

DemoFest

Centre for Teaching, Learning, & Innovation (CTLI)



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Guide

December 3, 2014

10:00 - 11:30

JIBC New Westminster - Main Floor Atrium

Welcome to JIBC DemoFest 2014!

There is so much amazing work being done at JIBC incorporating educational technology so we're hosting another JIBC DemoFest!

DemoFest is a great opportunity to showcase your work, gain recognition, and get feedback from fellow faculty and staff. You might even win a JIBC DemoFest Award, based on the voting of your colleagues at the event.

Each project has been assigned to one of the following categories:

- Video
- Emerging Technologies
- Open Courses/Materials
- Simulations

Demonstrators will sit at breakout tables located throughout the atrium and, in C133 and C227 (see the map in this guide for locations) with their laptop or other device to display their work.

Attendees wander from table to table to see and discuss projects they are interested in.

Voting will be available for attendees to vote for their favourite demo in each category. Voting can be done on one of the iPads at the DemoFest info table.

If you rsvp'd to the event, you will be entered in the DemoFest raffle to win prizes.

Enjoy the event!

Special Thanks

We would like to give special thanks to Tech Services, Facilities, Volunteers and our DemoFest Presenters for their support in running this event.

Demo Listing

Video

- 01 Videoconferencing Classroom
- 02 ESS Documentation Unit Explained
- 03 SimMon/Go Pros
- 04 PTEC Tablets for Motorcycle Program

Open Courses/Materials

- 10 Winter Driving
- 11 Police Guide
- 12 Practice Education Resource Centre
- 13 HazMat iBook

Emerging Technologies

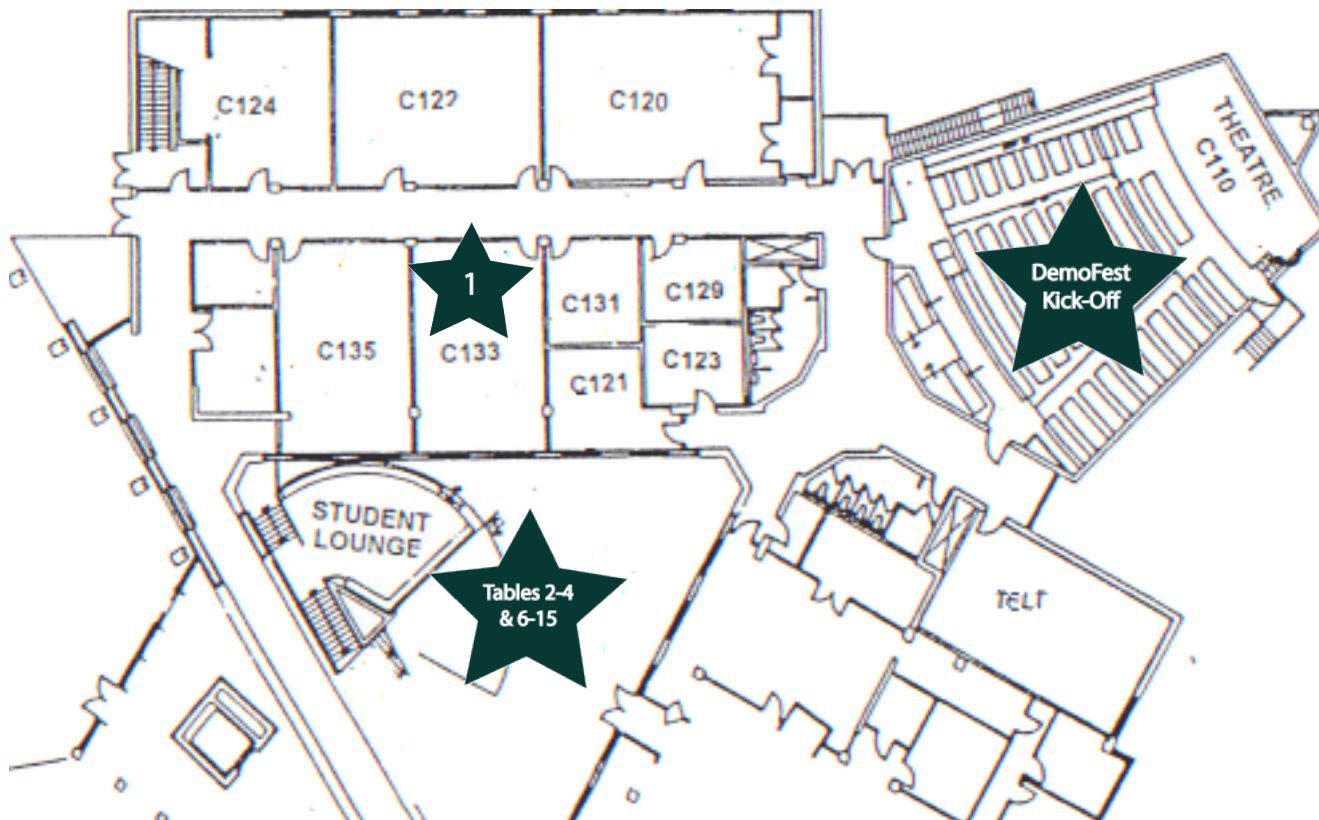
- 05 Classroom of the Future
- 06 Workplace Bullying
- 07 BC Victim Services
- 08 iPads in the Classroom
- 09 Blackboard Exemplary Course Winner

