



CTEC will be using the Sched App this year. All **PRE-REGISTERED** sessions will open on **OCTOBER 12, 2023, AT 8:00 AM.**

Conference Schedule

Thursday, October 26th

4:00 PM	Pre-Conference Grizzly Paw Brewery Tour <i>*Ticketed event*</i>
4:00 PM	Registration
6:30 PM	Reception
7:00 PM	Keynote Speaker – Skills Alberta
8:00 PM	Vendor Mix and Mingle

Friday, October 27th

7:30 AM	Breakfast
7:45 AM	AGM
8:30 AM	Wellness Field Trips <i>*Take a to-go snack*</i>
12:30 PM	Lunch
12:50 PM	Keynote Speaker – Ecovision
1:45 PM	Session 1
3:00 PM	Break
3:30 PM	Session 2
6:30 PM	Conference Social – Casino Royale <i>*Ticketed Event*</i>

Saturday, October 28th

8:00 AM	Breakfast
9:00 AM	Session 3
10:15 AM	Break
10:45 AM	Session 4
12:00 PM	Lunch
1:00 PM	Roundtables (optional)

REGISTRATION:

<https://admin.unityeventsolutions.com/se/ATACTECTEMPLATE/ATT/EN/>

ACCOMMODATIONS:

The room block at the Coast Canmore has SOLD OUT. There are numerous hotels within walking distance to the Coast Canmore with comparable rates to the conference rate at the Coast Canmore.

ADDITIONAL EVENTS:

- Pre-Conference Brewery Tour with CTEC President Paul Bohnert
 - Thursday, October 26th at 4:30 PM
 - Please purchase your \$25.00 tickets through <https://shop.thegrizzlypaw.com/products/private-tour-sk>
- Conference Social - Casino Royale
 - Taco bar 6:30 PM – 8:00 PM
 - Casino Night 8:00 PM – 11:00 PM
 - Photo Booth
 - Cash Bar
 - \$30.00 for CTEC members, \$50.00 for non-members

All schedules are subject to change.

Wellness Field Trip

Field Trip	CTEC Areas								Description
	BIT	MD	HR	NA	TM	CTF	RA	GI	
Yamnuska Wolf Dog Sanctuary 263156 Range Road 53, Rocky View County, AB									This experience begins with a private 20-minute chat and Q&A session tailored to your group by one of our wolfdog experts. From there, enjoy full access to explore the rest of the Sanctuary at your own pace. The group will also get the chance to meet a wolfdog up close and take a group photo. *This is about a 30-minute drive from Canmore and carpooling is encouraged. Tour will begin at 9:30 am.
Crock-A-Doodle 300 Old Canmore Rd #109, Canmore, AB T1W 0L5									Enjoy the fun of pottery painting in Crock-A-Doodle's bright and cheerful studio. We've booked out the whole studio for our private event - enjoy chatting with your colleagues as you paint a piece of your choosing. *CTEC will cover \$50.00 per participant. Any costs above \$50 are at the expense of the participant. Walking distance.
Banff Gondola and Hot Springs 100 Mountain Ave, Banff, AB T1L 1B2									Explore the picturesque scenery as you soar up to the summit of Sulphur Mountain on the famous gondola in Banff. You'll enjoy 360-degree views of the mountains, Bow Valley and Banff National Park. Then, after a relaxing ride to the top, you can soak in the mineral waters of the Banff Upper Hot Springs and enjoy the soothing dip in the natural hot springs. *Banff Park pass is at the expense of the individual. Carpooling is encouraged as the drive is about 15 minutes.
Yoga and Japanese Tea Tasting 60 Lincoln Park, Canmore, AB T1W 3E9									Enjoy this private yoga lesson at the Coast Canmore for all ability levels. Then enjoy a workshop with Tea Sommelier from Matsukaze Tea who will explain in depth of the six different kinds of Japanese tea. Amuse your pallets with tea pairing hors d'oeuvres created by Chef Chris & Mariko Thomson. *This field trip takes place in 2 locations – Coast Canmore Hotel and Wagashi Team House. Carpooling is encouraged.
Canmore Cave Tours 129 Bow Meadows Crescent, Canmore, AB T1W 2W8									Enjoy a Natural History tour into Rat's Nest Cave near Banff and Canmore! On the Explorer Tour you will spend approximately 2 hours underground exploring this amazing playground, passing ancient bones and cave formations along the way! *Participants to pay an additional \$100.00 for this field trip at registration. Carpooling is encouraged. Tour will begin at 8:00 am at the Canmore Cave Tour office in Canmore.
Coal Mine Hike 1 Centennial Dr, Kananaskis Village, AB T0L 2H0									Your tour begins with a short drive to the trailhead; where traces of the mining town remain. The hike takes you along the trail where horses used to cart the coal, to a stunning viewpoint where the mine scar is visible. After our beautiful hike, we will return to the village for a group social. *Participants to pay an additional \$35.00 for this field trip at registration. Carpooling is encouraged as the drive is about 30 minutes. Tour begins at 9:00 am.
Rock Climbing Workshop 700 Railway Ave #100, Canmore, AB T1W 1P4									Have fun in this 1.5 hour climbing workshop at Elevation place. This gym has 11,000 square feet of climbing surface as high as 15 m at its peak. It has varied terrain with over 100 color-coded climbs for climbers of all abilities and extensive bouldering terrain. Once done, you can enjoy all the other amenities in Elevation Place like their aquatics center or gym. *Walking distance.

