

INNOVATE

Centre for Arts, Crafts and Technology



TUKTOYAKTUK MAKER SPACE

In January 2021, The Tuktoyaktuk Community Corporation (TCC) launched a 3-month pilot program: The Tuktoyaktuk (Tuk) Makerspace. This new space provided equipment (laser engravers, cricut, and 3D printer), and programming, along with technical support, for Tuk residents. The aim of the pilot program was to provide business development opportunities to Tuktoyaktuk residents. The makerspace was housed in at the Aurora College Community Learning Centre.

The pilot was incredibly successful; community members were eager to keep the makerspace running. The Tuktoyaktuk Community Corporation (TCC) secured additional funding from the Canada Healthy Communities Initiative in order to keep the makerspace running until June 2022 with expanded hours and ongoing staffing.

Since its inception, the Tuk Makerspace is supported by Aurora College and INNOVATE through equipment loans, support for advertising & promotion, travel support, hands on training for staff, community visits for equipment repair/maintenance, equipment swaps and repairs. An additional bonus: members of the Tuk Makerspace have access to the INNOVATE Centre in Inuvik.

Our Partners



Gwich'in Tribal Council
Gwich'in Land, culture & economy for a better future



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Center for Arts, Crafts and Technology

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MEET THE TUKTOYAKTUK MAKE SPACE TEAM



Kendyce Cockney Project Manager

Members can talk to me about ...

I am the Project Manager for the Tuktoyaktuk Maker Space. You can talk to me about the program and workshops that you want to know more about. I am the overall project manager.

Favourite Piece of Technology?

The Glowforge laser; it can laser any kind of image on wood, license plates etc.



John Thomas Noksana 3rd Junior Manager Technician

Members can talk to me about ...

I am here to help members to learn how to use the machines and assisting in creating their projects. This job helps to teach people in different ways, and I like that

Favourite Piece of Technology?

My favorite piece of technology to work with is the laser.

MERGING ARTS & CRAFTS TECHNOLOGY COURSES

The INNOVATE Centre has delivered Merging Arts and Crafts with Technology Courses in the Beaufort Delta region. The customized courses provide in depth instruction of software and equipment. Hands on training on the equipment provides students with the opportunity to experiment with different techniques and materials. The end result of producing a product is immediate.

If you are interested in running a workshop or interested in training on software and equipment please contact us!

COMMUNITY MAKERSPACES

Aurora College and the INNOVATE Centre have the capacity to support makerspaces in communities throughout the NWT. The development of community-based makerspaces have numerous benefits for community members:

Economic benefits

- Removal of barriers to artists/crafters wanting to produce arts and crafts for sale to tourists or online
- Opportunities for local residents to generate income through small-scale manufacturing
- Digital literacy & business skills

Educational & Cultural Benefits

- Intergenerational sharing & learning
 - Traditional knowledge and methods
 - Youth contribute digital skills
- Expression of local culture and art using new technologies that allows experimentation and creativity

If you are interested in learning more about how INNOVATE can support community makerspaces, contact us innovate@nwtresearch.com

FEATURED MEMBER: Betty Elias (Algjuna)



Betty Elias, of Tuktoyaktuk, joined the ACTMC's (now INNOVATE) 10 week merging arts, crafts, and technology program three years ago in Inuvik. Currently a member of the Tuktoyaktuk Maker Space, she is now skilled to work on various equipment (including epilog laser engraver, Glowforge laser), and software (Adobe Illustrator).

She uses Adobe Illustrator to make designs and text that can be laser cut onto leather and other materials to make keychains, earrings, and ornaments. Her customizable key chains promote her community name, the Arctic Ocean, and the Tuktoyaktuk Highway. Adding key rings, fur, and strips of hide gives it a northern flare and feel. Tourists often ask her questions about how the fur and hide is processed. Betty also makes personalized ornaments customized for special events like mother's day, birthdays, and Christmas.