Simulations

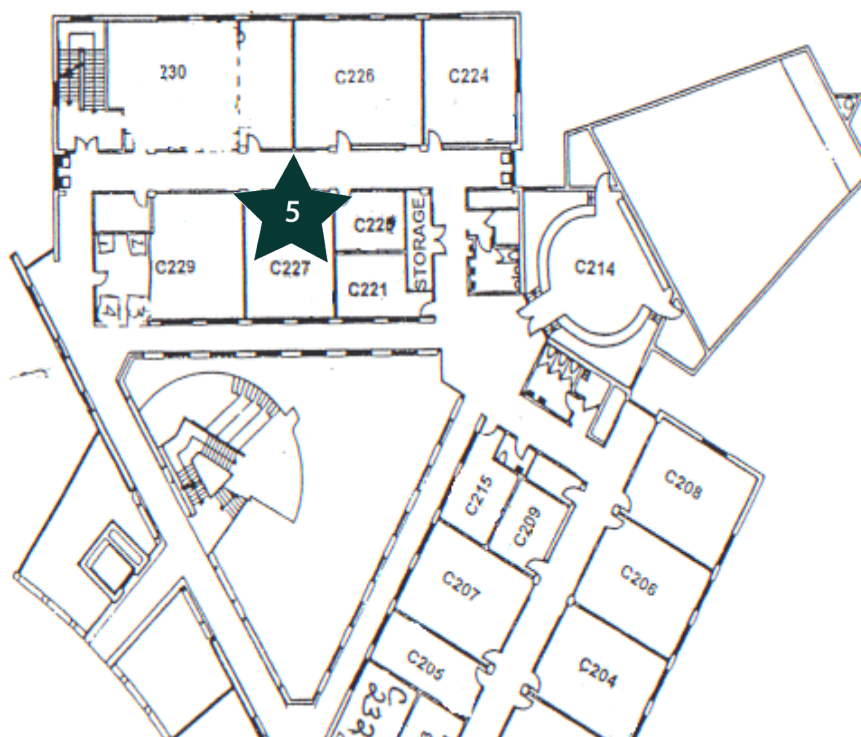
- 14 UBC Simulation
- 15 Multi-Agency Sim Day

Table Map

First Floor



Second Floor



Video

Table: 01

Project: Videoconferencing

Presented by: Simon Chau

Program/Course:

ACP & LESD

Authoring Tools Used:

Polycom Videoconferencing

Why was this project needed?

