

Design Issues: DSGN-4101

Course Code:	DSGN-4101
Course Name:	Design Issues
Semester/ Year:	Winter 202
Day/ Time/ Room:	Monday 1:30 PM - 4:30 PM, Location: N230
Instructor's Name:	Robert Currie
Instructor's Contact Information:	rcurrie@nscad.ca or rcurrie@me.com
Office Location/Hours:	Slack or email
Prerequisite(s)/Corequisite(s):	DSGN-3021
Credit Value:	3 Credits
Class web site:	http://nscad.geneva9.com/

Course description

This seminar addresses the larger as well as the more specific professional concerns of design. Presentations, readings and discussions will cover philosophical, economic, or practice-oriented issues.

Topic: Design for Heritage Interpretation

By the end of the course, students should be familiar with the discipline of natural and cultural interpretation, of the role of the designer in telling stories that relate to place, cultural and natural heritage, and the practical aspects of planning and delivering interpretive projects.

Learning outcomes: Upon successful completion of this course the student will demonstrate the ability to:

- Conduct contextual and media research and critically review.
- Critically analyze and historical, theoretical and practical methods of design practice.
- Demonstrate and articulate how context was analyzed and synthesized into their design concepts.

Please note that each learning outcome must be successfully achieved before a final grade for the course is assigned.

Course goals

- demonstrate an understanding of the aims of interpretation, the complexities of cultural narratives in a multicultural society, and the techniques and media used to tell these stories
- develop and present concepts for telling cultural and natural history in ways they engage, inform and energize
- plan and document interpretative projects.

Student workload: Total student workload for a 3 credit course is estimated to be 9 hours/week.

Course format: This will be conducted online or in person. Weekly online lectures, readings, class discussion, written and visual design assignments and in-class presentations. Students will be expected to attend weekly sessions, participate in class exercises and discussions. All course projects need to be completed in full by the set due dates.

Course requirements, resources, materials: *A variety of readings and other resources will be provided online,. Students should be skilled in using the NSCAD Libraries online collections and databases.*

Students are required to have a Mac or Windows computer capable of running the current version of Adobe Creative Cloud, and a reliable, unrestricted internet connection, and the education version of the Adobe CC suite installed for the duration of the class.

You will need a reliable internet connection. If your internet connection is restricted in any way (such as some web-sites being blocked) it may be difficult or impossible for you to access some course materials.

There may be some additional free software you will need to install on your computer (details will be provided later) so you will need the ability in install programs on the computer you are using.

Readings will be assigned weekly. Information will be provided via the class web site and class Slack:

Interdisciplinary approach:

Interdisciplinary design involves working across traditional boundaries of media and disciplines, and requires a set of intellectual tools that can address a broad set of problems.

Interpretive design is inherently interdisciplinary, as it is not tied to a particular media, and may include interaction design, interior design, architecture and landscape architecture, as well as graphic and exhibit design. Interpretive projects tend to be delivered by interdisciplinary teams of designers and allied professionals, with a broad set of skills. By the end of this course, students will have gained experience in developing interpretive media, and understand how to work with an interdisciplinary team of planners, artists and designers, subject matter experts and fabricators.

NSCAD attendance policy

Class attendance at NSCAD is expected. Absences could result in lowered or failing grades. Absences may require the student to 'make up' the content missed before being allowed entrance to future classes (e.g. safety knowledge for shop, studio). Any absences must be addressed with the course instructor who may request supporting documentation. Please refer to 'Attendance Policy' found on Page 14 of NSCAD Academic Calendar and NSCAD web page. Instructors may adapt a more specific attendance policy that could influence the final grade for this course.

NSCAD University occupational health and safety policy

At NSCAD safety is a priority. All students are required to obtain and maintain up-to-date safety (WHMIS) certification. An on-line Brightspace certification process is available to all NSCAD students.

Please note that your NSCAD ID card needs an up-to-date Health and Safety (WHMIS) sticker to access shops and studios, and for Security to permit you access to the university campus sites after hours. WHMIS training is provided online through students' Brightspace account.

Evaluation criteria:

Completion of all assignments is mandatory. Evaluation will be based on a number of assignments, quizzes, and a major project. Participation in class discussion will also account for a portion of the grade. Assignments and projects will be completed outside of normal instruction hours. Dates and details will be provided as the course progresses. All work must be submitted in English. Each class will include class discussion of assigned readings. Expect to spend significant time on discussion, research and planning of projects and assignments.

