PETITION TO SUBSTITUTE MASTER OF ARCHITECTURE BASIC STUDIES COURSE REQUIREMENT

Name ________________________________ USC ID# ____________ Date __________

EQUIVALENT COURSE TITLE(S) ____________________________________________

COURSE # _______ UNITS _______ SEMESTER/YEAR COURSE WAS COMPLETED ______

GRADE _______ INSTITUTION ____________________________________________

Number & Title of USC Course: ARCH 410 COMPUTER TRANSFORMATIONS 2 UNITS

Course Description: Course explores computer-integrated design software; develops techniques for critical analysis of precedents; expands ability to visualize options; expands perception; teaches basics of computer-integrated design.

Course Goals & Objectives
This seminar focuses on studies of architectural representation, establishes knowledge-based awareness of contemporary visual language, and aims to raise the level of expertise in digital tool practice.

- The course seeks to develop students’ conceptual ability to strategize and compose descriptive and expressive spatial information. Graphical conventions, concepts, and theories will be examined through the practice of digital production for representation.
- The course seeks to familiarize students with the process of analytical and critical development underlying architectural communication systems. Exercises will develop fundamental skills for graphical diagramming, orthographic drawing, three-dimensional modeling, rendering with current software, and computational modeling techniques.
- The course will aid students in realizing multiple forms of visual communication techniques by delivering complete, formatted, and timely submissions of high-quality and clear compositional graphic output.

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<tr>
<th>Required Curricular Topics addressed</th>
<th>Met</th>
<th>Not Met</th>
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<tr>
<td>M.Arch Program Specific Skills Development</td>
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<th>Required Student Specific Skills Development</th>
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<tr>
<td>A.3 Visual Communication Skills</td>
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Topical Outline (includes percentage of time in course spent in each subject area):
Software 2D and 3D (40%)
Representation Theory (20%)
Visual Design (20%)
Geometric Systems (10%)
Exhibition Practice (10%)

Textbooks/Learning Resources:
- Eisenman, Peter. Diagram Diaries.
- Schumacher, Patrick. “Arguing for Elegance.”
- Gandl, Stefan. NEUBAU WELT. 2005.

FOR OFFICE USE ONLY

Recommendation □ Substitution Approved □ Substitution Denied Date __________

Associate Director, Master of Architecture ___________________________ Date __________
Selwyn Ting

Comment ____________________________________________________________