Design Studio One

Eli Blevis, Professor of Informatics

Feifei Liu, Associate Instructor
Mengyi Liu, Associate Instructor
Collin Pfender, Associate Instructor
Adam Prumm, Associate Instructor

Version: 1.0.1 OCTOBER, 2018
Individual Project 2
Select one or more of

In addition to these references, please see the complete listing of additional references, including pictorials from ACM DIS and C&C.
Learning Outcomes

At the end of this class, you should know or have refined your abilities to:

• Know how to thrive in design studio culture.
• How to set up your own project brief or other forms of strategic and tactical design planning, and how to be comfortable in an environment in which you are not provided with a detailed project brief by someone else.
• Use important design theory tools such as Adobe InDesign, Lightroom, and Photoshop, and even how to use tools like MS Word and PowerPoint in more design-savvy ways.
• Understand rudiments and some advanced principles of photography and both digital and traditional photographic tools for the context of HCI and interaction design.
• Understand how to be thoughtful in your use of images and video in interaction design.
• Develop a sense of values-oriented design, particularly in relation to the project themes.

Form of Deliverables

For each group project you will deliver:

1. A pictorial in ACM pictorial format, which you must make in Adobe InDesign:
   http://cc.acm.org/2017/files/Pictorials2017.zip
2. A video (minimum length 3:20 minutes, maximum length 6:40 minutes), which you may make in PowerPoint or another software tool of your choosing.

Now: Optionally, you may form groups for the second project to enter the CHI Student Design competition. In this case, your deliverables must correspond to the formats specified by the instructions for that competition: https://chi2019.acm.org/authors/student-design-competition/

This year, there are two individual projects, due in W2 and W8. Each involves creating a precis (300-800 words) and diagrams (3-5 diagrams) to represent an assigned research paper germane to the topics above.

Important note about third party materials

Your use of third party materials must conform to ACM policy:

Third-party material

Fair use

Sample permission request letter

The reason for this policy is to underscore the goal of producing professional-quality, publishable work, as you will be expected to produce in real-world practice. In your professional career, you will be expected to adhere to copyright laws. It is also a matter of ethics and respect for the work of others. Moreover, since this studio class emphasizes visual thinking, most of your evidence of such thinking must be your own original work.

Class Format

Office Hours

Semester Important Dates

Booklet

W1 8.20,21 Project 1: Preserving life (sustainability)
W2 8.27,28 Individual project presentations I
Labor Day week
W3 9.10,11 Design research
W4 9.17,18 Design insights
W5 9.24,25 Design concepts
W6 10.1,2 Design prototypes
Fall Break
W7 10.8,9 Extra time to prepare Pictorials and Videos
W8 10.15,16 Presentations for Project 1*
W9 10.22,23 Individual project presentations II and introduction of Project 2: Seeing one another (design for respect)
W10 10.29,30 Design research
W11 11.5,6 Design insights
W12: 11.12,13 Design concepts
Thanksgiving
W13: 11.26,27 Design prototypes
W14:12.3,4 Presentations for Project 2*
Final Exams week

Schedule

W1 8.20,21 Project 1: Preserving life (sustainability)
W2 8.27,28 Individual project presentations I
W3 9.10,11 Design research
W4 9.17,18 Design insights
W5 9.24,25 Design concepts
W6 10.1,2 Design prototypes
Fall Break
W7 10.8,9 Extra time to prepare Pictorials and Videos
W8 10.15,16 Presentations for Project 1*
W9 10.22,23 Individual project presentations II and introduction of Project 2: Seeing one another (design for respect)
W10 10.29,30 Design research
W11 11.5,6 Design insights
W12: 11.12,13 Design concepts
Thanksgiving
W13: 11.26,27 Design prototypes
W14:12.3,4 Presentations for Project 2*
Final Exams week

Grading

G: Group projects: 40%
I: Individual projects: 40%
C: Attendance & contribution: 20%

Very important notes

Your grade for individual projects limits your maximum grade for group projects. That is

Final grade = (min(G,I) * .4) + (I * .4) + (C * .2)

Unexcused absences are not allowed. Excused absences require documentation.

The contribution grade is based on the thoughtfulness of your comments and your support for the quality of the class as a whole. It is possible to receive a low grade for contribution if you try to dominate the discussions or otherwise demand undue attention.

Important notes about third party materials

Your use of third party materials must conform to ACM policy:

Third-party material

Fair use

Sample permission request letter

The reason for this policy is to underscore the goal of producing professional-quality, publishable work, as you will be expected to produce in real-world practice. In your professional career, you will be expected to adhere to copyright laws. It is also a matter of ethics and respect for the work of others. Moreover, since this studio class emphasizes visual thinking, most of your evidence of such thinking must be your own original work.