Betty is currently learning to use the Cricut machine to make teaching materials along with posters and signs to promote her language classes.

Betty is very happy to have a community maker space, open to all, in Tuktoyaktuk; she brags, 'there is always something happening there'. Her experience with both INNOVATE and her community's maker space make it possible for her to combine her traditional skills with new technology.



"I hope more people get interested to learn and create. More news will get around and show people what they can do at the maker space. They can make things that tourists will buy that is relevant to this area." - Betty Elias

TECH TIPS

Subli-what-now?? What is Sublimation Printing?

Sublimation is the scientific term for the process of a solid turning directly into a gas (no liquid stage). Sublimation printing is when an image is infused onto sublimation printing paper. The ink is transferred (using heat and pressure) from solid ink to a gas which then infuses into your blank (mug, cloth bag, coaster, etc.). View more videos on Sublimation printers: <https://www.youtube.com/watch?v=ChkBcdXw7GE>

SEPTEMBER IN REVIEW



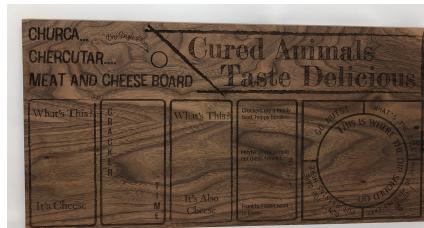
We had a great time at the Town of Inuvik's Fall Fair (held September 11, 2021) and want to thank everyone who took the time to visit our booth, have a chat, and enter the draw to win a hobbyist membership.



The draw took place at the Innovate Centre September 15th. Josh drew Raven Firth's winning ticket.

Congratulations Raven!

This month we were thrilled to work with members interested in our woodshop. We look forward to more great projects coming out of the shop.



THE BENEFITS OF A COMMERCIAL MEMBERSHIP

Whether you're already a successful business owner (looking to create NWT-made SWAG or add value to your products) or a technology-beginner looking to start a business (and generate an income completing contracts). The INNOVATE Centre for Arts, Crafts and Technology exists to provide a well-equipped facility and empower **every individual** with the tools and techniques to create innovative, unique products that enable them to generate a better livelihood.

Commercial Membership

- Priority access to technology / machines
- Priority access to technician support
- Access to the job board (to bid on contract work)
- Additional access to the centre (outside of open hours) to complete contracts
- \$150 / month
- \$1500 / year

Hobbyist Membership

- Access to technology (if not needed by a commercial member)
- Access to technician support (if not assisting commercial members)
- \$75 / month
- \$750 / year

OCTOBER WORKSHOP SCHEDULE

October 6 (6 - 8pm): Introduction to Adobe Illustrator

October 10 (10am - 5pm): Charcuterie/Cutting Boards*. Adobe Illustrator basics is required.

