



"The greatest obstacle to discovery is not ignorance – it is the illusion of knowledge." – Daniel Boorstin

→ Welcome

In this course you'll be considering patterns (predictability) and systems (interrelationships). These perspectives will be the departure point for exploring unique and/or alternative approaches to identifying, framing and seeking solutions to existing or possible real world problems.



COURSE STRUCTURE

Classes will be a blend of lecture, discussion, critique and outside projects. The majority of all project work will occur outside of class. Manage your time wisely and efficiently.

DISABILITY ACCOMMODATION

Please notify me if you have a disability that requires accommodation. If necessary you should also register with the UNT Office of Disability Accommodation in the University Union, Room 322. The College of Visual Arts and Design Policy on Accommodation is available upon request in the main office (Room 107) of the Art Building. Further questions and problems regarding accommodation may be addressed to the Associate Dean for Academic and Student Affairs.

RISK FACTOR RATING

This course has a Risk Rating of Level 2. This means that you are exposed to some significant hazards but are not likely to suffer serious bodily injury. In this course, those risks are related to X-acto knife usage, adhesives and fumes, and repetitive stress injuries related to extended computer use.

EMERGENCY ACTIONS

In case of an emergency (alarm will sound), please follow the existing emergency protocols for the College of Visual Arts. For more information about students' rights and responsibilities within the academic community, visit www.unt.edu/csrr.

FACULTY EVALUATION

I expect all of my students to complete the UNT online course and faculty evaluation at the end of each semester. I consider your **constructive** feedback important, as I utilize it as one means to improve my course content, structures and sequencing as well as my teaching methods.

SATISFACTORY ACADEMIC PROGRESS

You must maintain Satisfactory Academic Progress (SAP) to continue to receive financial aid. Students must maintain a minimum 3.0 cumulative GPA in addition to successfully completing a required number of credit hours based on total registered hours per term. Students cannot exceed maximum time frames established based on the published length of the graduate program. If a student does not maintain the required standards, the student may lose their financial aid eligibility. If at any point you consider dropping this or any other course, please be advised that the decision to do so may have the potential to affect your current and future financial aid eligibility.

PLEASE VISIT...

<http://financialaid.unt.edu/satisfactory-academic-progress-requirements> for more information about financial aid Satisfactory Academic Progress. It may be wise for you to schedule a meeting with an academic advisor in your college or visit the Student Financial Aid and Scholarships office to discuss dropping a course being doing so.

ATTENDANCE POLICY

I expect you to attend all of my classes. They are interesting and you will learn a great deal. Roll will be taken at every class and you will be considered late if you arrive to class after roll has been taken. *If you are late, it is your responsibility during that class period to make sure that you inform me that you have arrived late.* Only three (3) unexcused absences will be allowed. The fourth unexcused absence will lower your grade by one letter grade and so on. There are no excused absences for anything but a verifiable death in the immediate family or a doctor's note on his/her stationery with a telephone number. You must present a doctor's note at the next class. Additionally, you will receive three (3) free tardies. After that, every four tardies will equal one unexcused absence.

COURSE LEARNING OUTCOMES

After completing this course, you should be much better at using these habits of mind:

- Employing critical skepticism and thinking.
- Questioning received wisdom and/or widely accepted beliefs.
- Identifying social, economic and technological problems and challenges.
- Employing design-based research methods.
- Effectively framing problems in all their messy complexity.
- Inventing viable, sustainable solutions to identified problems.

STUDENT EVALUATION

Your final grade will be based on the quality of your project work and class participation.

- | | |
|-----|------------------------|
| 5% | Map of design practice |
| 20% | What would you pack? |
| 20% | Failure analysis |
| 10% | Co-design ideation |
| 30% | Case study capstone |
| 15% | Class participation |

RIGHT OF CHANGE

I reserve the right to change this syllabus at any time at my discretion. I will alert you to these changes in order to provide you with sufficient time to adjust your schedule and other activities.





STUDENT GRANT OF PUBLICATION PERMISSION

1) Grant of Permission. I, the undersigned, am a student at the University of North Texas (UNT) and I am enrolled in one or more CVAD graduate or undergraduate courses. By my signature below I hereby grant permission to UNT to use, copy, reproduce, publish, distribute or display any and all works created to comply with the requirements of this course in accordance with the terms set forth below. Additionally I consent to the disclosure of the work created in this class as may be accompanied by my name and other personally identifiable information for purposes as set forth below.

2) Scope of Permission. This permission extends to the use of the described work and images of such work: (1) for academic purposes in order to demonstrate examples of student work to current and future UNT students; (2) for public display in the galleries or on the campus of the UNT or on one or more of the UNT or CVAD websites; (3) for promotional materials created by UNT in all forms of media now known or later developed, including but not limited to exhibitions, catalogs, direct mail, websites, advertising and classroom presentations and (4) for all publication scholarly or popular. My permission is on-going and will continue until such time as I revoke it by giving UNT three months written notice of revocation to the professor of record for this course. UNT will have three months from the date of my notice to stop all use in accordance with this permission.

3) Certificate of Ownership. I am the owner of all work submitted in accordance with the requirements of the named course and the work is not subject to any grant or restriction that would prevent its use consistent with this permission. All aspects of the work are original to me and have not been copied. I understand that as owner of the work I have the right to control all reproduction, copying and use of the work in accordance with U.S. copyright laws.

