San José State University  
Department of Design  
dsIT 29, Design Process, 01, Spring, 2016

Course and Contact Information
Instructor: Joris Komen  
Office Location: IS 205  
Telephone: 510.207.8620  
Email: joris.komen@sjsu.edu  
Office Hours: W 2 - 3 pm  
Class Days/Time: M/W 330p.m.-620p.m.  
Classroom: IS 241

Course Description
In this class you will make the transition from working with the illusionistic space of two dimensions, into three-dimensional space through the creation of an occupiable space. The assignments for this class are based on forms of translation, or changing from one form or design as they grow out of point, line and plane and into volumes with spatial relationships. You will learn a new fabrication technique with each assignment. Formal issues and expressive potential will be discussed in relation to each assignment, as well as issues like creative problem-solving, iterative and rigorous production, experimentation, and research. Slide lectures will periodically provide you with ideas.

Learning Outcomes
At the end of this course students will understand:

Speaking and Writing Skills
● Ability to read, write, listen, and speak effectively

Design thinking skills
● Understanding of how and when to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test them against relevant criteria and standards.

Graphics Skills
● Understanding of how to use appropriate representational media, including freehand drawing and computer technology, to convey essential formal elements at each stage of the design process.

Formal Ordering Systems
● Understanding of the fundamentals of visual perception and the principles and systems of order that inform two- and three-dimensional design, architectural composition, and urban design

Fundamental Design Skills
● Ability to use basic architectural principles in the design of buildings, interior spaces and sites
Moving from 2D to 3D

- How to fabricate a physical model from a drawing through measuring and notation.
- How to test structure, form and material through physical modeling and construction.

Fundamental Design Skills

- Ability to use basic architectural principles in the design of buildings, interior spaces and sites

Human Behavior

- Understanding of the theories and methods of inquiry that seek to clarify the relationship between human behavior and the physical environment.

Material Processes

- Physically working through a material process such as folding, casting and wood assembly to create a finished product.

Precedent Analysis

- An investigation of the component parts of buildings or projects that are similar to the ones that will be executed in this studio.

Required Texts/Readings

*Architecture: Form, Space and Order* by Francis D. K. Ching
*The Aleph* by Jorge Luis Borges

Library Liaison

Rebecca Feind 408.808.2007
Associate Librarian, Dr. Martin Luther King. Jr. Library
Liaison to the School of Art and Design
San Jose State University

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in [University Policy S12-3](http://www.sjsu.edu/senate/docs/S12-3.pdf).

The course is organized around lecture and lab work: lectures will introduce topics and assignments and provide an overview of issues and outline the design principles and communication concepts that are expected to be investigated. Labs will be a period of focused exploration of design issues and communication skills. Finished projects and work in progress will be presented and discussed during each class session to make important points about design. Each pin up will be graded. It is expected that your work will be printed out and pinned up within the first 15 minutes of class. If it is not you will receive a grade of 0 for that assignment.

Your final grade for this class will be based on class participation in reviews and labs and the successful completion of assignments. The assignment grade will be based on a set of criteria including the thoughtfulness and originality of the concept, rigorous and iterative experimentation, the
application of the design principles you have learned, and the time and care you have invested in making models, final objects, renderings and presentations.

Assignments: 70 %
Assignment 1: 20%
Assignment 2: 10%
Assignment 3: 10$
Assignment 4: 30%

Class Participation: 15%

Sketch book 5%

Informal Reviews: 10%

Class Participation will be based on preparedness for in class desk critiques and pin ups

Grading Percentage Breakdown

97-100 = A+
93-96 = A
90-92 = A-
87-89 = B+
83-86 = B
80-82 = B-
77-79 = C+
73-76 = C
70-72 = C-
67-69 = D+
63-66 = D
60-62 = D-
59 and below = F

A- Excellent. Indicates work of a very high character; the highest grade given. This grade is reserved for work that shows leadership and inspiration, demonstrating significant insight developed to its fullest extent and presented with exquisite craftsmanship.

B- Good. Indicates work that is definitely above average, though not of the highest quality. This work shows thorough exploration and development, and is well presented with good craftsmanship, but it may not rise to the highest level of excellence.

C- Fair. Indicates work of average or medium character. Work in this category demonstrates compete fulfillment of the stated requirements and an understanding of the issues covered, but does not exceed the expectations of understanding, development, or execution.

D- Pass. Indicate work below average and unsatisfactory. The lowest passing grade. Though work may meet the minimum requirements, it lacks depth, development or is unsatisfactorily crafted.

F- Fail. Indicates work that the student knows so little of the subject that it must be repeated in order that credit may be received. Work in this category may be unfinished, unimaginative, underdeveloped or poorly executed, and shows minimal understanding of issues.
Required Materials:
Students will also be responsible for purchasing material as required for assignments, materials may include: pens, pencils, paper, wood, cement, acrylic, paper, plastics, foamcore, plaster, fastening hardware, insulation foam, aluminum, wax prints, cornstarch prints and other materials suitable for model making, high quality paper for print outs, and professional printing services.

