OVERVIEW

Term: Spring 2018
Course title: The Origami Revolution
Course number: 
Date & Location: Mondays, 5-6pm, Location TBD

Course Facilitator: Jessica He
Email: origamidecal@gmail.com
Faculty sponsor: David Nadler

Course Description
Origami is the traditional Japanese art of folding paper. The purpose of this course is to create and share the intersection between art and practical applications. Students’ goals are to learn the history and applications of origami in life while also learning how to fold origami. The last two days of this course we will watch a documentary called, “Between the Folds.” This 2008 documentary follows artists and scientists through their discoveries of the power of paper. This course is meant to be an insightful, interactive course.

Content
- Classes: Classes are once a week for one hour. The three “big topics” include: History, Origami as Therapy, and Applications. Each class will have a 30-min lecture on each of the three “big topics,” discussing the reading assignment, and/or taking the quiz. The remaining amount of time will be an interactive portion where we will learn how to fold different projects. During the last few weeks we will watch a documentary about how origami is actually used in engineering and the prospects for the future.
- Homework: There are a total of three short reading assignments that should be read before each quiz
- Quizzes: There will be two quizzes that relate under each “big topic.”
- Paper: At the beginning of the course there will be an introduction paper. At the end of the course, students will turn in a (mostly) reflective paper. More details for each paper will be announced partway through the semester.

Grading – this is a P/NP course, >70% is needed to Pass (points are not weighted)
- Academic Disposition: 60 points (5 points per class)
  - Class begins at Berkeley time (10 minutes past the designated start time).
  - Please contact the instructor ahead of time if you know you’ll be tardy or absent.
  - Three unexcused tardies = one unexcused absence.
  - More than one unexcused absences will result in a No Pass.
  - This is an interactive class, please pay attention and try your best at folding the projects – don’t be afraid to ask for help. Try your best!
Please put away cell phones and other electronic devices unless at the instructor’s discretion.

**Quizzes: 20 points (10 points per quiz)**
- There will be two, 10-point quizzes.
- The quiz questions will be based on the readings and basic class material and relate to each topic.
- They will be straightforward: fill-in the blank and multiple choice.

**Introduction Paper: 30 points**
- This is for the instructor to get to know the class better! Please write about why you are taking this course and what you intend to get out of it. In addition, tell the instructor about yourself (i.e. hobbies or etc.).
- This paper should be about 1 page.
- More details will be announced later.

**Final Paper: 60 points**
- This is a research/reflective paper on what you learned in the course, what you thought of the class, and any feedback for the instructor.
- MLA format, this paper should be 1.5–2 pages.
- More details will be announced later.
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topics</th>
<th>Readings</th>
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| 1    | 1/29 | **Introduction: Course Overview**  
**Topic 1: History of Origami**  
Icebreakers :)  
Project: Frog, boat, hat, water bomb | Read: Britannica on Origami |
| 2    | 2/5  | **Topic 1: The Origin of Origami (cont.)**  
Project: Crane, Butterfly | Read: Psychology Today |
| 3    | 2/12 | **Topic 2: Origami as Therapy**  
Project: Heart, lotus, lily  
→ Intro Paper due February 16, 2018 by 11:59pm | |
| 4    | 2/26 | Quiz 1 (History & Origami as Therapy)  
**Topic 3: Modular Origami**  
Project: star box, 8-point star, another star thing | |
| 5    | 3/5  | **Topic 3: Medical Applications**  
Project: TBD | Read: Origami Anything |
| 6    | 3/12 | **Topic 3: Computational Origami**  
Project: TBD | |
| 7    | 3/19 | **Topic 3: Space & Paulino**  
Project: TBD | |
| 8    | 4/2  | **Topic 3: Robert Lang**  
Project: TBD | |
| 9    | 4/9  | Quiz 2 (Origami Applications)  
Fun Facts about Origami  
Project: TBD | |
| 10   | 4/16 | Background Info - Start “Between the Folds” | |
| 11   | 4/23 | Finish “Between the Folds” – Closing  
*there will be food :)  
→ Final Paper due April 27, 2018 by 11:59pm | |

*Schedule subject to change.*
READINGS

➔ Britannica on Origami
  - Nick Robinson
  - https://www.britannica.com/art/origami

➔ Psychology Today
  - Marlynn Wei
  - https://www.psychologytoday.com/blog/urban-survival/201609/5-ways-origami-boosts-min
dfulness

➔ Origami Anything
  - Larry Hardesty