***\$125 for non-members, \$75 for members**

October 13 (6 - 8pm): Basic Tools: Intro to common hand-held and power tools

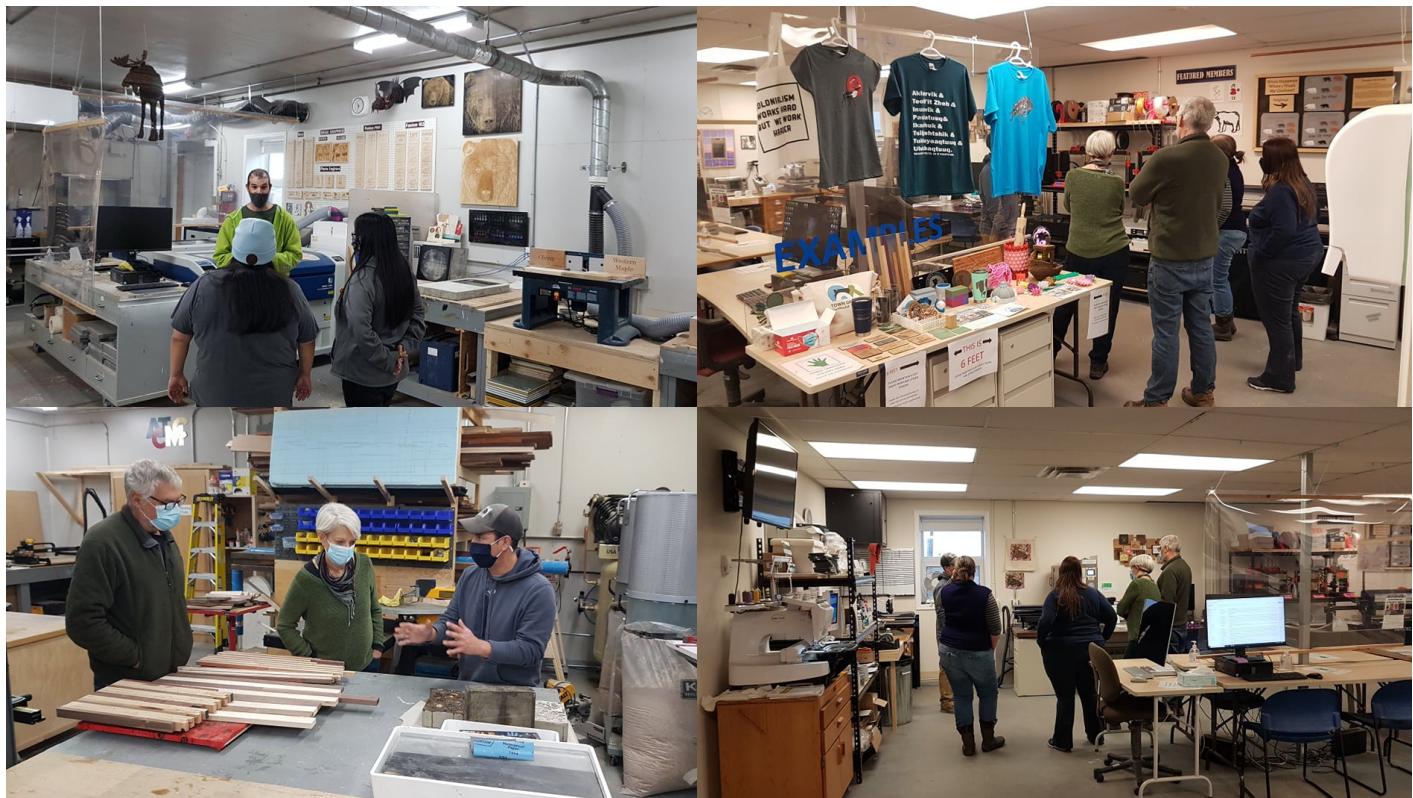
October 20 (6 - 8pm): Intermediate Adobe Illustrator

October 27 (6 - 8pm): Intermediate 2 Adobe Illustrator



FALL OPEN HOUSE

On Saturday September 25, 2021, the INNOVATE Centre for Arts, Crafts and Technology opened its doors to the public, offering tours of the centre and demonstrating a small fraction of the technology (laser engraver and sublimation printing). If you missed the open house - you are still more than welcome to come for a tour! We love showing off the centre and showcasing what is possible and how it can support small business' in the region.



LOOKING FORWARD

**The INNOVATE Center will be at the Great Northern Arts Festival
Christmas Craft Fair**

November 2021 - Stay tuned to our Facebook page for more details!

**Check out our next newsletter (November 2021) to learn more
about Holiday themed workshops**

86 DAYS UNTIL CHRISTMAS

Thinking about Christmas gifts? Holiday Cards? Commemorative Ornaments? INNOVATE can help!

Hobbyist memberships are available at a cost of \$75 per month (you can sign up for as little or many months as you wish). Commercial memberships (along with priority access to machines and technician support) cost \$150 per month. GIFT CERTIFICATES AVAILABLE.