Friday, October 27th

Session 1 1:45 PM – 3:00 PM

Session	CTEC Areas								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
Best Practices for DEI in CTF Classrooms <i>Bri Drury & Serie Jeppesen</i>									Join Women Building Futures, as we actively discuss best practices for fostering diversity, equity and belonging in the CTF/CTS classrooms and beyond. Take away a curriculum linked hands-on project and a 'safety' mindset to instill in ALL your students.	Caribou Room
Building a Relationship between CTS and Fine Arts <i>Enza Ritacco & Fraser McGee</i>									Do you have a technical theatre program at your school? Have you wondered how you could potentially link CTS and Fine Arts. FACTS (Fine Arts and CTS) can so nicely lend themselves to each other. Join me for a presentation and open discussion on what works and where to begin the planning and working with various types of budgets.	Wolverine Room
Eco-dyeing Silk with Flowers and Leaves from the Garden <i>Susan Crawford</i>									Eco-dye silk with various flowers, leaves, and plant materials from Alberta gardens. Participants will be shown a variety of samples of eco-dyed silk and will be able to choose the flowers (e.g., coreopsis, roses, hollyhocks, cosmos), leaves (e.g., oaks, maples) and plant materials (e.g., yellow onion skins or red onion skins) that they want to use for their eco-dyed scarf. Participants will be shown how to make a bundle of flowers, leaves, and plant materials, and then will watch as their bundle is steamed, and the colors are transferred onto the fabric. \$30.00 fee payable to presenter. PRE-REGISTRATION	Art Room – Canmore Collegiate High School
Esthetics Institute – Advancements in Industry <i>Angela Rowland</i>									This session will focus on where the esthetics and spa industry is heading in the future. Angela Rowland, a former RN, and internationally accredited CIDESCO Esthetic & Clinical Educator at the Esthetics Institute Training Center will provide valuable insight and knowledge on the many advancements occurring every day in our industry.	Cosmetology Lab – Canmore Collegiate High School
Explore, Engage, Experience – Student Pathways and Transitions <i>Roz Wick</i>									In this session participants will learn about the youth programs offered through SAIT (dual-credit, transition programs, exploratory programs, junior high activities) that support junior high and high school students in making informed decisions about their next steps.	Squirrel Room
Immersive Forest Education for your Classroom <i>Forrest Battjes & Braeden Elenko</i>									Looking for ways to incorporate meaningful forest education into your classroom? Join Inside Education and Work Wild in an interactive learning session on tools and resources used for forest education in Alberta. This session will provide educators with exciting hands-on forest resources to engage students in meaningful learning about Alberta's forest ecosystems, ecosystem management, environmental monitoring technology, and various career pathways. Not only will this session leave you with inspiration and new ideas to use in your classroom, but you will also gain access to interactive games, tools, and technologies that will supplement your students' excitement for Alberta's forests! Join us to spruce up your students' tree knowledge!	Cougar Room
Introduction to Artificial Intelligence for Educators <i>Bobbi Belsek</i>									What do we mean by artificial intelligence, machine learning, and deep learning? What are the potential impacts on education and society, and how do we talk to students about all of this? In this session we will explore these topics, try out some examples, and talk about the potentials and pitfalls of AI and related technologies.	Grizzly Room
Taking 3D Printing to the Next Level <i>Jared Henze</i>									3D printing is a fantastic technology that is spreading like wildfire in education. Many schools have been using them in a variety of ways to build capacity in areas of technology and design thinking. There are nearly infinite ways that we can use this to support work in the classroom, the school in general, and the greater community. This course will feature a ton of information on how to take your school's existing 3D printing capabilities to the next level. A wide variety of different student projects will be showcased, with existing lesson plans and templates shared with you as well. We will be talking about how to use materials other than PLA in your machines and the possibilities that open as you explore these. One material, TPU can be used in a variety of contexts to create flexible/wearable 3d prints.	Makerspace – Canmore Collegiate High School
The Ingredient Lab <i>Jaclyn Chute</i>									The Ingredient Lab is a new program for grades 7-9 foods teachers based on Career and Technology Foundations (CTF) curriculum. Students are given the challenge: What role do key ingredients play in the sensory qualities of recipes? This session will include taste-testing, conducting sensory evaluations, networking, and reviewing all program components including the Teacher Guide, Student Workbook, cooking videos, and food science videos.	Foods Lab – Canmore Collegiate High School

