

3D Printing Workshop 2024



PRESENTED BY

David Harmon, Greg Theron & Greg Fischer



SERIES SESSIONS

Date	Time
November 28, 2024	8:30 AM - 3:30 PM



LOCATION

Lethbridge School Division Education Centre
- 433 15th St S

FEE

\$800.00

QUESTIONS?

Contact Us:

[403-381-5580](tel:403-381-5580)

REGISTER ONLINE

Visit our website to register:

south.aplc.ca

Learning Opportunity

3D printing (also known as additive manufacturing) is an immersive technology that not only is a great hobby but a powerful addition to the classroom and household alike.

From bringing history or literature to life or engaging students in STEAM, 3D printing is one of the most enveloping technological tools available presently!

Come join us in learning the stimulating world of 3D printing. In this one-day venture, you will unpack your 3d printer, get practical hands-on training in the use of the software required to get your 3D printer running and the knowledge to integrate it into your classroom.

Each person who attends the workshop will take home a Creality K1C 3D printer along with a set of educational resources. The Creality K1C is one of the most versatile, reliable, cost-effective, and upgradable machines in its price point. Not to be outclassed on safety, the Creality K1C comes with one of the industry's most reliable power supplies from manufacturer Meanwell.

David Harmon, Greg Theron, and Greg Fischer all have a passion for 3D printing and have supported the Lethbridge Public School Division over the past 4 years, implementing and supporting 3D printing in the classroom. All 3 presenters prove to be active members of the maker community in which they offer support on many levels (locally and internationally).

Registration fee includes:

- ? Creality K1C Printer
- ? 500g Spool of PLA (assorted colors) opened during session
- ? In-depth instruction on slicing software
- ? Basic use of CAD
- ? Other tips and resources on using 3D printing in education

Presenters

David Harmon

David Harmon is a dedicated Network Security Analyst with expertise in safeguarding enterprise networks and ensuring compliance with security standards. With a strong background in penetration testing, red team operations, threat detection, vulnerability management, and incident response, David plays a key role in maintaining secure and resilient systems. Known for a proactive approach to risk mitigation and a passion for cybersecurity innovation, David collaborates closely with technical support teams and stakeholders to deliver robust security solutions.

When not analyzing network traffic or implementing security protocols, David stays engaged with emerging trends in cybersecurity and enjoys contributing to initiatives that strengthen organizational defenses.

Greg Theron

Greg Theron is a Senior Technology Professional with the Lethbridge School Division, bringing over 27 years of dedicated experience in the K-12 education sector. His long tenure has provided him with deep expertise in integrating technology to enhance learning and operational efficiency within schools.

Greg is deeply passionate about 3D printing and its potential for innovation and creativity. He actively shares this enthusiasm as the co-host of the popular YouTube channel, 3DMakelt, alongside David Harmon. Through their channel, they explore various aspects of 3D printing, from beginner tutorials and innovative projects to in-depth hardware reviews, fostering a community of makers.

In this workshop, Greg will draw upon his extensive technological background and hands-on 3D printing experience to guide attendees through practical techniques, educational applications, and the exciting possibilities of additive manufacturing.

Greg Fischer

Greg has been with Lethbridge Public School Division for 15 years and has been looking for something new in IT that he could get passionate about.

Greg's first printer was a damaged recycled printer and after troubleshooting for many hours and was intrigued by how much could be done with a 3D printer. This has developed a passion for 3D printing. He loves to share his knowledge and passion in the classroom. He enjoys modeling in Tinkercad and 3D builder. Greg believes in keeping his class projects simple. He has demoed many of the 3D printers that are in uses in the school division. He enjoys working with staff on the classroom applications of 3D printing.

