Creative Learning Design

INTM-SHU 236A (4 credits)
Session II Summer 2019

Instructor: Alex Ruthmann, Lulu Guo
Course Description

*This PCI Summer Course Fulfills IMA Elective Art & Design (No prerequisite)*

This practical, hands-on course will explore questions such as: How can we design engaging, creative learning experiences that are relevant to the cultural goals and needs of today’s youth in China, while laying the foundation for creative learning for the workforce of tomorrow? What are engaging, effective creative learning resources, and how are they best implemented in Chinese learning settings? How can we take advantage of young people’s near ubiquitous love of music and technology to facilitate creative learning?

In this course, students will work in teams to design digital learning resources and experience designs at the intersection of music, coding, arts, and technology. The course will begin with an introduction to emerging trends in learner engagement and design-based research, especially related to web- and mobile-based musical experiences and principles of making music with new media. Innovations in and applications of musical interaction, interactive technologies, user-centered design & engagement, scaffolded learning, creative learning, pedagogies of play and making, and educational entrepreneurship will also be explored.

Students will work together in teams and paired with a partner audience of learners and teachers in Shanghai drawn from local and regional international schools, ed-tech startup, and cultural partners. Together they will assess the needs and opportunities of partner students and teachers, and engage in a two-stage iterative, reflective co-design process prototyping custom learning resources and experience designs with their partner end users. At the end of the course, students will present and demo their learning resources as part of a public showcase to an external audience of partners, educators, technologists, musicians, entrepreneurs, and experience designers in Shanghai.
Course Process

**Weeks 1 & 2**
Intro to Partners
Research & Team Work
Creative Prototyping & Design Skill Development

**Weeks 3 & 4**
Co-Design Cycle #1 with Partners

**Weeks 5 & 6**
Co-Design Cycle #2 with Partners
Summer 2018, Shanghai

creativelearningchina.org

Course Collaborators

Shanghai Symphony Orchestra (Final Project)

Yungu School (Final Project)

Tinkamo (Final Project)
About our Students
From summer 2018

22 undergrad students - freshmen through graduating seniors

55% NYU Shanghai & 45% NYU New York City

Majors Represented:

Eligibility & Selection/Application Instructions:

Enrollment is open to undergraduates who have completed at least 1 year of full-time undergraduate study by the time they begin the program.

- **NYU Shanghai students** can select courses on Albert and do NOT need to fill out an application for summer session. They should contact their academic advisors for registration clearance beforehand.

- **NYU New York and NYU Abu Dhabi students**: Login to the application here with your netID and password. Select "Summer 2019."

- **Visiting students (Non-NYU) from other accredited universities**: Create an application ID through the online application. Please also send an official undergraduate transcript (in English) to shanghai.summer@nyu.edu (a scanned copy) OR NYU Shanghai Summer Program 14 East 4th Street, Suite 3003, New York, NY 10012 (a hard copy).
Important Dates

For NYU Shanghai Undergraduates

● Relevant features available on Albert: Jan. 11, 2019
● Online registration begins: 9:00 a.m. EST, Feb. 11, 2019

For Undergraduates from NYU New York, NYU Abu Dhabi, or External Universities

● Priority Deadline: Feb. 3, 2019
● Regular Deadline: March 3, 2019
Questions?

- **Website:**
  - [https://shanghai.nyu.edu/study-away/summer-courses](https://shanghai.nyu.edu/study-away/summer-courses) (All summer courses)
  - [http://creativityandinnovation.shanghai.nyu.edu/highlighted-courses](http://creativityandinnovation.shanghai.nyu.edu/highlighted-courses) (PCI summer courses only)

- **Email:**
  - shanghai.summer@nyu.edu (All summer courses)
  - creativity.innovation@nyu.edu (PCI summer courses only)

- **Phone:** +86 021 2059-5891 (Mon. - Fri., 9:00 - 17:00 EST)
- **Facebook:** @pcinyush
- **WeChat:** NYUSHPCI