

Design Thinking and Cognition, Midterm & Final Project Requirements

Tianjin University, School of Architecture
Spring 2023, S206E056, 1.5 Credits, 24 course hours

For midterm project:

- Apply the concepts introduced in lectures to work on a study of a selected architect (or a group of architects). For instance, choose one master architect, analyze the master architect's five built projects, explain the following items of: (1) identify the common features appeared in these projects, (2) problem-solving methods used in the projects, (3) why his/her designs products are stylistic, (4) why his/her works are regarded as creative, and/or (5) his/her unique design philosophy, principle, or design constraints applied.
- A draft of the project should be submitted & presented on **3/27/2023** as a midterm project. The format is to outline your developed concepts in logical sequences aided with high resolution of legible images for visual references. Presentations should be short & sweet in 5 minutes. Late submissions or resubmissions are not accepted.

Final Project requirement protocol:

The final paper should be a 3-pages long essay with appropriate photo images, your drawings and bibliography attached, which should be completed and submitted to cschan@iastate.edu by midnight of **April 3rd, 2023**. Late submissions or resubmissions are not accepted.

Whenever we write major journal articles, we would always follow certain logic sequences to present our academic thinking and theoretical developments.

Here are simple outlines of final project requirements to serve as an exercise on research writing. Please directly and clearly express your thoughts. Major text could be written in either English or Chinese, which is your choice.

1. English title.
2. English abstract (within 300 words),
3. Keywords,
4. Introduction of the concept of your study.
5. Hypotheses of the concepts you proposed.
6. Methods used for studying the proposed concepts.
7. Introductions of the five selected design projects by the designer.
8. Data collection and your careful analyses:
 - Data could be gathered from published articles and certain writings by the designer(s) on these selected projects.
 - Your explanations of findings or your observations on these five selected projects.
9. Discussions – use your own words to interpret the evidence drawn from collected data.
10. Conclusions of the study.
11. References – use APA, Chicago, or any other citation style that you see fit. Architecture articles usually use APA style, which format could be found online.