1.0 Statement of Theme:

The Terminal Design Studio offered by wHY Architecture will be led by its partners Kulapat Yantrasast and Yo Hakomori, with assistance from Patrick Hannah. The project will further refine what was investigated in the winter quarter; an investigation into the relationship between architecture that is programmed and designed for the art experience, as well as the city or urban environment the museum is a part of. The question, “what roles do museums play in contemporary societies?” is the basic question to be investigated in order to understand the shifting relationships of art, architecture and people with regards to the process of creating such a public place with multiple correlating goals. The Museum Foundation, which was at the basis of this investigation last quarter, was the Broad Art Foundation. The three potential sites for this building are in Los Angeles and were selected last quarter. Students spent time visiting Los Angeles and had the opportunity to visit the Broad Art Foundation to see the collection and to document the three sites. The visit to the Broad Art Foundation allowed the students to understand the goals of the Foundation and enabled each of them to formulate an identity, character and mission of the new museum within the community. To augment the development of the design, discussion with curators and art professionals will be ongoing throughout the quarter. Continued research into the relationship of architectural spaces and works of arts will also be conducted, with emphasis this quarter on gallery design, spatial development, materiality, sustainable solutions, and tectonic development in terms of building systems, structures, and skin design.

2.0 Process

This quarter’s project will develop the design started in the Winter Quarter. Specific assignments will be assigned to accomplish these goals with the intention of completing a design that fulfills the programmatic requirements, addresses urbanism in a concise manner, and is developed architecturally in terms of structure, materiality and tectonic development. The instructors will continue to act as the client representing the Museum Foundation interested in creating a presence in the Los Angeles area. The quarter will be divided into four segments. Each segment will emphasize a particular aspect of the design and specific goals, assignments, and objectives will be established for each student to accomplish. This quarter, the students will develop the design with large scale section drawings, renderings, and physical models that explore and document the intention of the design in terms of spatial characteristics, tectonic articulation and materiality, while meeting the expectation of the goals of the Foundation and interfacing with the community.

The quarter will consist of the following sections:

1. Investigation of specific requirements of museum and gallery design and spatial development
2. Design development in terms of sustainable solutions
3. Tectonic development in terms of structural concept, skin design, natural light
4. Documentation and production of detailed drawings and large scale models

The studio will meet on MWF from 1:00 PM until 5:00 PM. Students are expected to be in studio during these hours, productively engaged in individual and group activities. There will be lectures given by the lead instructor during the course of the quarter. Studio time will be utilized for individual critiques as well as group reviews and presentations by individual students. Specific readings will be assigned for discussion during studio time. Yo Hakomori will be present during the quarter every week on either Wednesday or Friday. Patrick Hannah will teach on days that Yo will not be in studio. It is expected that all students attend studio class every Monday, Wednesday and Friday.
Teleconferencing and/or internet based Webex sessions will be utilized to interface with museum specialists, curators, and other consultants to enrich the design studio with input from experts in the field. Lectures or work sessions with the University of Oregon Art History and Fine Arts Department will be conducted. Web based WebEx reviews will be conducted with the studio and with Kulapat and Yo from California to augment the instruction given by the Patrick Hannah on days they are not present in Eugene.

Precedents Study:

The Problem:

The first quarter was directed by Kulapat Yantrasast and focused primarily on the review and understanding of the roles of an art museum and its potentials, understanding the relationship of works of art and their display, and the development of a concept design based on the narrative associated with the art collection and exhibition, urban conditions, and the intention of the concept and architectural design. The intention was to be sure that each student grasps the conditions and issues related to the formation of a program. They were also expected to understand the process of site selection, in terms of the museum’s presence in the urban context and goals of the museum as well as be able to balance the site cost, building cost, and overall goals of the Museum Foundation.

The second quarter will be directed by Yo Hakomori and will further develop the architectural manifestation of the design concept through the development of the architecture spatially, formally and tectonically. Materiality and technical aspects of structural systems, lighting systems, sustainable systems, use of natural light and the design of envelop and enclosure will be investigated. A strict schedule of assignments will be implemented to set clear goals and to investigate a number of concise topics in the development of the design. Emphasis will be placed at the end of the quarter on production of a complete graphic and physical presentation to convey, in a clear manner, the intention of the designs.

