



**The University of Western Ontario
HISTORY 9832B**

**Interactive Exhibit Design
Winter 2018-19**

Wednesdays 3:30-6:30pm, SSC 3116 (Turkel Lab)

Instructor: William J. Turkel

Office Hours: by appointment

Department of History, Office: Lawson Hall 2267

Email: wturkel@uwo.ca

Course Description:

History 9832B is a studio course on interactive exhibit design, intended primarily for public historians and digital humanists. **Preference will be given to Public History students or graduate students in the digital humanities, but open to other graduate students with the instructor's permission.**

Course Syllabus:

Students will learn how to create interactive exhibits through a series of hands-on projects that teach the basics of interaction design, physical computing, and desktop fabrication. No prior experience is necessary. Attendance and participation at all class sessions is expected.

Course Materials:

You should bring a laptop (Mac, PC or Linux). All other tools, equipment, materials and software will be supplied.

Methods of Evaluation:

In this course you will be graded on your documentation of the design process (25%), the project(s) that you develop (50%), and your presentations in multiple media (25%). Your final grade will reflect how much you've learned or accomplished in this course, rather than any overall level of technical attainment.

Course Schedule and Readings:

N.B. This is a representative list of topics, but the schedule will be adjusted to accommodate student interests and projects.

- Kits for cultural history; Brainstorming

- Storyboards; Makedo
- Design thinking, affordances and ambiguity; interfaces; seamless and seamful design; MaKey MaKey
- Sensing with Phidgets in Processing
- Minimal computing and microcontroller platforms; Arduino
- Introductory electronics; littleBits
- Designing in 3D; 3D printing demo; packaging and popup books
- Mechanical design; VEX and MicroRax; hi-low technology
- Work on final projects and project demonstrations

Additional Statements

Academic Offences:

Scholastic Offences are taken seriously and students are directed to read the appropriate policy, specifically, the definition of what constitute a Scholastic Offence, at the following Web site:

http://www.uwo.ca/univsec/pdf/academic_policies/appeals/scholastic_discipline_undergrad.pdf

Accessibility Options:

Please contact the course instructor if you require material in an alternate format or if you require any other arrangements to make this course more accessible to you. You may also wish to contact Services for Students with Disabilities (SSD) at 519 661-2111 x 82147 for any specific question regarding an accommodation.

Information regarding accommodation of exams is available on the Registrar's website:

www.registrar.uwo.ca/examinations/accommodated_exams.html

Medical Issues

The University recognizes that a student's ability to meet his/her academic responsibilities may, on occasion, be impaired by medical illness. Please go to:

https://studentservices.uwo.ca/secure/medical_accommodations_link_for_OOR.pdf

to read about the University's policy on medical accommodation. This site provides links the necessary forms. In the event of illness, you should contact Academic Counselling as soon as possible. The Academic Counsellors will determine, in consultation with the student, whether or not accommodation should be requested. They will subsequently contact the instructors in the relevant courses about the accommodation. Once the instructor has made a decision about whether to grant an accommodation, the student should contact his/her instructors to determine a new due date for tests, assignments, and exams.

Students must see the Academic Counsellor and submit all required documentation in order to be approved for certain accommodation: http://counselling.ssc.uwo.ca/procedures/medical_accommodation.html

Support Services

Students who are in emotional/mental distress should refer to Mental Health@Western, http://uwo.ca/health/mental_wellbeing/ for a complete list of options about how to obtain help.

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If you have any further questions or concerns please contact, Heidi Van Galen, Administrative Officer, Department of History, 519-661-2111 x84963 or e-mail vangalen@uwo.ca.