Class Format

Office Hours

Semester Important Dates

Booklet

W1 8.20,21 Project 1: Preserving life (sustainability)
W2 8.27,28 Individual project presentations I
Labor Day week
W3 9.10,11 Design research
W4 9.17,18 Design insights
W5 9.24,25 Design concepts
W6 10.1,2 Design prototypes
Fall Break
W7 10.8,9 Extra time to prepare Pictorials and Videos
W8 10.15,16 Presentations for Project 1*
W9 10.22,23 Individual project presentations II and introduction of Project 2: Seeing one another (design for respect)
W10 10.29,30 Design research
W11 11.5,6 Design insights
W12: 11.12,13 Design concepts
Thanksgiving
W13: 11.26,27 Design prototypes
W14:12.3,4 Presentations for Project 2*
Final Exams week

Schedule

W1 8.20,21 Project 1: Preserving life (sustainability)
W2 8.27,28 Individual project presentations I
W3 9.10,11 Design research
W4 9.17,18 Design insights
W5 9.24,25 Design concepts
W6 10.1,2 Design prototypes
Fall Break
W7 10.8,9 Extra time to prepare Pictorials and Videos
W8 10.15,16 Presentations for Project 1*
W9 10.22,23 Individual project presentations II and introduction of Project 2: Seeing one another (design for respect)
W10 10.29,30 Design research
W11 11.5,6 Design insights
W12: 11.12,13 Design concepts
Thanksgiving
W13: 11.26,27 Design prototypes
W14:12.3,4 Presentations for Project 2*
Final Exams week

Grading

G: Group projects: 40%
I: Individual projects: 40%
C: Attendance & contribution: 20%

Very important notes

Your grade for individual projects limits your maximum grade for group projects. That is

Final grade = (min(G,I) * .4) + (I * .4) + (C * .2)

Unexcused absences are not allowed. Excused absences require documentation.

The contribution grade is based on the thoughtfulness of your comments and your support for the quality of the class as a whole. It is possible to receive a low grade for contribution if you try to dominate the discussions or otherwise demand undue attention.
<table>
<thead>
<tr>
<th>Design Space</th>
<th>Concept Space</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design Component</strong></td>
<td><strong>Concepts</strong></td>
</tr>
<tr>
<td>Predesign</td>
<td>Research</td>
</tr>
<tr>
<td>AEIOU</td>
<td></td>
</tr>
<tr>
<td>Affinity diagram</td>
<td></td>
</tr>
<tr>
<td>Annotated photograph</td>
<td></td>
</tr>
<tr>
<td>Action research</td>
<td></td>
</tr>
<tr>
<td>Animal study</td>
<td></td>
</tr>
<tr>
<td>Animal testing</td>
<td></td>
</tr>
<tr>
<td>Animal test</td>
<td></td>
</tr>
<tr>
<td>Animal trials</td>
<td></td>
</tr>
<tr>
<td>Animal testing facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry facility</td>
<td></td>
</tr>
<tr>
<td>Animal husbandry</td>
<td></td>
</tr>
</tbody>
</table>
Additional References

Designing Interactive Systems Flickrals


• Jeremy Westray and Harold Davis. 2017. Sharing the Handbound Experience through Visual Story-
Academic Misconduct
The class is morally and procedurally bound by IU’s policies on academic misconduct, the details of which you can read about at the following website: www.indiana.edu/~code/code/index.shtml

Religious Observance
In accordance with the Office of the Dean of Faculties, any student who wishes to receive an excused absence from class must submit a request form available from the Dean of Faculties for each day to be absent. This form must be presented to the course professor by the end of the second week of the semester. A separate form must be submitted for each day. The form must be signed by the instructor, with a copy retained by the instructor, and the original returned to the student. Information about the policy on religious observance can be found here: www.indiana.edu/~vpfaa/holidays.shtml

English
If English is not your native language or you are otherwise shy about speaking in class, please do not worry. You will not be penalized in any way for making contributions to the class in less than perfect English or for taking time to compose your answers. You are welcome to say what you want to say in your language of choice first and then ask for help from others to translate to English. I will frequently emphasize to the class the need for all of us to be supportive of each other when it comes to contributing to the discussions. There is no need to feel rushed when responding to questions in class—an important part of the class is the construction of a feeling of community with the faculty and your peers.

Important Notice
As your instructor, one of my responsibilities is to help create a safe learning environment on our campus. Title IX and our own Sexual Misconduct policy prohibit sexual misconduct. If you have experienced sexual misconduct, or know someone who has, the University can help. I encourage you to visit http://stopsexualviolence.iu.edu to learn more. If you are seeking help and would like to speak to someone confidentially, you can make an appointment with a Mental Health Counselor on campus (contact information available at http://stopsexualvio- lence.iu.edu/employee/confidential.html).

Additional Important Information
Absences and Disengagement
The use of digital devices to look up references or work on projects in class is encouraged. The use of digital devices to engage in social media or similar forms of disengagement may result in an unexcused absence at the discretion of the associate instructors.

Accommodations & Feedback
We welcome your feedback. We will do our best to accommodate specific requests if they are reasonable and have merit.