The introduction of a general system model to provide a theoretical foundation for systematic solving of design problems is developed. Research, analysis, synthesis and evaluation processes with related methods are employed to develop electronic based communications. Required course for Design major. Prerequisite: FA/YSDN 1006 3.0 or permission of the Department of Design. Note: For students not in the BDes program, compulsory and voluntary supplementary fees apply.

The introduction of a general system model to provide a theoretical foundation for systematic solving of design problems is developed. Research, analysis, synthesis and evaluation processes with related methods are employed to develop electronic based communications. Prerequisite: FA/YSDN 1006 3.0 or permission of the Department of Design. Note: For students not in the BDes program, compulsory and voluntary supplementary fees apply.

Section Responsible Faculty: FA
Section Responsible Unit: YSDS

INSTRUCTOR(S)

<table>
<thead>
<tr>
<th>Name</th>
<th>Section / Format / Term</th>
<th>Contact Email</th>
<th>Contact Phone</th>
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<tbody>
<tr>
<td>Cheung, Mark</td>
<td>Sec. G / STDO / F</td>
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SPECIAL FEATURES

FA/YSDN 2005 3.0 Fall Term 2019
1. Special Features
Prerequisite: FA/YSDN 1006 3.0 or permission of the Department of Design.
For students not in the B.Des program, Compulsory and Voluntary Supplementary Fees apply.

2. Topics and Concepts
Examines and explores the forms of interactivity through designing visual representations of the human computer interface based on the introduction of the developing theories and models of interaction.

Expanded Course Description
This course builds on students theoretical and practical knowledge of visual elements and design principles and extends into the design of interactive media. The course provides a foundation in interaction design principles and
process. Through projects, exercises, lectures, case studies and class readings students learn theoretical and practical aspects of interaction design. Students will be designing web pages, create original content and producing process documents. Lectures in class will give students an understanding of the underlying characteristics and principles of networks, computer programs, digital media and screen based media. Students will explore the expressive potential of the medium in their project work.

3. Course Outcomes
The purpose of this course is to assist students with developing a conceptual and technical and theoretical framework for designing interactive design projects. The specific objectives of this course are that students will be able to:
• Understand the profession of interaction design
• Demonstrate the ability to document a design process in interaction design
• Define, organize and synthesize user feedback and testing
• Analyze and discuss the elements of the user experience
• Develop skills in web programming and prototyping using York

Course Director: Phil Buchanan info@philbuchanan.com
Office Hours: by appointment only
Section M Lab 03: Thursday 16:30–20:30 DB 4028
Instructor: Aaron Wright aaronmw@gmail.com
Office Hours: by appointment only
Section M Lab 02: Thursday 8:30-12:30 4028 DB
Instructor: Katrian Lovrick hello@katrinalovrick.com
Office Hours: by appointment only
Section M Lab 01: Thursday 8:30–12:30 DB 4031
HTML/CSS and prototyping environments
• Understand the underlying working of digital media and digital networks
• Understand computational frameworks of digital media and current technologies

Proper Use of Facilities
Use of the Design facilities and equipment is for the proper completion of assigned design projects only. Privileges may be withheld for improper use. Lateness or incomplete work due to the loss or suspension of privileges is not an acceptable reason for missing deadlines. Students under suspension of privileges must find alternative means to complete projects.
Schedule
See course website for project schedules (link provided in class).

Required textbook
There is no required textbook for the course. Instead instructors will refer to various texts (online and print) as needed throughout the course.

Recommended Readings
The following are useful texts that, though not required, could help you in developing a better understanding of issues related to the content of this course.