Urban Site:

The project site will be an urban site, thus issues related to urbanism and architectural massing, entry sequence, public and semi-public spaces, spatial experience, and the meaning and civic function of a museum in the community will be an important topic. The design and development of the architecture will be developed to include an overall concept, site specificity and urban context and spatial and tectonic development.

The studio aims to discuss how the creative solution should start with creative questioning and observation and to put emphasis on multi-fold analytical research and the process to creatively define the project scope, concepts and strategies as much as the architectural design and integrated engineering of the final product.

3.0 Readings:

A course bibliography will be distributed.

Select readings will be handed out throughout the course of the quarter and will be discussed as a group and referred to by the studio instructor.

4.0 Evaluation:

Final evaluations for this studio will be based on the following breakdown:

Attendance and participation – 15%

Presentation and completion of Phased Assignments – 20%
Overall Project Design Development – 55%

Final Design Presentation – 10%

Because essential course materials and concepts will be discussed during studio time, attendance at all studio meetings and class reviews is essential and required. More than three absences during the course of the semester will jeopardize successful completion of the course and will certainly reflect negatively in the student’s final course evaluation. Any excused absences must be approved in writing by your studio instructor.

5.0 Studio Protocol:

- **Assignments:** requirements for projects will be handed out in writing and/or emailed to each student. Daily or weekly assignments may be given verbally and may differ slightly from the course description schedule. Full completion of all assignments is critical to your success in this class. In order to understand architectural design you must create work and present it using visual and graphic means.

- **Reviews:** Reviews are among the most important activities of your architectural education. You can benefit immensely from the presentation and discussion of you and your classmates’ work. Full participation is required in all reviews. You are expected to be attentive, fully engaged and participating in questions and discussion, and present until the end of the session.

- **Work outside of class:** You will need to spend a substantial amount of time on your projects outside of class time.

- **Discussion:** Your classmates are a great resource. Productive discussion and exchange of ideas and techniques are strongly encouraged, particularly in studio.

- **Work Area:** You are strongly encouraged to make the studio your primary place of work in order to benefit from the studio environment. Much of your interaction with fellow students will be an important source of information and will contribute greatly to your learning experience. Working primarily in studio will allow more time for interaction and exchange of ideas.

- **Professional etiquette:** Please treat your work, working environment, and your colleagues with the highest level of respect. We expect an environment that is energized, critical and open to dialogue, free from negativity, and respectful of each student’s opinions.

6.0 Studio Schedule and Logistics:

The teaching team for the studio will be the 2 partners; Kulapat and Yo, with collaboration from Patrick Hannah, who will be the instructor based in Eugene to help guide and instruct the students in the absence of Kulapat or Yo. Kulapat and Yo will be meeting with students on a weekly basis, usually every Friday. Between the weekly meetings, the students will have discussion and guidance sessions with Patrick Hannah. The 2 partners will both be present at key junctures of the studio schedule to discuss and confirm the directions of the students’ work. Web based teleconferences and/or WebEx reviews and sessions will be conducted with outside reviewers and museum specialists, as well with Kulapat and Yo and others from wHY Architecture during days that the partners are not present.

January 4 : Start session Winter Quarter
January 4 – 15 : Program analysis, project strategy research, precedents
January 18 – 29 : Concept analysis and formation, design direction
February 1-12: Concept design
February 15-March 12: Concept design development, schematic design
March 15-19: Winter quarter Final Review
March 29: Start session Spring quarter
March 29–April 7: Gallery Design, Schematic Design Revisions
April 7–April 16: Design development – Spatial Development, Structural Concept Design
April 16–April 23: Design development – Sustainable Strategies, Exiting
April 23–May 14: Tectonic Development – Materiality, Skin, Natural Light
May 14–May 31: Preparation of Final Presentation
June 3 (tentative): Spring Quarter Final Review
June 4 (tentative): Spring Quarter Final Student Evaluation