0.1 **Course Description**
Drawing is an essential method of conceptualization and the principal medium for communication in architecture. Exploring what Michael Graves refers to as three types of drawings: the “referential sketch,” the “preparatory study” and the “definitive drawing,” students will develop drawing and visual communication skills through practice in three stages. This course will be implemented in studio method: students will complete a series of drawings with rapid iteration; there will be frequent informal reviews; and precedent from previous work will be essential to the process. This course will provide students with an understanding of the concepts, skills, techniques, and strategies of visual presentation as it relates to the design professions.

0.2 **Goals and Objectives For The Course**
Students will develop a process folio that will serve as a vessel for all drawings and will include reflections on each assignment. They will learn to master the ability to develop, refine, and communicate an idea through sketching:
1. develop an ability to build a visual inventory and analysis of place
2. learn to use iterative drawing studies as a tool for design
3. learn to develop descriptive and analytical drawings for communication

0.3 **Semester Topical Outline**
3.1 **TOPICS**
PART ONE: Building Study One + Recto/Verso
1. Referential sketch
2. Analytical sketch
PART TWO: Building Study Two + Pasticcio
1. Referential sketch
2. Analytical sketch (hybrid drawing)
3. Analytical sketch (hybrid drawing)
PART THREE: Building Study Three + Modeling
1. Referential sketch (2d)
2. Referential sketch (3d)
3. Analytical sketch (hybrid drawing)
PART FOUR: Building Study Four + Perspective/Narrative
1. Referential sketch
2. Analytical sketch (hybrid drawing)
PART FIVE: Folio
3.2 GRADED COMPONENTS

The graded components of the course will be weighted as follows:

PART ONE:  10% total
- Assignment 1.1 (4%)
- Assignment 1.2 (6%)

PART TWO:  27% total
- Assignment 2.1 (7%)
- Assignment 2.2 (10%)
- Assignment 2.3 (10%)

PART THREE:  27% total
- Assignment 3.1 (7%)
- Assignment 3.2 (10%)
- Assignment 3.3 (10%)

PART FOUR:  17% total
- Assignment 4.1 (7%)
- Assignment 4.2 (10%)

PART FIVE:  14% total
- Iteration 5.1 (2%)
- Iteration 5.2 (2%)
- Iteration 5.3 (10%)

CLASS PARTICIPATION  5% total

Total 100%

note:
• assignments not completed by the due date will be subject to a 10% assignment grade reduction
• three or more unexcused absences will be subject to a 10% overall grade reduction, a student will be considered absent and unexcused if he/she arrives ten (10) or more minutes late to class

4. Prerequisites

Preq for ARCH4290: Junior standing.

5. Required Textbooks And Other Readings

All texts for reading assignments will be on file in the CACC library, or accessible via e-book. Selections will include:


6. Semester Schedule of Reviews, Tests And Final Examination

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
</tr>
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<tbody>
<tr>
<td>8.23</td>
<td>course intro</td>
</tr>
<tr>
<td>8.28</td>
<td>verso-recto intro</td>
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<tr>
<td>9.6</td>
<td>verso-recto analysis/review</td>
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<tr>
<td>9.11</td>
<td>folio iteration 5.1</td>
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<tr>
<td>9.13</td>
<td>pasticcio intro</td>
</tr>
<tr>
<td>9.25</td>
<td>pasticcio hybrid dwgs 1 review</td>
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<tr>
<td>10.2</td>
<td>pasticcio hybrid dwg 2 review</td>
</tr>
<tr>
<td>10.4</td>
<td>folio iteration 5.2</td>
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<tr>
<td>10.9</td>
<td>modeling intro</td>
</tr>
<tr>
<td>10.11/12</td>
<td>MIDTERM: all documentation of work to date to be submitted</td>
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<tr>
<td>10.23</td>
<td>modeling hybrid dwgs 1+2 review</td>
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<tr>
<td>10.25</td>
<td>folio charrette</td>
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<tr>
<td>10.30</td>
<td>narrative intro</td>
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<tr>
<td>11.5-11.6</td>
<td>FALL BREAK-NO CLASS</td>
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<tr>
<td>11.1</td>
<td>perspective/narrative intro</td>
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<tr>
<td>11.20</td>
<td>perspective/narrative hybrid dwgs 1+2 review</td>
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<tr>
<td>TBD</td>
<td>folio iteration 5.3/final review</td>
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<tr>
<td>TBD</td>
<td>documentation due</td>
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VISUALIZATION: ARCH4290/6290 2
7. **Materials and Supplies Required For Class**
The materials required for the class include, but are not limited to: Strathmore 400 Series 11x14 drawing pad, B/2B/4B/6B drawing pencils, 12" roll parchment trace, Archival Felt-tip Pen-Black, soft erasers. Specific additional materials may be required for assignments, including materials for construction of the folio.