Sheridan
Course Director: Mark Cheung mark.cheung1@sheridancollege.ca
Office Hours: by appointment
Section G Lab 02: Thursday 09:00 - 13:00 J223
Section G Lab 03: Thursday 13:30 - 17:30 J223
Instructor: Danielle Alderman danielle.alderman@sheridancollege.ca
Office Hours: by appointment
Section G Lab 01: Monday 13:30 - 17:30 J219
York University / Sheridan College Program in Design
FA/YSDN 2005 3.0
Processes and Workflows: Visual Interaction Design
3 credits | Fall Term | Academic Year 2019/20
YSDN Required Design Practicum
FA/YSDN 2005 3.0 Fall Term 2019

Other Resources
Visual material and case studies in print and video format
are available in the Scott Library and on the web, or owned personally by the instructors. The instructor will add to this list as determined by the class activities.

4. Graded Assessment

The grading for the course breaks down as follows.

Project 1 25%
Project 2 35%
Project 3 35%
Participation, attendance 5%

Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.

This course will consist of a combination of lecture, research assignments, hands-on tutorials and creative production of projects. Emphasis will be placed on the exploration of the contextual meanings of interactive design, visual syntax, visual expression, and documentation of the design process.

When grading individual projects/assignments, you will be graded on four distinct aspects of the work.

1. Concept and Ideas - their originality and relevance to the problem - Lateral Thinking abilities, analysis of project requirements, understanding of the problem and its parameters, goals & objectives.
2. Refinement of the Concept - the ability to take the original idea(s) and develop/improve and apply them - Vertical Thinking abilities, critical evaluation of ideas and solutions.
3. Skills - the technical abilities (understanding & execution) as demonstrated throughout the problem from early sketches to finished state, translation of ideas to visually & technically refined forms.
4. Presentation - the ability to communicate visually, verbally and in written form the systematic and logical direction your synthesis of the problem solving process has taken and appropriateness of the final visual resolution of the project/exercise.

Grading

The grading scheme for the course conforms to the 9-point grading system used in undergraduate programs at York (e.g., A+ = 9, A = 8, B+ = 7, C+ = 5, etc.).

Assignments and tests will bear either a letter grade designation or a corresponding number grade (e.g. A+ = 90 to 100, A = 80 to 90, B+ = 75 to 79, etc.)

(For a full description of York grading system see the York
If an alternative number grade/percentage system is used for assignments or tests, it must be fully described in the course outline.

Students may take a limited number of courses for degree credit on an ungraded (pass/fail) basis. For full information on this option see Alternative Grading Option in the AMPD section of the Undergraduate Calendar: http://calendars.students.yorku.ca/2018-2019/programs/design

Grading System

A+ (9) 90–100% Rare and exceptional work. Thorough knowledge of concepts and techniques and exceptional skill and/or great originality in the use of those concepts/techniques in satisfying the requirements of an assignment/course.

A (8) 80–89% Excellent work. Thorough knowledge of concepts and techniques together with a high degree of skill and/or some elements of originality.

B+ (7) 75–79% Very good work. Thorough knowledge of concepts and techniques together with a fairly high degree of skill in the use of those concepts/techniques.

B (6) 70–74% Good work. Good level of knowledge of concepts and techniques together with considerable skill.

C+ (5) 65–69% Competent work. Acceptable level of knowledge of concepts and techniques together with considerable skill representing the student’s competence to continue and the department’s wish to have the student continue.

C (4) 60–64% Fairly Competent Work. Acceptable level of knowledge of concepts and techniques together with some skill.

D+ (3) 55–59% Passing work. Slightly better than minimal knowledge of required concepts and techniques together with limited skill.

D (2) 50 –54% Poor Work. Representing a lack of effort or minimum knowledge of concepts and techniques, despite completion of required exercises.

E (1) 31–49% Very Poor Work.

F (0) 0–30% Inadequate Work.

