadescentre.ca

Engaging CTS/CTF FLEX Sessions for Your Students

Is your school offering FLEX sessions? Do you want to offer your students authentic engaging learning opportunities? The CTS/CTF department at Louis St. Laurent Jr./Sr. High School has developed a collection of hands on FLEX sessions to promote interest and passion for CTS/CTF courses. Take away easy to use lesson plans for your own FLEX sessions in Foods, Fashion, Design, Communication Technologies and Construction Technologies. You are encouraged to share their own FLEX sessions & lesson plans.

Alessia Schiavon has taught Foods and Fashion at both the Jr. & Sr. High levels. She brings a wealth of experience as a designer and decorator to her classes.

Evan Chalupiak has worked within the education field as a CTS teacher for more than 10 years. Evan has worked with the Saskatchewan Apprenticeship Board in conjunction with industry and the Saskatchewan Institute of Technology to develop certification programs within the construction industry.

Paul Begoray is the CTS/CTF Dept. Head at LSL. He has taught Construction, Legal Studies, Business Studies & Off-Campus Education for the past 10 years and has completed his M.Ed. through the University of Portland.

Trang Luong has over 10 years of experience in secondary education and currently teaches Communication Technology, Design, & Computer Studies to both Jr. & Sr. High. She recently completed her M. Ed. through the University of Victoria.

<p>The Construction Shop – The Need to Knows for Students and Teachers</p> <p>We have established a group of construction teachers from all around Alberta (covering five different divisions). We have set up a Google Drive to share all of our content in order to develop a better set of teaching materials and projects. The goal is to create high skill/high interest projects that students will actually bring home and enjoy. Over the course of this year, we are creating a fully functioning Google Classroom with access to all the projects, common rubrics and methods of marking as well as videos that have step by step instructions on how to create each project, use a piece of machinery or access help when they are stuck. All students will have to do is scan a QR code and watch the video pertaining to the step they need. We will show you how we began this process, where we are at, some of the projects we have selected and show you how to begin this process on your own.</p>	<p>Steve Woodard and Robyn Maduik are both construction teachers. They bonded over their similar experiences in their classrooms in terms of student engagement and set upon ways to change that.</p>
<p>Implementing CTF in a K-8 School: Sample Project - Project Runway – Eco-Couture</p> <p>Learn how Ecole Dansereau Meadows School in its second year of being open, implemented CTF projects for Grades 5-8 on a trimester basis. We will share the variety of CTF projects that were created as well as share a specific project in detail: Project Runway for Grades 7 & 8. Through this project, you will have the opportunity to see how students are engaged in a learning process that uses inquiry, reflection and real life application.</p>	<p>Susanne Stroud is the principal of Ecole Dansereau Meadows School and is teaching a CTF project.</p> <p>Denise Harrison is the assistant principal and is also team teaching with Susanne.</p>
<p>How to Run Open Foods Courses throughout an Entire Term</p> <p>By keeping our courses open throughout the entire semester, we are able to ensure that most of our students succeed at acquiring the skills and outcomes of each course. Rarely is cooking divided into sections like our courses. By keeping a holistic approach to cooking, we are able to offer a more realistic snapshot of what cooking is.</p> <p>We will explore the advantages of running an open foods program and share our experiences with the foods program at J. Percy Page. By running the open program, we have found student engagement to be high and student participation in the Foods classes to be equally high. From a business perspective, we have found advantages to the budget by being able to take advantage of leftover food from previous labs and sales and promotions from our suppliers.</p>	<p>Andrew Martin is a Red seal chef with over 15 years' experience in restaurants. Taught foods courses at Ross Sheppard and J. Percy Page.</p> <p>Marcel Rocque is a teacher since 1995 and currently a Foods teacher at J Percy Page since 2010.</p>
<p>“Igniting a Career” CTS Pathways and RAP</p>	<p>Currently, Tony Lovell is a Manager with Apprenticeship and</p>