To link three campuses so students and staff can now join each other in classrooms and at meetings regardless of whether they are in Victoria, New Westminster or Kelowna.

Problems or Challenges Faced:

- Classroom lighting, ventilation, and security.
- Requires curriculum change and instructor training
- Tech support had to be negotiated.
- Issues around privacy, intellectual property and licensing.

Lessons Learned:

- The opportunity to reach more students with access to subject matter experts in regions where the equipment is installed.
- Reduced travel costs thereby saving time and money for JIBC and students outside the Lower Mainland.
- A potential for collaboration between staff at the JIBC's satellite campuses in conducting meetings or other business.



Table: 02

Project: ESS Documentation Unit Explained – Before a Disaster

Presented by: Eva Yip

Program/Course:

Emergency Social Services (ESS)

Authoring Tools Used:

Powtoon; images from Common Craft

Why was this project needed?

The half day course became obsolete and ESS responders still needed to learn the information about what to do with the paperwork so we worked with the core client to come up with a solution that is accessible and sustainable – a short video to be hosted on YouTube.

Problems or Challenges Faced:

- Time consuming to create videos.
- Finding images to illustrate video.
- Powtoon program has publishing limitations due to length of the video and amount of images required.

Lessons Learned:

- Research what the programs are capable of doing and decide whether it's the right tool to create what is needed.
- Powtoon is perfect for short videos under a few minutes but for videos that are longer, would present more of a challenge.
- Ideally, if there was a budget to purchase images, that would help with creating the video faster.

Table: 03

Project: SimMon/GoPros

Presented by: Robbin Norgren

Program/Course:

ACP

Authoring Tools Used:

Blackboard, GoPros, SimMon App, iPad, Simpads with Code Kelly Mannequins, Videoconference

Why was this project needed?

- Recording evaluations and plan to introduce to class simulation practice for feedback/reviews.
- To increase fidelity of sims with Code Kelly's that are capable of delivering breath and heart sounds.

Problems or Challenges Faced:

- Faculty and students becoming comfortable using and becoming proficient with new technology.
- VC requires change in teaching methods and lecture formats to accommodate for attention and engagement issues.

Lessons Learned:

- Need additional support in maintaining, teaching and supporting faculty and students with technology use.
- Find and provide specialty sessions/workshops on effective use of technology.

Table: 04

Project: PTEC Tablets for Motorcycle Program

Presented by: Billie Byers

Program/Course:

Motorcycle Training Program – Pacific Traffic Education Centre

Authoring Tools Used:

Ipad, Apps – Adobe PDF Expert

Why was this project needed?

- Challenges with documentation.
- Instructor reference material storage.
- Providing student feedback.

Problems or Challenges Faced:

- iPad training for the instructors.
- Determine the best App for the documents.
- Generating PDF fillable documents.

Lessons Learned:

- The iPad is a great instructional tool not only for the video playback for student feedback but also for the student evaluations forms.
- More efficient for the instructor and student.
- The tablets are wonderful portable productivity stations for the instructors.

EMERGING TECHNOLOGIES

Table: 05

Project: Classroom of the Future

Presented by: Naz Maghsoudi

Program/Course:

All programs and courses at JIBC

Authoring Tools Used:

TV screen, wePresent

Why was this project needed?

- Many of the classrooms at the New Westminster campus have no technology to display content.
- Enables an instructor or a student in the classroom to display content from their laptop or tablet on a large screen with audio.
- High cost of existing equipment/installation

Problems or Challenges Faced:

- Many alternatives to go through and test.
- Most products didn't have a friendly user interface.

Lessons Learned:

- This is a pilot that has just launched! We welcome your comments and feedback.



Table: 06

Project: Workplace Bullying

Presented by: Florence Daddey

Program/Course:

Workplace Bullying: What You Need To Know!