Session 2
3:30 PM – 4:45 PM

Session	CTEC Areas								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
An Introduction to Skills Canada/Alberta Fashion Technology Competition <i>Courtney Proctor</i>									While using the Skills Alberta and Skills Canada Scopes and patterns Courtney will break down the competition scope and provide insight to properly preparing a student for the competition. Courtney will bring sample materials and patterns similar if not identical to this upcoming competition. Questions will be welcome and teachers with past student competitors work are welcome to bring in examples.	Art Room - Canmore Collegiate High School
Building Futures with Coventry Homes <i>Mike Lees</i>									This session will be talking about the Building Futures Program we have been running at Coventry Homes for the past 3 years. This program is offered to students in grade 10-12 whereby they can receive up to 30 extra CTS credits as well as pre-emptive credits to the R.A.P. program through A.I.T.	Squirrel Room
Cooking Around the World <i>Kathryn Gauthier</i>									In this session, you will work through Kathryn's CTF Around the World Cooking Project and create a 3-course meal to share. \$12 fee payable to presenter. PRE-REGISTRATION	Foods Lab – Canmore Collegiate High School
How to Utilize Freeze Drying in a Classroom <i>April Sevigny</i>									Come and learn how to utilize freeze-dried products in a CTS classroom. We will explore freeze dried pre-made meals and utilize freeze-dried products in a recipe. Enjoy samples while exploring the magic of freeze-drying. There will be a recipe demo and samples. PRE-REGISTRATION	Wolverine Room
Incorporating Data Visualizations Exercises into your Lessons <i>Bobbi Belsek</i>									In this session, educators will be introduced to Callysto Data Visualization Exercises, which provide a meaningful and authentic way of bringing data literacy into classrooms across all subject areas. These activities will provide opportunities for students to communicate in a variety of contexts, purposes, audiences, and given a variety of situations, and encourage them to use data to communicate their understanding. Session attendees will be introduced to Callysto classroom resources to support teaching and learning of data literacy using data visualizations. Attendees will be introduced to the creative and scientific process of generating data visualizations from open data sources.	Grizzly Room
IndigeSTEAM: Engaging Indigenous Youth in Tech with Respect for Culture <i>Logan Oldstar Arcilla & Mitch Way</i>									IndigeSTEAM's mission is the provision of Indigenous-led and culturally relevant programming in STEM/STEAM to support a better future for Indigenous youth in STEM. They do this with spaces that are ethical and respect Indigenous culture and Ways of Knowing. They bring in Indigenous STEM role models and train non-Indigenous and Indigenous STEM professionals how best to work with Indigenous youth and youth in general. They also provide the Indigenous STEM professionals with networking and support that recognizes their need to walk in two worlds. One of IndigeSTEAM's Topic Bundles is a Technology one encompassing robotics, drones, coding and more. Here we will introduce participants to IndigeSTEAM's Robotics program including robot clubs, Indigenous-based robotic challenges and a Robot Pow Wow.	Maker Space – Canmore Collegiate High School
Modernizing Apprenticeship Education and the Skilled Trades <i>Katheryn Andrews & Justin Gabinet</i>									Alberta's apprenticeship education system is modernizing to meet the needs of the evolving economy! Come learn about our new apprenticeship education credentials, expansion of the apprenticeship model beyond the trades, and opportunities for post-journeyperson laddering and pathways.	Caribou Room
Urban Agriculture Startup <i>Sophia Lobo</i>									Sophia will discuss how she started the Go Green Project at St. Oscar Romero High School, a small high school located in west Edmonton. They have 3 small hobby greenhouses, and 12 outdoor garden boxes. Inside, they have a hydroponics system and a Dutch bucket system in development. She will go through how their production compliments our WIN class for work experience as well as our food classes.	Cougar Room

