Olds College upgrades the learning experience with Sony

Olds College installs Sony BRAVIA Professional Displays, SRG-X400 cameras, and VPL-FHZ80 Laser Projectors to improve classroom capture and viewing capabilities for animal health and agricultural programs.

How we helped

The Challenge

- Provide a more interactive and collaborative learning environment for students
- Improve classroom connectivity with remote participation and presentation options
- Allow students to observe procedures through specialized treatment rooms with cameras and displays
- Enable new teaching and learning capabilities, and increase student capacity

The Solution

- 12 VPL-FHZ80 Laser Projectors, 10 SRG-X400 4K NDI cameras and more than 20 Sony BRAVIA Professional BZ30L 70- and 75-inch Displays were installed across two buildings
- Classrooms and labs were equipped to facilitate remote viewing and recording of surgical procedures and lectures, and support classroom presentations and collaborative discussions
- Additional displays are used for break-out meeting rooms and digital signage throughout the buildings
- Collaboration with Applied Electronics LTD to ensure high-quality results, on time and in line with the school's expectations

The Outcome

- Well-outfitted classrooms and labs that leverage Sony cameras and displays to improve student experience and facilitate learning
- HD footage of classes and procedures is recorded for future course materials and to improve observation access for students
- Students can experience live images and audio on large, impressive displays just outside surgery rooms
- Each room is expertly designed to optimize viewing and content sharing, allowing any signal to be seamlessly displayed on any screen across all classrooms
- The technology is utilized during student open-house tours, facilitated by advanced AV over IP transmission
- Improved security, privacy and control, with permissions to access footage and assigned presets to keep content private

> "We're capable of doing so much more now in terms of classroom presentation, viewing flexibility, network connectivity and interactive collaboration."

Joe Guenther
IT Director at Olds College

Sony technology offers students more

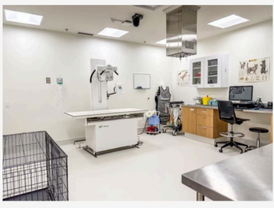
Olds College of Agriculture & Technology is giving students a new perspective thanks to a combination of Sony Displays, PTZ cameras, and laser projectors, all connected via the school's NDI network. Deployed across one newly built and one entirely refurbished facility, this Sony technology offers immersive education and enables new teaching and learning capabilities.

An interactive and collaborative learning environment

The new Sony AV systems were installed to provide a more interactive and collaborative learning environment and increase Olds College's student capacity. Improved classroom connectivity facilitates remote participation and presentations, while the cameras and displays in specialized treatment rooms allow more students to observe procedures.

Maximizing viewing options without compromising on security and privacy

Technical innovation meets improved security and control, as every camera connects into the network switches and every destination comes out of the network. Recordings are saved to a shared drive that only authorized users can access, prioritizing privacy and user access.

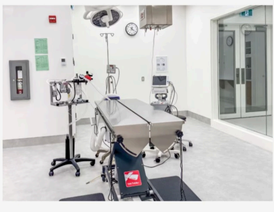


Cutting-edge diagnostic lab

With four 75-inch displays and a ceiling-mounted SRG-X400 4K NDI camera, the diagnostic lab is a prime example of how Sony technology benefits students. The camera captures up to 4K resolution images with excellent sensitivity, very low noise and rich, natural color reproduction. With these displays, students can clearly see what the teacher is presenting, even if they are facing the back of the room and looking at their microscopes.

Clear advantages beyond the classroom walls

Olds College instructors have fully embraced the technology's use and benefits, boosting learning and also offering a clear competitive advantage for attracting new students and experienced faculty. The high-quality, easy-to-use technology has increased student enrolment without diminishing the quality of hands-on learning, supporting a comprehensive learning experience and further enhancing students' practical skills and career readiness.



About us | SEL Privacy Policy | CA Privacy Notice | Do Not Sell or Share My Personal Information | Manage Cookies | Site Map | © 2004 - 2026 Sony Electronics Inc. - Terms and Conditions of Website Use