Authoring Tools Used:

Storyline, Blackboard

Why was this project needed?

- Recent changes to the Workers Compensation Act (via Bill 14) requires that by November 1, 2014; BC employers and employees must be ready to actively recognize and address bullying and harassment in the workplace.

Problems or Challenges Faced:

- Started developing in Blackboard and switched to incorporate Articulate.
- Re-writing content to make the content simple, succinct, and interactive.
- Video interviews required a lot of editing time.

Lessons Learned:

- Video editing process was time intensive.
- There was particular concern around "look and feel" given the corporate/broad target audience.
- Advantage of working collaboratively with CTLI and program area to leverage expertise.

SIMULATIONS

Table: 07

Project: BC Victim Services

Presented by: Susan Forest

Program/Course:

BC Victim Services Online Training

Authoring Tools Used:

Blackboard, Articulate Storyline, QuestionMark

Why was this project needed?

- Currently no online training available to Victim Service Workers in BC.
- Provides new Victim Service Workers background and some foundation to do their work.
- Modified from the Alberta Victim Services course developed a few years ago.

Problems or Challenges Faced:

- Adapting existing material to meet the needs of the BC audience.
- The course is in the final stages of development for rollout in early 2015.

Lessons Learned:

- Strong project management skills have been essential to keeping this project on track.

Table: 08

Project: iPads in the Classroom

Presented by: Jessica Motherwell

Program/Course:

LESD105: Law Enforcement in a Diverse Society

Authoring Tools Used:

iPads – Comic Book Apps, Blackboard App

Why was this project needed?

- Create a fun assignment where students could create a diversity-friendly comic book on the iPad.
- Students to complete short assessments or reflections using the iPads.

Problems or Challenges Faced:

- WiFi capabilities.
- Student learning curve with the iPads and Blackboard.

Lessons Learned:

- Students being able to share their comics on the fly.
- Students' improvising with their iPads and exercising their newfound power to teach each other.
- The creation of a "democratized classroom" where everyone was at once the teacher and student.

OPEN COURSES/MATERIALS

Table: 09

Project: Blackboard Exemplary Course Winner

Presented by: Melanie Meyers

Program/Course:

ESM341: Introduction to Intelligence Analysis

Authoring Tools Used:

Blackboard, Curatr

Why was this project needed?

- This course is an elective within the Bachelor of Emergency Services Management program.

Problems or Challenges Faced:

- There were very few challenges or problems developing this course, largely thanks to a knowledgeable, creative and committed SME/instructor

Lessons Learned:

- Simple course design with clear instructions in Blackboard in addition to engaging course assignments and activities can make for a great teaching and learning experience.

Table: 10

Project: Winter Driving

Presented by: Melanie Meyers

Program/Course:

Winter Driving Safety Online Course

Authoring Tools Used:

WordPress, LearnDash, BadgeOS, LD Notifier (custom plugin), Powtoon, ProShow Producer

Why was this project needed?

- Raise awareness and change attitudes among supervisors and employers regarding winter driving.
- This course builds upon the employer toolkit developed located at shiftintowinter.ca.
- WorksafeBC's aim is to provide an open and accessible course for all employers in BC.

Problems or Challenges Faced:

- Still in development (pilot in early 2015).
- Customizing WordPress.
- We have developed a custom WP plugin that can be used in the future.
- Gained experience using other WP tools.

Lessons Learned:

- Certainly there will be more lessons to come, however, the main lesson so far has been what we can and cannot do with LearnDash.

Table: 11

Project: Police Guide

Presented by: Greg Neufeld

Program/Course:

Police Academy

Authoring Tools Used:

WordPress

Why was this project needed?

- To assist police officers with identifying and considering legal issues pertinent to their investigation, and to prepare articulate reports to Crown Counsel that address the legal issues required for successful prosecution of the most common criminal offences.