Session 1 & 2
1:45 PM – 4:45 PM

Session	CTEC AREAS								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
CNC Programming & Cutting in your Classroom <i>David Teasdale</i>									In this session, you'll learn how to introduce CNC programming using G-Code to your students, then use a hobby router machine to cut out the results. G-Code is a relatively easy programming language to master, can be done in any word processing program, and the results checked online before committing to cutting it out. In this session, a demonstration of programming and cutting a sign using straight & curved lines on a 6" x 9" piece of MDF will be experienced, as well as some online software to incorporate shapes and images into a project. This project can be started in your classroom for less than \$500 in hardware. **Attendees should bring a device (laptop/Chromebook preferred) and a pencil	Construction Lab – Canmore Collegiate High School
Welding and Pipe Trades <i>Boyd Currie</i>									Join Boyd Currie as he takes you through a virtual welding simulator and piping trades presentation.	Wildrose Ballroom

Saturday, October 28th

Session 3 9:00 AM – 10:15 AM

Sessions	CTEC AREAS								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
Effective Guest Teacher Plans <i>Jodi Park</i>									In this session, teachers in like areas can work together to create a folder of effective, easy to implement guest teacher plans that are easy to access and readily available. A template will be available as will ideas for middle school foods and fashions. Others are encouraged to work together to create plans that make sense for their area and level.	Squirrel Room
Essence of Textured Hair <i>Marty Boechler</i>									We will discuss how to incorporate textured hair into your curriculum and online learning platform, some theory behind working with textured hair and a cutting demonstration and potential styling demonstration on textured hair.	Cosmetology Lab – Canmore Collegiate High School
Financial Literacy and Entrepreneur Resources for CTF and CTS <i>Deborah MacFayden & Deb Vance</i>									If you are a teacher concerned about the financial future of our Alberta youth or are teaching about financial literacy or entrepreneurship with your students, then this session is for you! Preparing lessons for your classes using these FREE Financial Literacy and Entrepreneur resource collections just got easier. This session will explore a wide range of resources and ideas to support teachers, students, and parents in the Alberta curriculum. Join the Debs to learn more about the CFEE Financial Literacy and Entrepreneur resources and activities to learn just how easily you can infuse the financial literacy and entrepreneurship themes within your existing course content!	Caribou Room
Getting the Dirt on Agriculture in Alberta! <i>Debra McLennan & Louise Labonte</i>									This session will explore crop agriculture, relevant food production, and Farm to Table in Alberta. Hosted by Debra McLennan with the Alberta Pulse Growers Commission and Louise Labonte with the Alberta Canola Producers Commission, this presentation will make curriculum connections with AGR 1010 – Introduction to Agriculture, AGR 2010 – Diversity in Agriculture, and FOD 1070 Farm to Table. This cross-curricular session will provide resources and activities that educators can implement into their lesson plans – bringing agriculture into the classroom using project-based learning.	Cougar Room
Integration for All in CTS Classes <i>James Loach & Aliece Bonnell</i>									This session is meant to support teachers and schools in successfully integrating all students into CTS and shops classes. The presenters will share their experience of teaching an integrated class and advocating for integration in the school community. Practical ideas will be shared for how to support students who are integrated in your spaces and how to support your school community in building integrative practices.	Grizzly Room
Off Campus/RAP 101 <i>Wendy Fessler</i>									A beginner guide to navigating what Off Campus and RAP is all about and how we can support our students. This is for teachers, coordinators and supervisors who are new to the role.	Wildrose Ballroom
The Power of Partnerships <i>Judy Stolk-Ingram</i>									We will provide an overview of an innovative three-year pilot project featuring six school divisions, Lethbridge College, and industry partners.	Wolverine Room