<p>The Registered Apprenticeship Program (RAP) is a modified apprenticeship program designed specifically for high school students who wish to pursue a career in the trades. RAP allows students to receive credit toward their high school diploma as well as hours toward their first year apprenticeship program.</p> <p>The presentation entails working RAP and CTS Pathways into potential career paths for youth in high school, and promotes awareness for those students still in junior high. It is a workshop style presentation that provides information about Apprenticeship and CTS Pathways, the RAP program and CTS Pathways, and how RAP and CTS work together to ignite a career.</p>	<p>Industry Training, a division of Innovation and Advanced Education, responsible for managing five trades for the province. Over the past 31 years, Tony has been involved in apprenticeship presentations, acted as a consultant visiting employers and apprentices, a manager, as well as an advisor on apprenticeship matters to many government and non-government teams and agencies.</p> <p>Elaine Cope is an Apprenticeship Consultant with AIT, her portfolio consists of 5 trades, as well as Women Building Futures and RAP. Elaine is a Master electrician with approximately 30 years of trade experience in a variety of areas within that trade, such as industrial, commercial and residential applications. After obtaining her Masters, Elaine taught Trade School for a few years then started her own electrical company, before becoming a Consultant with AIT.</p>
<p>CTF: CO2 Dragster Race-Wind Tunnels, Laptops and Styrofoam – Oh My!</p> <p>We will use the CTF model to create CO2 cars in a conventional classroom using styrofoam instead of wooden blanks. We will work through the design, test, and redesign phases of a project using a wind tunnel to help achieve aerodynamics. A car race will complete the project.</p> <p>This session will demonstrate how CTF is fun and engaging and how the new curriculum can be used in classrooms other than in a construction lab. There will be time allotted for asking questions and sharing CTF project ideas throughout the session.</p>	<p>Dennis Pratt is a CTF lead teacher at Kate Chegwin Junior High where he teaches Construction and Computers. He has been involved with the development of the new CTF curriculum as a part of the scaling up to implementation phase over the past 3 years and is currently piloting CTF in his classes. Dennis is a Wood Products Engineering Technologist (NAIT), a Technology Education teacher (U of A) and holds a master's degree in Educational Technology (UBC).</p>
<p>Zombies, Aliens and Angels... Special Effects Make-up Overview</p> <p>From simple out-of-kit scars and wounds to full monster make-up. We will look at the fascinating transformations possible with practical make-up effects for movies and television, using air brush, latex and silicones to transform actors into zombies, aliens and much more! We will also discuss the correct directions available in the field.</p>	<p>Robert Woodbury has been an actor, artist and sculptor for the past 30 years and has been working at Cosmopolitan Make-up College for 9 years.</p>
<p>Real-world Learning from Alberta Trade Unions</p> <p>The Building Trades of Alberta represents the various trade unions in the province. Recently, CBE and several trade unions in Calgary piloted a partnership arrangement that allowed high school students to earn high school credits and receive real-world instruction in various union training centres by certified journeyman instructors. Students benefit from experiencing hands-on learning as they explore potential career paths.</p>	<p>Mike Rezansoff's family history is with unions. He first apprenticed with UA Local 170 B.C. in 1994. He moved to Calgary in 1999 and became a member of the United Association Local 496. He is a Red Seal Journeyman, with Plumbing and Steam Fitting degrees. He started working for the Building Trades of Alberta in 2008. At BTA, he helps union members and the larger Alberta community as well.</p> <p>His job as Southern Manager is to support and promote the Building Trades of Alberta and their affiliates and members in</p>

In this session, you will hear from one of the founding members of this partnership and hear how this partnership may be extended to Edmonton and area students.

areas of business development and government, owner/client, public, educational, and community relations. He represents the BTA on the boards of a number of organizations - Alberta Construction Safety Association, Manufacturers Health & Safety Association, Job Safety Skills Society, and Calgary Educational Partnership Foundation.