UX 4021: UX Senior Project II

Winter 2022/2023
Class format: Mondays and Thursdays 2-2:50pm, Tuesdays 2-3:50pm

Instructor
Dr. Katie Panciera

Contact
panciera@msoe.edu
612-804-6543 (cell)

Office Location & Hours
DH 435 TBD or by appointment
calendly.com/panciera

Course Description

This is the second of three courses in the senior design sequence where students work as an agile team on a significant User Experience (UX) project. Throughout this sequence, each student team must research, analyze, design, and validate a product working alongside a client within an agile framework. The focus of this course will be to create designs based on the project definition, scope, and research conducted in Senior Project I. The work completed in this class defines the work for Senior Project III. Teams meet regularly with the clients and instructor to track project progress and mitigate issues. (prereq: UX 4011)

Why Senior Project?

Our goal with this year-long project is to give you experience working on a substantial project with a client. In addition to helping you grow your portfolio, this will require you to work in a small team for the entire year, including dealing with communication, group dynamics, and issues that arise in a team.

Student Learning Outcomes

- Ability to self-organize team within an agile framework and demonstrate an agile mindset
- Effectively communicate within and outside team in both oral and written form
- Create and manage product backlog, capturing requirements through user stories that describe incremental business value
- Use both digital and analog tools to conduct research and design product
- Investigate, evaluate, integrate, and apply technologies and standards beyond previous coursework to support research and design efforts
- Identify opportunities to conduct further research to validate proposed designs, minimize uncertainty, and use the results to justify design decisions
- Employ UX processes to develop product
- Ability to lead and actively participate in design sessions
- Create and iterate designs using wireframes, low-fidelity, high-fidelity, and interactive prototypes

Required Materials

Students are expected to have access to past course materials to reference if needed
Free online materials/tools including:
- All new required materials will be provided on Canvas site

⚙️ Course Assignments Outline (Submitted as a group unless specified otherwise)

- **Weekly Updates**: On a weekly basis, as a group you will submit an update that will let your advisor know: what you're working on, what the backlog looks like, what requirements are being incorporated, and what you need from your advisor and your client.
- **Update Presentation:** In week 8 you will present an update to professors and clients. This should outline where you are on your schedule, how the scope has changed (if relevant), and how the project has changed (if relevant). This should not be a direct analogue to your initial proposal presentation, but should be able to be used to gauge how your group is performing and where you need help or how you need to alter your focus. NOTE: NOTHING IN THIS PRESENTATION SHOULD COME AS A SURPRISE TO YOUR ADVISOR OR CLIENT.
- **360-degree reviews (individual & group):** In most professional environments there is some form of peer evaluation as well as evaluation from managers and other colleagues. We will go through that process to help you practice giving and getting feedback and to work on improvements for subsequent terms.
- **Participation/Attendance (individual):** It should be obvious that attendance and participation are absolutely crucial to your success in this class
- **Advisor Feedback (individual & group):** Your advisor will have been working with you all term and will grade this section based on the work they have seen you do. If you haven't been helping your team much, expect this to be low. If you're holding your own, this should be a good grade.
- **Personal Growth Proposal & Reflection (individual):** At the beginning of the term you will be asked to create some personal growth goals and outline how you expect to meet them. In week 10 you will need to submit a reflection of your experience.

📅 Week by Week Outline (This is in flux)

Readings and Materials are TBD and may fluctuate based on the needs of the class.

WEEK	TOPIC	DUE (by Friday at 5pm if not specified otherwise)
1	**Personal Growth & Team Growth**	Personal Growth Proposal Weekly Update 1
2	**Managing Client Expectations**	Weekly Update 2
3		Weekly Update 3
4	**Dealing With Obstacles**	Weekly Update 4
5		Weekly Update 5
6		Weekly Update 6
7		Weekly Update 7

8	**Update Presentations (TUESDAY)**	Update Presentations Due Weekly Update 8
9	**Personal Growth pt. 2**	Weekly Update 9
10	**360-degree evaluations and feedback**	Peer Reviews/360-degree reviews Due Personal Growth Project Due
11	**Exam Week**	

📋 Grading Policies

Participation and Attendance

More than any other course so far at MSOE, this requires participation and attendance. In addition to those being a part of your grade, with small project teams, you will be unable to complete your projects if you are not actively engaged with your project throughout the process.