Problems or Challenges Faced:

- Simple enough to not overwhelm user
- Legal books are often measured in volumes and are longwinded, convoluted and contain unfamiliar vocabulary and grammar.
- Complex enough to stimulate intellectual application of law to complex & difficult situations

Lessons Learned:

- Start with simple information and move towards complexity letting user's drill further into the site for more detailed information. This allows users to find the level of complexity they need.
- Define legal terms.
- Demo and advocate for the plain English principle of law.

Table: 12

Project: Practice Education Resource Centre

Presented by: Sarah Foster

Program/Course:

Health Sciences Division

Authoring Tools Used:

WordPress, Camtasia

Why was this project needed?

- A need was identified for a Practice Education resource to provide support and training for Practice Educators involved with HSD students across the Province.

Problems or Challenges Faced:

- Identifying our audience.
- Identifying existing resources.
- Identifying resources that needed to be built.
- Protecting time to build new resources.
- Selecting and setting up theme.
- Plug Ins needed to be installed by Tech Services.

Lessons Learned:

- Allocate enough time to gather content and information.
- Get all the members involved in the project as soon as possible to create excitement.
- Choose a WordPress Theme that provides as much functionalities as required.
- Use plug-ins for the missing functionalities of the theme.

SIMULATIONS

Table: 13

Project: HazMat iBook

Presented by: John Lehmann

Program/Course:

HazMat Awareness (HZM100)

Authoring Tools Used:

iBook Author

Why was this project needed?

- Following the success of the Hazmat Awareness app produced last year, there was a need for a reference publication for both students taking the course and 1st responders in the field.

Problems or Challenges Faced:

- Only available on iPad, so limits who can download.

Lessons Learned:

- Probably best to also create an ePub version so other devices can download.

<https://itunes.apple.com/ca/book/hazardous-materials-awareness/id922283836>

SIMULATIONS

Table: 14

Project: UBC Simulation

Presented by: Bob Walker

Program/Course:

UBC/JIBC Interprofessional Health Simulation (Praxis)

Authoring Tools Used:

Praxis, Multimedia

Why was this project needed?

- JIBC was approached by UBC Faculty of Medicine to collaborate on developing a Praxis simulation that would allow students from various health-related professions to collaborate on an interprofessional scenario.

Problems or Challenges Faced:

- The complexity of bringing together so many health professionals to design the scenario.

Lessons Learned:

- Interprofessional scenarios require an extended development time.

Additional Information:

The scenario involves an elderly woman who falls in her home and is brought to a hospital emergency room by paramedics. She's met by nursing staff who gather basic information about the patient. Within a short period of time, several health care specialists assess her condition to determine the best course of treatment after consulting each other and with the woman's family.

Praxis was enhanced to allow for a special medical information application to be used within Praxis.

Table: 15

Project: Multi-Agency Simulation Day

Presented by: Kathy Harms

Program/Course:

PCP, ACP, Police, LESD, Douglas College Bachelors of Nursing and Psychiatric Nursing Programs

Authoring Tools Used:

Mobile Medical Unit, Rix Building Sim Gym, Patient Simulators, Moulage Kits, Training Ambulance, Various Medical Equipment, GoPros, Video Cameras

Why was this project needed?

- The graduates of our health and public safety programs need to be prepared to work as part of an interprofessional team when they enter their fields.
- Important that we provide opportunities to learn with, about and from the allied professions who will be their colleagues in the real world.

Problems or Challenges Faced:

- Scheduling!! Finding a point where all the participating programs were at appropriate points in their respective programs to maximize their participation and learning was a significant challenge.

Lessons Learned:

- As we are conducting research on the student experience around the inter professional aspect of the simulations, much of the feedback will be surfaced through analysis of the data collected.
- At a high level, we learned logistical and timing lessons in the first simulation of the day, that we were able to apply to the afternoon simulation for a smoother experience for the simulation participants. All part of the experiential learning cycle!