Assignments and project: 70%
Class discussion and quizzes . . . 15%
Final quiz. 15%

Grading system: Successful completion of this course requires that students perform to an acceptable standard in reaching the course objectives. This course will be graded as follows:

Letter Grade	Numerical Equivalent	Grade Point Score	Descriptive Term
A+	95 and above	4.3	Excellent
A	90-94	4.0	Excellent
A-	85-89	3.7	Very Good
B+	80-84	3.3	Very Good
B	73-79	3.0	Good
B-	67-72	2.7	Good
C+	63-66	2.3	Satisfactory
C	59-62	2.0	Satisfactory
C-	55-58	1.7	Satisfactory
D	50-54	1.0	Marginal
F(Fail)	49 and below		Unsatisfactory
AUD	n/a	n/a	Audit
INC	n/a	n/a	Incomplete

Academic integrity

A climate and culture of academic integrity is an expectation of everyone. Students at NSCAD are required to comply with standard academic practices in acknowledging sources in all work presented for academic credit. Please refer to the NSCAD Academic Calendar for the full description and regulations on 'Academic Integrity and Plagiarism'.

Writing Centre

The NSCAD Writing Centre in S403 offers professional tutoring for any kind of written assignment, at any level of study, at any stage of the work. Please see the Writing Centre web page for more information and booking online at <https://navigator.nscad.ca/wordpress/home/studentresources/the-writing-centre/>

Accessibility policy

Accommodations can be arranged for disability-related needs by consulting Bill Travis, Disability Resource Facilitator, in the Office of Student Experience (902-494-8313) within the first two weeks of class. Please refer to the NSCAD Academic Calendar for full details in 'Accommodations for Students Experiencing Disabilities'; or visit the NSCAD Wellness Centre at: <https://wellness.nscad.ca>.

Spiritual/ Religious Observance:

Requests for accommodations for spiritual or religious observances must be presented in writing to the instructor within the first two weeks of class.

Planned Schedule:

- Class 1 Introduction to interpretation
- Class 2 Introduction to interpretive planning
- Class 3 Interpretive media
- Class 4 Telling stories
- Class 5 Visitor experience
- Class 6 Stories in space
- Class 7 Working with communities
- Class 8 From theme to concept
- Class 9 From concept to media
- Class 10 Making it real
- Class 11 Workflow: concept to installation, and beyond
- Class 12 Presentation, planning, documentation
- Class 13: Practicalities
- Class 14: Wrap up/Presentations

Copyright notice:

All materials used in this course and distributed within the Brightspace Course Management System are subject to the Canadian Copyright Act and NSCAD's Use of Copyright Materials Policy. <https://tinyurl.com/y8h3lk8j>

Copyrighted materials include, but are not limited to, the following: recorded lectures, notes, books, poems, essays, articles, audio and video recordings, works of art and images. These materials are to be used only for private study, and research. Creating copies or redistributing these course materials without the permission of the copyright owner may be an infringement of copyright law.

Fair Dealing usage guidelines as outlined in NSCAD's Copyright guide are here: <https://guides.nscad.ca/copyrightpages/fairdealing>

Please see NSCAD's Copyright Guide for guidelines and contact information

<https://guides.nscad.ca/copyrightpages/home>

Territorial Acknowledgement

Teaching and learning at NSCAD takes place in Mi'kma'ki, on the ancestral and unceded territory of the Mi'kmaq Nation. This territory is covered by the "Treaties of Peace and Friendship" which Mi'kmaq and Wolastoqiyik (Maliseet) peoples first signed with the British Crown in 1725. The treaties did not deal with surrender of lands and resources, but in fact recognized Mi'kmaq and Wolastoqiyik (Maliseet) title and established the rules for what was to be an ongoing relationship between nations.

Equity, Diversity, and Inclusion

At NSCAD University, we share a commitment to equity, diversity, and inclusion (EDI), as expressed in NSCAD's new EDI Targeted Action Plan. This Action Plan will be used as a guide to ensure EDI principles are prioritised throughout all of

NSCAD University. We are committed to an equitable experience for our entire community, in our learning and creative practice, our freedom from discrimination based on race, gender identity, sexual orientation, religious affiliation, ability, age, and other forms of discrimination. We are committed to ensuring that the diversity of Canada is reflected in every aspect of our activities and that everyone is welcome and united by a sense of belonging at NSCAD University.

NSCAD Covid-19 Update

NSCAD University is highly committed to ensuring the health and safety of its entire community – students, faculty and staff. The protocols which have been put into place are based on advice provided by Nova Scotia Health regarding COVID-19, the Nova Scotia Department of Advanced Education, as well as on best practices as discussed by CONSUP and other Atlantic university consortia.