Information on Grades and Grading Schemes can be viewed at: https://calendars.students.yorku.ca/2019-2020/programs/design
design
All courses taken at York and Sheridan, including failures, are included in grade point average calculations. To calculate your Grade Point Average please visit: yorku.ca/finearts/sas/gpa.htm
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5. Additional Information
Last Date to Drop Course
November 8, 2019 is the last day that a student can DROP this course without receiving a grade. Financial penalties may be involved and could be assessed depending on the precise date that the course was dropped.
Alternate Exam and Test Scheduling
http://altexams.students.yorku.ca/
Grading Scheme and Feedback Policy
The Senate Grading Scheme and Feedback Policy stipulates that (a) the grading scheme (i.e. kinds and weights of assignments, essays, exams, etc.) be announced, and be available in writing, within the first two weeks of class, and that, (b) under normal circumstances, graded feedback worth at least 15% of the final grade for Fall, Winter or Summer Term, and 30% for ‘full year’ courses offered in the Fall/Winter Term be received by students in all courses prior to the final withdrawal date from a course without receiving a grade. For more info: http://www.yorku.ca/secretariat/policies/document.php?document=86
Important University Sessional Dates
You will find classes and exams start/end dates, reading/co-curricular week, add/drop deadlines, holidays, University closings and more: https://registrar.yorku.ca/enrol/dates/fw19
Manage my Academic record
http://myacademicrecord.students.yorku.ca/
“20% Rule”
No examinations or tests collectively worth more than 20% of the final grade in a course will be given during the final 14 calendar days of classes in a term. The exceptions to the rule are classes which regularly meet Friday evenings or on Saturday and/or Sunday at any time, and courses offered in the compressed summer terms.
Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.
Assignment Submission
Proper academic performance depends on students
doing their work not only well, but on time. Accordingly, assignments for this course must be received on the due date specified for the assignment. Assignments are to be handed in as outlined in the individual project description.

Lateness Penalty
Assignments received later than the due date will be penalized 10% per business day that the assignment is late. Exceptions to the lateness penalty for valid reasons such as illness, compassionate grounds, etc., may be entertained by the Course Instructor but will require supporting documentation (e.g., a doctor’s letter).

Missed Tests
Students with a documented reason for missing a course test, such as illness, compassionate grounds, etc., which is confirmed by supporting documentation (e.g., doctor’s letter) may request accommodation from the Course Instructor. Further extensions or accommodation will require students to submit a formal petition to the Faculty.

Attendance and Lateness
Regular and punctual attendance is required professional behaviour in industry and therefore in this program. Attendance will be taken at the beginning of each class. Students are responsible for letting faculty know ahead of time if they are going to be late for class, or not attending. Being late twice equals one absence. Lateness of more than thirty minutes equals one absence. If a student is absent from four classes during the term, a grade of “F” will be given for the course. Exceptions to the lateness penalty for valid reasons such as illness, compassionate grounds, etc., may be entertained by the Course Instructor but will require supporting documentation (e.g., a doctor’s letter).

Students will be responsible for all academic, financial penalties and consequences resulting from their nonattendance.

Important Course Information for Students
All students are expected to familiarize themselves with the following information:

Academic Honesty & Integrity
YSDN students are required to maintain high standards of academic integrity and are subject to the Senate Policy on Academic Honesty http://www.yorku.ca/univsec/policies/document.php?document=69.

There is also an academic integrity website with complete information about academic honesty. Students are expected
to review the materials on the Academic Integrity website:
http://www.yorku.ca/academicintegrity

Occupational Health & Safety
Students must be aware of ergonomic factors related to the
course work and should practice recommended exercise to
prevent developing occupational related health problems.
Please refer to the following web page for details: http://ergo.
info.yorku.ca/

Accessibility/Disability Services
Both York and Sheridan provide services for students with
disabilities (including learning, mental health, physical,
sensory and medical disabilities) needing accommodation
related to teaching and evaluation methods/materials. These
services are made available to students in all Faculties and
programs at both institutions.

Students in need of these services are asked to register
at both York and Sheridan as early as possible to ensure
sufficient advance notice so that appropriate academic
accommodation can be provided. You are encouraged to
schedule a time early in the term to meet with each professor
to discuss your accommodation needs. Please note that
registering with these services and discussing your needs
with your professors is necessary to avoid any impediment to
receiving the necessary academic accommodations to meet
your needs.