The following is a list of materials that you will need to have available to you throughout the semester. These are materials that you will continue to use throughout your education and career.

Journal, 8.5 x 11”, Leatherbound
Architectural Scale x
Cutting knives: Olfa and X-acto knife and blades
Drafting tape or draft dots
Erasers: Mars white plastic #526-50
Glues: Hot glue gun and glue sticks,
Aleens Quick Dry Tackyglue
Lead pointer (handheld)
Lead holder (at least 2) – retractableLeads: H, HB, 2H, 4H, 6H
Lead Sharpener
Push pins (clear or white only)
Sketching pencils (variety)
Steel Cutting Edge (14” with cork backing and 36”)
Tracing paper rolls (bum wad):
10” adjustable triangle, 30/45/60

NOTE that University policy F69-24 at http://www.sjsu.edu/senate/docs/F69-24.pdf states that “Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading.”

Classroom Protocol
Teaching is a two-way dialogue. Attendance is expected at all class sessions and the student’s presence throughout the entire class time is required. Whenever possible, the professor should be notified in advance of a student’s inability to attend a class. In the event the professor is late for class, students are authorized to leave after a half hour wait. It is important to be on time and to be present. It is possible to produce “A” work in the class yet receive a lower grade due to poor class participation and attendance. Students must be present for in class critiques, students who arrive late will not be allowed to present.
If you miss a class, It is your responsibility to find out what you missed BEFORE the next class. Technical demos and lectures will not be repeated for students who miss a class; Projected critique dates will be given to you in advance; however, in some instances these may change due to extenuating circumstances, and it is your responsibility to find out about any announcements made in class, by communicating with your classmates.

Deadlines will be made available to you in class. Any work not turned in on the date it is due is considered late. Ten percent will be deducted from the grade for every class period it is not turned in. Special circumstances will be taken into consideration (e.g. Illness, court appearance, death of a relative.) All assignments must be completed and turned in to receive a passing grade for the class. The instructor reserves the right to alter assignments and change project due dates with sufficient notice to the students.

University Policies

Dropping and Adding
Students are responsible for understanding the policies and procedures about add/drop, grade forgiveness, etc. Refer to the current semester's Catalog Policies section at http://info.sjsu.edu/static/catalog/policies.html. Add/drop deadlines can be found on the current academic year calendars document on the Academic Calendars webpage at http://www.sjsu.edu/provost/services/academic_calendars/. The Late Drop Policy is available at http://www.sjsu.edu/aars/policies/latedrops/policy/. Students should be aware of the current deadlines and penalties for dropping classes.

Information about the latest changes and news is available at the Advising Hub at http://www.sjsu.edu/advising/.

Consent for Recording of Class and Public Sharing of Instructor Material

● “Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor’s permission to make audio or video recordings in this class. Such permission allows the recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; you have not been given any rights to reproduce or distribute the material.”
   o It is suggested that the greensheet include the instructor’s process for granting permission, whether in writing or orally and whether for the whole semester or on a class by class basis.
   o In classes where active participation of students or guests may be on the recording, permission of those students or guests should be obtained as well.

● “Course material developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent.”
Academic integrity

Your commitment, as a student, to learning is evidenced by your enrollment at San Jose State University. The University Academic Integrity Policy S07-2 at http://www.sjsu.edu/senate/docs/S07-2.pdf requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The Student Conduct and Ethical Development website is available at http://www.sjsu.edu/studentconduct/.

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 at http://www.sjsu.edu/president/docs/directives/PD_1997-03.pdf requires that students with disabilities requesting accommodations must register with the Accessible Education Center (AEC) at http://www.sjsu.edu/aec to establish a record of their disability.

Accommodation to Students’ Religious Holidays

San José State University shall provide accommodation on any graded class work or activities for students wishing to observe religious holidays when such observances require students to be absent from class. It is the responsibility of the student to inform the instructor, in writing, about such holidays before the add deadline at the start of each semester. If such holidays occur before the add deadline, the student must notify the instructor, in writing, at least three days before the date that he/she will be absent. It is the responsibility of the instructor to make every reasonable effort to honor the student request without penalty, and of the student to make up the work missed. See University Policy S14-7 at http://www.sjsu.edu/senate/docs/S14-7.pdf.
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<tr>
<th>Week</th>
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<th>Topics, Readings, Assignments, Deadlines</th>
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<td>Project 1: <strong>TRANSLATION 1</strong> – point / line / frame</td>
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<td>5</td>
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<td>Project 2: <strong>TRANSLATION 2</strong> – surface</td>
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<td>Final</td>
<td>May 20</td>
<td>12:15 pm in IS 241 – Presentation Due</td>
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