4) Privacy Release. I hereby authorize and consent to the release, maintenance and display of my name if necessary and any other personally identifiable information that I have provided in connection with the work and its use in accordance with the terms of this Agreement.

5) Signature. By signing the attached Student Syllabus Agreement I hereby grant the permissions indicated above. I understand that this grant of permission relates only to the use of the described work. This is not an exclusive right and I may sell, give or otherwise transfer the rights to such work to others on a non-exclusive or exclusive basis. However, in the event that I do sell, give or otherwise transfer ownership or the exclusive right to use my work to another party, I will notify UNT immediately in writing through the professor of record for this course. UNT will have three months from the date of my notice to stop all use in accordance with this permission.

STUDENT SYLLABUS AGREEMENT

I.....
 acknowledge that I have read the course syllabus. By signing below, I acknowledge that I understand and agree to the course structure, grading and attendance policies, risk factor rating, and the Student Grant of Publication Permission.

Signature



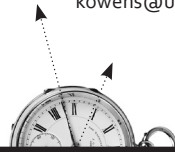
sign, complete other info, make a copy of this page and return it to me...

Phone number

e-mail

Date.....

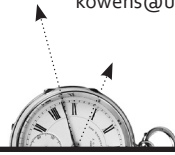




COURSE SCHEDULE

1. ORIENT	Week 1	Jan 12	Class Introduction	
		Jan 14	Lecture > The landscape of modern design	Assigned Readings: Sanders, Michl
	Week 2	Jan 19	Discuss > Sanders, Michl	Assigned Project 1: Personal Process Map
		Jan 21	Critique > Personal Process Map	Review: Maps > Cheatham, Hicks, Joiner, Woodring
2. DESCRIBE	Week 3	Jan 26	Project Due > Personal Process Map	Assigned Readings: Owens, Martin, Mootee
		Jan 28	Lecture > Design thinking	Assigned Readings: Suri, Williamson
	Week 4	Feb 2	Discuss > Suri, Williamson	Assigned Project 2: What Would You Pack?
		Feb 4	Critique > Phase 1, What Would You Pack?	Assign Readings: Gadget Girl, Mintzberg
	Week 5	Feb 4	Discuss > Mintzberg + Decisions Trees	
			Critique > Phase 2, What Would you Pack?	
		Feb 9	Critique > Phase 3, What Would You Pack?	Assign Readings: K Owens 1 & 2
3. EXPLORE	Week 6	Feb 16	Project Due > What Would You Pack?	
			Lecture > Nature of design research	
		Feb 18	Lecture > Evidence Based Design	Assign Readings: Kalman, Lombardi/BMW
	Week 7	Feb 23	Discuss > Kalman, Lombardi/BMW	Assign Project 3: Student Failure Analysis
				Assign Readings: Lombardi/Chapters 9 & 10
		Feb 25	Critique > Phase 1, Student Failure Analysis	
4. OPERATE	Week 8	Mar 2	Discuss > Lombardi/Chapters 9 & 10	
			Critique > Phase 2, Student Failure Analysis	
		Mar 4	Critique > Phase 3, Student Failure Analysis	Assign: initial research > D think Case Study
	Week 9	Mar 9-11	Spring Break > No classes!	
	Week 10	Mar 16	Project Due > Student Failure Analysis	
			Lecture > Problem Framing	Assign Reading: Social Design
			Discuss > D think Case Study possibilities	
		Mar 18	Discuss > Social Design + Ideation + Iteration	Assign Reading: Bowen
				Assign: Rapid Field Study
	Week 11	Mar 23	Discuss > Bowen	
			Discuss > Rapid Field Study	
		Mar 25	Due > Rapid Field Study	Assign Project: D think Case Study
	Week 12	Mar 30	Discuss > D think Case Study project schedule	
		April 1	Ongoing work > D think Case Study	





COURSE SCHEDULE (CONTINUED)

4. OPERATE

Week 13 April 6 Ongoing work > D|think Case Study
April 8

Week 14 April 13 Ongoing work > D|think Case Study
April 15

Week 15 April 20 Ongoing work > D|think Case Study
April 22

Week 16 April 27 Ongoing work > D|think Case Study
April 29 Due > D|think Case Study

START STOCKING YOUR LIBRARY!

John Heskett	<i>Toothpicks & Logos: Design in Everyday Life</i> (2001, Oxford University Press, Oxford)
Jon Kolko, Ed.	<i>Exposing the Magic of Design: A Practitioner's Guide to the Methods & Theory of Synthesis</i> (2011, Oxford University Press, Oxford)
Brenda Laurel, Ed.	<i>Design Research: Methods and Perspectives</i> (2003, MIT Press, MA)
Victor Lombardi	<i>Why We Fail: Learning from Experience Design Failures</i> (2013, Rosenfeld Media, NY)
Jennifer Visocky O'Grady & Ken O'Grady	<i>A Designer's Research Manual: Succeed in Design by Knowing Your Clients and What They Really Need (Design Field Guide)</i> (2009, Rockport Publishers, MA)
Marc Stickdorn, Jacob Schneider, Eds.	<i>This is Service Design Thinking: Basics – Tools – Cases</i> (2010, BIS Publishers, Amsterdam)
Todd Zaki Warfel	<i>Prototyping: A Practitioner's Guide</i> (2009, Rosenfeld Media, NY)