As a member of the NSCAD community, it is our collective responsibility to familiarise ourselves with our Safe Return to Campus Policy and to abide by the protocols and regulations contained therein. Our Plan provides for a multi-layered approach, which will provide our community with measures of health and safety protection while attending classes, studios, and working on campus. These protocols apply to anyone visiting the Fountain, Port and Academy campuses, NSCAD grounds or attending a NSCAD-sponsored activity.

As a precautionary measure in view of recent public health events, we are making some modifications to our academic dates, as described below:

- **January 10 – Start of classes. Classes will begin online.**
- **January 17 – Return to in-person classes on campus.**
- January 17 – Last day to add a course.
- February 1 – Courses dropped begin to be recorded.
- February 1 – In-Service day (no classes).
- February 22-25 – Reading Week remains unchanged.
- March 2 – In-Service day (no classes).
- March 18 – Last day to drop courses.
- March 31 – In-service day (no classes).
- April 15 – Good Friday (no classes).
- April 18 – Easter Monday (no classes).
- April 27 — Last date of scheduled classes.

Attendance Policy

To achieve this course's learning objectives, students are required to attend and participate in classes, according to your instructor's requirements. For studio and non-lecture courses: many of the topics and content delivered in this course will be taught through class demonstrations, discussions, and activities. As such, your attendance and participation are essential to your successful learning process. However, students should NOT attend in person classes if they are experiencing symptoms consistent with COVID-19, if they have been in any sites where COVID-19 cases have been detected/identified, if they have been diagnosed with COVID-19, or if they are feeling unwell.

Students should familiarise themselves with their course's attendance policies and pay special attention to their instructor's guidelines regarding attendance requirements. Your instructor will provide information on the attendance policy specific to this course. In case of illness or COVID-related symptoms, please contact your instructor immediately by email to discuss options for completing your course work.

Students will not be penalised for having to self-quarantine if required to do so. In this event, course materials and assignment will be made available for completion in an alternative way to be communicated to you by your instructor.

Need support/help?

NSCAD is aware of the challenges caused by COVID-19 and is concerned about our students' health and well-being. Here are some resources to help you have a successful and productive academic term:

COVID-19 Information and Updates : <https://nscad.ca/covid-19-information-and-updates/>

Accessibility and Wellness Services: <https://navigator.nscad.ca/wordpress/wellness/>

Mental Health and Wellbeing: <https://navigator.nscad.ca/wordpress/home/academicsadministration/occupational-health-safety/>

Counselling and Psychological Services: <https://navigator.nscad.ca/wordpress/home/academicsadministration/occupational-health-safety/>

Writing Centre – PLEASE WATCH FOR SPECIAL WORKSHOPS TO BE ANNOUNCED IN EARLY WINTER 2022 TERM https://nscad.ca/student_life/writing-centre/

Financial Aid: <https://nscad.ca/current-students/student-resources/scholarships-and-bursaries/>

SUNSCAD Food Bank: <https://sunscad.org/food-bank/>

The Learning Commons <https://navigator.nscad.ca/wordpress/home/services/learning-commons/>

Design Students' Personal Hardware, Software, English Language Settings (HSELS) Requirements:

If you are considering buying a new computer you may want to review the document attached to this outline, which sets out the requirements for a computer for design courses at the **2000 level and above**. It does not apply to this 1000 level class.

Design Students' Personal Hardware, Software, English Language Settings (HSELS) Requirements:

Required computer hardware

Apple computers are the predominant choice for the design profession, and that's why the Division of Design instructs using Apple technology. Students are required to purchase a laptop (a MacBook Pro is strongly recommended) and specified software prior to commencing the program.

All current Apple MacBook Pros can run the required software for the Design program. Students should consider buying an Apple laptop with the fastest available processing speed, along with any RAM upgrade that the student can afford to buy. 16GB of RAM (or more), and at least 512GB of flash storage are recommended for new laptop purchases. In the long run, the initial expense for greater RAM and storage will be offset by improved software performance and lifespan.

If the student already owns or vastly prefers a Windows-platform laptop that is powerful enough to serve, the Division of Design has no objection to using it. However, the bulk of faculty and technician experience is Mac-based; issues with a Windows machine will not be resolved by NSCAD. The student will be responsible for managing any cross-platform issues that arise. Furthermore, a student's inability to complete specified course work due to working on a Windows-platform laptop will not be an acceptable excuse for failing to meet a course's requirements; this situation could cause a student to receive a below average grade, if not fail a course.