Participation should look like:
- Showing up to class on time alert, awake, and attentive
- Using scheduled class time to work on your project
- Sharing workload amongst your team and honestly review others with peer evaluations
- Asking questions, answering questions, and offering comments/feedback
- Treating the course as an opportunity to learn
- Completing and turning in all assignments on time
- Reaching out to Dr. Panciera if you have additional questions
- Checking Canvas for assignments, readings, and information

If you cannot attend class (or will be significantly late), please let me **AND YOUR TEAM** know **BEFORE** class starts. Ideally you would be able to meet with your team virtually, but if not, please make arrangements with your team.

Assignment Due Dates

Without a discussion with the professor, late assignments will not be accepted. Points may be deducted (typically 5-10% of the possible points) if you are given permission to submit work late. Students that regularly submit late work will be required to meet with the professor to discuss the situation.

Grading

Follows standard MSOE grading scale: A, AB, B, BC, C, CD, D, F

For this course, your grade will be determined as follows:
Weekly Updates: 20%
Update Presentation: 15%
360* Reviews from others: 10%

360* Reviews you complete: 5%
Participation/Attendance: 10%
Advisor Feedback: 10%
Personal Growth: 20%

Grading Philosophy

This class may be quite different from what you're used to at MSOE. While you will have a list of requirements, the emphasis here is on the process, not necessarily the end product.

Some assignments will be graded based on detailed rubrics, some will be graded on whether or not they were completed. You will not receive detailed feedback on every assignment.

Extra Credit

There will be no extra credit offered.

Communication Policies

Respect

All class communications should be professional and respectful. Unprofessional communications (verbal or written), will not receive a response. This includes, but is not limited to: racism, sexism, transphobia, homophobia, aggressive language (with or without profanity), slander, inappropriate topics, etc. This applies not only to communications with myself but with your fellow students as well. If you feel that a classmate is not being respectful, please let them know or talk to me.

This especially applies to microaggressions. I look at the impact, not the intent of the comment. Please think carefully about how you communicate in the class.

I will try to call issues out when I see them, but may miss some. My goal is for this class to be a safe, inclusive environment for all. **Please let me know if you do not feel that this is the case.**

Electronic Communication

In general, email or MS Teams are the best ways to contact me. I will try to return email within 24 hours on weekdays. I will check email once between 5pm and 8:30pm every weeknight and once a day on weekends. Expect a slower response during evenings and weekends than during the workday.

I expect you to check Canvas regularly for readings, assignments, grades, and announcements. Their app is supposedly useful.

Phone Communication

I have listed my cell phone number above. Please respect that this is my personal phone number and use it only if you need to reach me immediately. My phone is off from 10pm to 7am, so you will not get through at that time. Texts usually get quicker responses than phone calls.

When In Doubt

If you think maybe you have a question or find yourself guessing at my intended meaning, please reach out and ask the question or for clarification. Chances are you aren't the only one. In addition, communication is critical for online work. If you are sick and have to miss class, please let me know. If you're starting to spiral into anxiety, let me know (in addition to talking to the Wellness Center). If I don't know, I can't help.

BE VOCAL

This course is brand new and I guarantee I will make mistakes. Please be vocal. Tell me if things aren't working for you. Let me know when assignments are confusing. I also appreciate suggestions for how to improve things, but it's up to you to share those with me. I want this to be a good class, but I need your help!

Current Circumstances

Personal Wellbeing

I am your professor, but first and foremost, I am a human. If you do not have a home, food, or childcare or are caring for someone who is sick or are sick yourself, please let me know. I may not be able to help directly, but I can try to connect you to others who can. This will also allow me to understand why you may have additional difficulties turning in work, participating in your group, etc.