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At York University:
Additional information is available at www.yorku.ca/cds or by
contacting the offices of the disability service providers:
Learning Disability Services - W128 Bennett Centre for
Student Services (BCSS), 416-736-5383,
http://www.yorku.ca/disabilityservices
Mental Health Disability Services - N110 BCSS, 416-736-
5297, www.yorku.ca/cds/mhds
Physical, Sensory and Medical Disability Services - N108
Ross Building, 416-736-5140,
www.yorku.ca/cds/psmds
The York Senate Policy on Accommodating Students with
Disabilities is available at http://www.yorku.ca/secretariat/

At Sheridan College:
Accessible Learning Services
Trafalgar campus, B104, 905-845-9430 ext. 8196
www.sheridancollege.ca/life-at-sheridan/student-services/
accessible-learning-services
Counselling Services
Trafalgar campus, B104, (905) 845-9430, ext. 2557
www.sheridancollege.ca/life-at-sheridan/student-services/
counselling-services
Health Services
Trafalgar campus, B129, (905) 845-9430, ext. 2550
www.sheridancollege.ca/life-at-sheridan/student-services/
health
Ethics Review Process
YSDN students are subject to the York University Policy for the Ethics Review Process for Research Involving Human Participants at http://www.yorku.ca/secretariat/policies/document.php?document=94. In particular, students proposing to undertake research involving human participants (e.g., interviewing the director of a company or government agency, having students complete a questionnaire, etc.) are required to submit an Application for Ethical Approval of Research Involving Human Participants at least one month before you plan to begin the research. If you are in doubt as to whether this requirement applies to you, contact your Course Director immediately.

Religious Observance Accommodation
York and Sheridan are committed to respecting the religious beliefs and practices of all members of the community, and making accommodations for observances of special significance to adherents. Should any of the dates specified in this syllabus for an in-class test or examination pose such a conflict for you, contact the Course Director within the first three weeks of class. Similarly, should an assignment to be completed in a lab, practicum placement, workshop, etc., scheduled later in the term pose such a conflict, contact the Course Director immediately. Please note that to arrange an alternative date or time for an examination scheduled in the formal examination periods (December and April/May), students must complete an Examination Accommodation Form, which can be obtained from at York, Student Client Services, Student Services Centre or online at http://www.registrar.yorku.ca/pdf/exam_accommodation.pdf. Further information on religious observance is available at https://w2prod.sis.yorku.ca/Apps/WebObjects/cdm.woa/wa/regobs

Student Conduct in Academic Situations
Students and instructors are expected to maintain a
professional relationship characterized by courtesy and mutual respect and to refrain from actions disruptive to such a relationship. Moreover, it is the responsibility of the instructor to maintain an appropriate academic atmosphere in the classroom, and the responsibility of the student to cooperate in that endeavour. Further, the instructor is the best person to decide, in the first instance, whether such an atmosphere is present in the class. A statement of the policy and procedures involving disruptive and/or harassing behaviour by students in academic situations is available on the York website http://secretariat-policies.info.yorku.ca/policies/disruptive-andorharassing-behaviour-in-academic-situations-senate-policy/

Entering external design award shows and competitions
In an effort to encourage more students to enter external award shows and competitions, the York/Sheridan Program in Design will reimburse the entry fee for winning entries at outside award shows and competitions, up to $35 (CAD) per piece entered.

To take advantage of this, students must:
• Enter the competition, pay entry fees and postage and arrange for delivery;
• Provide written proof that they have received an award/prize, and
• Provide the original receipts for the entry fee in Canadian Dollars. (If the entry fee was paid in another currency, we require a receipt indicating the exact amount you paid in Canadian Dollars).

NOTE: Students are responsible for any other fees that may be associated with the prize. Please contact Barb Batke (bbatke@yorku.ca) for reimbursement after you receive the award.

Many courses utilize Moodle, York University's course website system. If your course is using Moodle, click here to access it.
Moodle @ York University