Where to purchase:

Canadian-based students can configure and purchase an Apple laptop online, via Apple's Online Higher Education Store at https://www.apple.com/ca_edu_93120/store. Students outside of Canada can select their country-specific online store at <https://www.apple.com/choose-country-region/>.

Students can also visit an Apple retail store, if preferred. If shopping in person make sure to mention that it is an educational purchase (be sure to have proof of enrollment or student ID).

If a student is purchasing elsewhere, prices should be compared with Apple; generally, Apple's educational pricing offers the best value.

Please note—Extended warranty coverage:

Students are strongly encouraged to purchase the AppleCare Protection Plan, rather than other service plans offered by certain retailers. More information is available here: <https://www.apple.com/ca/support/products/mac/>

Required Adobe software

NSCAD has a low-cost, all-access pass for students to the Adobe Creative Cloud. <https://nscad.brightspace.com/d2l/le/content/6606/viewContent/124039/View>

Students will install at a minimum: Adobe InDesign, Adobe Illustrator, Adobe Photoshop, and Adobe Acrobat Pro. Other applications may be needed for future courses but those four are the core applications in the degree program. While there are many other graphic design software packages available, knowledge of the Adobe suite is currently a requirement for the design profession.

Apple computers come standard with their office software suite: Pages, Keynote, and Numbers. These programs open and edit equivalent Microsoft Office files.

NSCAD software licenses (applicable to Winter 2022 Term):

Adobe licenses are available for all NSCAD students.

Required and recommended hardware and internet service plan:

Hardware accessories. Students are encouraged to buy a mouse to go with their laptop; many students find working solely with the trackpad challenging. If the student works with a 3D modeling software, such as Autodesk Rhino, a mouse will be necessary. Drawing Tablets (\$99.95 and up) are useful tools but not required. Some packages include a tablet, mouse, and stylus.

External monitor for laptop users. *Many students with laptops report frustration when working in design applications with dense or cluttered UIs (user interfaces: floating panels, tools, etc.). The Division of Design recommends that laptop users consider purchasing an external monitor compatible with the capabilities of their computer. A minimum recommendation would be an inexpensive flat panel display with a native resolution of at minimum 1920 pixels by 1080 pixels (HD). These displays typically measure 21.5–27 inches diagonally, with prices starting around CAD\$120.*

Data backup. *It is critical that all students have a reliable backup strategy. Data backup is part of workflows in all professional design practices, for this reason a data management routine needs to be part of a student's plan for completing and keeping all course work. The following backup strategies afford quick data recovery, particularly at the greatest moment of need:*

Cloud-based storage, such as Dropbox, OneDrive, or Google's Backup and Sync ensures that work/data is safe and always acces-

sible, for example, if a student's hardware is damaged beyond repair, or lost due to theft they can resume working with new equipment in minimal time.

Another strategy is an external, directly connected hard drive. **Apple users** should set their external drive to automatically backup using Apple's free Time Machine utility. See <https://support.apple.com/en-ca/HT201250> for setup steps.

Windows 10 users should consider Microsoft's free Backup and Restore utility. See <https://support.microsoft.com/en-us/windows/backup-and-restore-in-windows-10-352091d2-bb9d-3ea3-ed18-52ef2b88cbef>

Please note that some professors may not grant a project extension if an assignment is lost due to the absence of an active backup process.

Minimum recommendations for internet access speed. Successful online participation with fellow students, faculty, and remote tools and resources can be frustrating if a student's internet access speeds are low. It is recommended that an internet service plan with a minimum download speed of 20 megabits per second (Mbps), and a minimum upload speed of 8-10 Mbps. There are free internet speed test websites that will measure your download and upload speeds, such as speedtest.net and fast.com. NSCAD recognizes that internet access speed might be beyond student control, due to geographical considerations, budget, limited service provider offerings, etc.

Required: English language operating system and software (international students):

All students are required to have an English language operating system on their laptop with all software operating in the English language.

If a student is using an existing computer and software that both meet the requirements listed in this document but it does not operate with the English-language setting, they will need to visit a computer service/repair shop to have it properly initialized in the operating system and software. If the student is residing in Halifax, this must be done locally, see the following list of service providers:

Halifax Computer Repair Shops, Assessment fee: \$45 — \$95 (base charge):

Century Computer 902-423-2500

Brilliance Computers 902-453-0050

Halifax Computer Repair 902-444-2615

NSCAD University does not service or repair computer hardware or software.

NSCAD financial support/Student bursaries:

NSCAD is committed to eliminating barriers to acquiring these required hardware and software course tools based on financial hardship. The Office of Student Experience may be able to provide a bursary to students in need. Please contact the Manager of Financial Aid ose@nscad.ca for more information.