EXPANDED COURSE DESCRIPTION
YORK/SHERIDAN DESIGN
School of the Arts, Media, Performance and Design
Design Department
FA / YSDN 3006 3.0 SECTION H
ADVANCED MODELS AND SPECULATIVE INTERFACE
FALL 2019 / WINTER 2020

Last Modified Date: 09/13/2019

COURSE CALENDAR DESCRIPTION

Students broaden their knowledge and understanding of the conceptual principles of organizational structures and methodologies involved in the presentation of information in virtual environments. In a series of projects, students explore various types of data and structural organization models of information. Prerequisites: FA/YSDN 2005 3.0 or permission of the Department of Design. Note: For students not in the BDes program, compulsory and voluntary supplementary fees apply.

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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>March, James</td>
<td>Sec. H / STDO / F</td>
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SPECIAL FEATURES

FA/YSDN 3006 3.0 Fall Term 2019

1. Special Features

Prerequisite
FA/YSDN 2005 3.0 or permission of the Department of Design

A basic knowledge of CSS, HTML, jQuery, Illustrator and Photoshop is required for this course.

Expanded Course Description

Students broaden their knowledge and understanding of the conceptual principles of organizational structures and methodologies involved in the presentation of information in virtual environments. In a series of projects, students explore various types of data and structural organization models of information.

This continued investigation into complex problem solving will emphasize the application of systemic design methods.

This course explores a conceptual design that requires
advanced design/planning committing to the development and creative use of qualitative as well as quantitative information.

Individual and team problem-solving techniques are utilized to identify and analyze problems, develop content, specify needed functions, propose integrated solutions at the system level.

Students learn to use computing technology frameworks not only as production tools but also as a tool supporting design processes.

This course is a combination of projects, exercises, discussions and critiques, lectures, and studio work time.

2. Topics and Concepts

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.


Buxton, Bill. Sketching User Experiences, Morgan Kaufman, 2007


Lupton, Ellen. Type On Screen, Princeton Architectural Press,


3. Learning Outcomes with Examples
Course Learning Objectives
The purpose of this course is to assist students in developing a critical understanding and application of interactive design knowledge and practices.
Successful students will:
• Acquire advanced knowledge in the theories and practices associated with user experience design
• Develop a deeper understanding of interaction design through the research, planning and implementation of self-directed projects
• Build ideation and visualization of concepts into visual forms for clear communication of design goals
• Apply current visual design knowledge and skills to create
York University / Sheridan College Program in Design FA/YSDN 3006 3.0
Advanced Models and Speculative Interfaces: Visual Interaction Design
3 credits | Fall Term | 2019
Design Practicum | YSDN Elective
York
Course Director: Shital Desai sdesai@yorku.ca
Office Hours: Thursday 4004 TEL (by appointment only)
Section A Lab 01: Thursday 16:30-20:30 4034 DB
Sheridan
Instructor: Mark Cheung mark.cheung1@sheridancollege.ca
Office Hours: by appointment
Section G Monday 13:30-17:30 J223
Course Director: James March james.march@sheridancollege.ca
Office Hours: by appointment
Section H Thursday 09:00-13:00 J218
FA/YSDN 3006 3.0 Fall Term 2019
presentation graphics and interface designs
• Create and cultivate a collaborative and positive team work environment
• Undertake independent creative and technical learning and research
• Integrate and extend principles and practices across the design field.
4. Graded Assessment
Evaluation and Grading
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, visual expression, and documentation of
the design process. Final course grades may be adjusted to conform to Program or Faculty grades distribution profiles.

<table>
<thead>
<tr>
<th>Project</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Project 1</td>
<td>40%</td>
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<tr>
<td>Project 2</td>
<td>20%</td>
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<tr>
<td>Project 3</td>
<td>35%</td>
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<tr>
<td>Participation, exercises, attendance</td>
<td>5%</td>
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Important Dates

- Last date to drop a fall term (F) course without receiving a grade: November 9, 2018
- Last date to drop a winter term (W) course without receiving a grade: March 8, 2019
- Last date to drop a full year (Y) course without receiving a grade: February 8, 2019

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 89, B+ = 75 to 79, etc.)

For a full description of York grading system see the York University Undergraduate Calendar – calendars.registrar.yorku.ca/2016-2017/academic/grades/

* 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 Faculty of Fine Arts section of the Undergraduate Calendar - calendars.registrar.yorku.ca/2016-2017/faculty_rules/FA/grading.htm

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: calendars.registrar.yorku.ca/2016-2017/academic/grades/

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

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.

5. Additional Information

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.

Outside Class Activities

During the year, there will be many activities related to Design happening in and around the Toronto area. When information about these events becomes available, it will be announced in class, posted on the Design web site and posted on the notice boards at York/Sheridan. Attendance at these events is highly recommended. Your active participation in field trips, guest lectures and other related events, as announced in class, is expected.

Class Schedule

See class website (link provided in class).

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.

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.

Academic Policies / Information
The Senate Academic Standards, Curriculum and Pedagogy Committee (ASCP) provides a Student Information Sheet (www.yorku.ca/oscr/) that includes:
York’s Academic Honesty Policy (www.yorku.ca/secretariat/policies/document.php?document=69) and Procedures / Academic Integrity Web site (www.yorku.ca/tutorial/academic_integrity/)
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.

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.
http://www.registrar.yorku.ca/enrol/dates/index.htm

*Manage my Academic record
http://myacademicrecord.students.yorku.ca/

FA/YSDN 3006 3.0 Fall Term 2019

*“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.

Additional Information / Sheridan College

• Accessible Learning Services, Trafalgar campus, B104, (905) 845-9430, ext. 8196 www.
Many courses utilize Moodle, York University’s course website system. If your course is using Moodle, click here to access it.

Moodle @ York University