Session 4
10:45 AM – 12:00 PM

Sessions	CTEC AREAS								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
Birds, Bees, and Goats <i>LCHS Ecovision</i>									Join Steven Schultz and the Lacombe Composite High School Ecovision students for a more in depth look at environmental and agricultural education in action.	Grizzly Room
Building Bright Futures: Empowering Students through Financial Literacy <i>Mitchell Duram</i>									Join Money Mentors in this interactive, hands-on session focused on financial literacy education. We'll delve into the latest research, showcase the FREE resources and services our organization provides, and share practical teaching strategies designed to empower both students and educators alike. All are welcome!	Caribou Room
CTF, CTS, and Trades as a Trauma Recovery Resource <i>Andrew Garrett</i>									A discussion on how the CTS/CTF learning environment and apprenticeship program can serve as a potential resource and pathway to aiding recovery for learners struggling with trauma.	Squirrel Room
Essence of Barbering <i>Mel Houston</i>									We will discuss teaching Barbering in the classroom (in accordance with AIT regulations), how to use an online platform to enhance learning, its benefits for both teachers and students and conduct a hands-on demonstration of a taper haircut (potentially moving into a fade if time allows).	Cosmetology Lab – Canmore Collegiate High School
Managing a Multi-Level and Multi-Stream CTS Classroom <i>Gerald Beaudoin</i>									Learn how project-based learning, portfolios and presentations enable a classroom of grade 10s, 11s, and 12s to study Computing Science, Visual Communications, and Design all at the same time.	Wolverine Room
Starting a Junior High Agriculture Foods Program <i>Carter Cox</i>									In this session, Carter will talk about the rationale behind starting an agricultural program that will help teachers and administrators gain support for starting this type of program at their school/faculty. He will discuss the successes and failures of starting the program at Vincent Massey Junior High and talk about future programming.	Cougar Room

Sessions 3 & 4
9:00 AM – 12:00 PM

Sessions	CTEC AREAS								Description	Room
	BIT	MDC	HRH	NAT	TMT	CTF	RAP	GI		
Cosplay in the CTF Classroom <i>Jared Henze</i>									A huge number of our students have started diving into a variety of CTF focuses since they want to create elaborate costumes for Cosplay and Conventions. Using foam, 3D printing, sewing, electronics, and more you can use this focus to help provide opportunities to explore all sorts of making methodologies. In this session, Jared will be showcasing a bunch of the techniques and lessons he's used with students, with a priority on teaching how to build capacity at a low price point so they can continue this work outside of the classroom. He will be focusing on how to work with EVA foam to create solid props, armor and other elements required for costumes with some hands-on activities to give participants some experience in the area. PRE-REGISTRATION	Bike Shop – Canmore Collegiate High School
Indigenous Cuisine and Protocol <i>Shane Chartrand</i>									Join Indigenous Chef Shane Chartrand as he leads you through a culinary workshop and introduces you to Indigenous protocol. PRE-REGISTRATION	Foods Lab – Canmore Collegiate High School
Learning to Needle Felt <i>Jamie Bowen</i>									In this session, you will learn to needle felt by creating an ornament and small landscape. \$15.00 kit fee payable to the speaker. PRE-REGISTRATION	Art Room – Canmore Collegiate High School
Making your own Wood Stains and Finishes <i>Dustin Moreau</i>									How to create safe student friendly wood stains and wood finishes. Cheap and easy clean up. \$10.00 kit fee payable to presenter. PRE-REGISTRATION	Construction Lab - Canmore Collegiate High School
Promoting Metacognition and Learning Through Visual Journaling <i>Darrin Wilson</i>									Students learn best by regularly utilizing metacognitive strategies to help process their thinking. When students use words, pictures, and symbols to represent their understanding and to help reflect on the hefty concepts that they are presented within their daily classroom spaces, they are more likely to retain ideas and apply their learning later. While the focus of this session will be on showing how fine arts teachers can apply metacognitive journal writing strategies in the courses they teach, all attendees will be able to develop skills for utilizing metacognitive strategies in their respective classrooms, regardless of the subject area they teach in. PRE-REGISTRATION	Wildrose Ballroom

Vendors
Subject to change