Internet Access

I will post all assignments on Canvas and use Canvas and Teams for the majority of the coursework. If for some reason you lose internet access during the quarter please let me know so that I can be flexible. There is a Canvas App, but if your computer has to go to IT or you have other problems, please let me know. **I don't want you completing all this work from your phone.**

Empathy

This is a weird period for all of us and requires empathy and compassion. While I am willing to be flexible on occasion, I will be more understanding if you have a good track record in the class. If you've turned nothing in all quarter, have not responded to my emails or early alerts, and at the end of the quarter want to turn everything in all at once, that is not ok. However, if you have been communicative and have been a good teammate, I will be more understanding with delays that were not caused by you. Procrastination is never a valid excuse to turn things in late.

Similarly, I may have times in the quarter where things on my end start falling apart and I get your assignments back late or have to reschedule meetings. Please be understanding of this as I am understanding of your situations.

Communication is key.

Resources
Mental and Physical Health

If you find yourself struggling with your mental or physical health this quarter, please feel free to approach me. I try to be flexible and accommodating. You can also receive assistance from The Wellness Center for Advising, Counseling, Health, & Accessibility Needs in Kern 250, 414-277-7590, or wellness@msoe.edu **Counseling can be done online.**

Drop In Hours

Drop in hours (office hours) are designed for you to ask questions (related to class or not) and get help as well as to have another sounding board or faculty connection. By talking to me, you're helping me get to know you which may allow you to get industry connections, find scholarships, or discover jobs you didn't know existed.

If you have a specific question/concern, please stop by my office or email me or send me a message on Teams and we can find a time to have a quick video call. I am available most days from 9:00ish to 5:00ish. You can also use calendly.com/panciera to schedule a 15 minute appointment with me.

Student Accessibility Services

For students with documented disabilities, chronic medical conditions or mental health concerns; MSOE provides services to make reasonable accommodations available. If you are a student who requires or anticipates the need for accommodations, please contact Student Accessibility Services Office at 414-277-7281, by email at moureau@msoe.edu, or in person at Kern 250 to discuss appropriate accommodations and eligibility requirements.

Raider Success Coaches

To help all students be successful in this course, struggling students will be required to meet with a Raider Success Coach throughout the quarter. These meetings will focus on strategies for academic success. Students will be notified if they need to meet with a Raider Success Coach via email by either myself or Dr. Alicia Domack.

Academic Assistance

The Raider Center for Academic Success (RCAS) is available virtually and in person. In addition to 1:1 tutoring for some classes, they also offer writing assistance. Please take advantage of this if you are not a strong writer as communication skills are important to succeed in this class.

University Policies

Nondiscrimination Statement

Milwaukee School of Engineering admits students of any race, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded, or made available, to students at the university. It does not discriminate on the basis of race, color, national and ethnic origin, religion, age, gender, sexual orientation, marital status or disability in administration of its educational policies, admission policies, scholarship and loan programs, and athletic and other institutionally administered

programs. MSOE also maintains its long-standing policy as an Equal Opportunity/Affirmative Action Employer of male and female personnel for its faculty and administrative staff.

Academic Integrity

Academic integrity means that any work you hand in as your own is truly your own and that it represents work developed by you. The consequences for handing in the work of someone else as your own will result in a failing grade for the semester for both you and the person who gave you the file or worksheet. Don't share your electronic files with your friends.

As a course requiring teamwork, collaboration will be necessary to complete assignments, but individuals will be responsible for handing in their own work.

See more detail: https://msoe.app.box.com/s/4c8k9jx8zso5ezybxmszr6zmc73zgoox

Sexual Misconduct

Sexual misconduct will not be tolerated at MSOE.
See more detail: https://msoe.app.box.com/s/o7c2rz2jdweq47trbhrzukeyecwxxb3x

COVID-19

MSOE is committed to the health, safety, and well-being of all members of our community.

If you receive a positive COVID-19 test result; or are symptomatic of COVID-19; or are an unvaccinated student who has been a close contact of an individual who is symptomatic or positive, **please do not physically come to campus.** MSOE is committed to your education and your faculty will work to support your learning should you need to isolate or quarantine.