8. **Assessment of Student Performance: Policy And Scale**

8.1 **EXPECTATIONS**
Students will be expected to be:
• actively engaged in each class discussion and assignment
• committed to the proposed method and process of each drawing technique
• committed to an excellent level of craft

8.2 **CRITERIA FOR EVALUATION**
Students will be evaluated according to four criteria: concept, craft, content, and completion.

8.3 **DOCUMENTATION**
Documentation of one’s work is a critical aspect of being a professional and building a career. In many ways, the documentation is the culmination of the design process and the final manifestation of the work itself. It is, ultimately, the only thing that survives. All work produced at the CAC.C by the students is rightfully the property of Clemson University and will be kept or returned to students at the professor’s discretion. Requirements for documentation are outlined in the CACC-Student Handbook.

8.4 **ASSESSMENT OF STUDENT PERFORMANCE AND GRADING POLICIES**
The grading system is as follows:
A—Excellent indicates work of a very high character, the highest grade given.
B—Good indicates work that is definitely above average, though not of the highest quality.
C—Fair indicates work of average or medium character.
D—Pass indicates work below average and unsatisfactory, the lowest passing grade. (undergraduates only)
F—Failed indicates that the student knows so little of the subject that it must be repeated in order that credit can be received.
I—Incomplete indicates that a relatively small part of the semester’s work remains undone. Grade I is not given a student who made a grade F on his/her daily work. The incomplete grade is calculated as an F in the student’s grade-point average until the work is made up and a final grade is assigned. Instructors and students will resolve the incomplete grade as soon as possible, but not to exceed thirty days from the first day of classes in the next scheduled session (excluding summer sessions and regardless of the student’s enrollment status). Students will contact instructors in a timely manner so that instructors can provide a reasonable opportunity to complete remaining work. Normally, only one extension for each I may be granted, and this under unusual circumstances. The extension must be submitted by the instructor of the course and will indicate the time limit. (Students under this policy are prohibited from removing the I by repeating the course.) A letter grade of I converts to F unless the incomplete is removed within the time specified.
W—Withdrew indicates that the student withdrew from the course or was withdrawn by the instructor after the first two weeks of classwork and prior to the last five weeks of classes, not including the examination period. Proportionate time periods apply during summer and other shortened sessions. For financial aid purposes, enrollment is defined and satisfactory academic progress levels are established as of midnight on the last day to drop without a W grade. Withdrawal can negatively impact financial aid eligibility if a student does not complete a sufficient number of hours. Details are available at www.clemson.edu/finaid.
P—Pass or NP—No Pass indicate a student has either passed or not passed a course approved to be taken as Pass/No Pass only. Students are not permitted to optionally take a letter-graded course as Pass/No Pass.

8.5 **ACADEMIC INTEGRITY AND OTHER POLICIES**
"As members of the Clemson University community, we have inherited Thomas Green Clemson’s vision of this institution as a ‘high seminary of learning.’ Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that
academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form."

All work submitted for a grade must be your own, unless group work is assigned. All text included in assignments that was written by someone other than the student must be correctly quoted and cited.

Learning Culture Policy
The Learning Culture Policy presents guidelines for working together in the School of Architecture. See: http://www.clemson.edu/caah/architecture/about/policies-and-practices.html

Facility Use and Care:
The CAC.C Student Handbook, latest edition, outlines all requirements and regulations for use of the learning environment, semester end closeout procedures, and other critical information particular to study at the Clemson Design Center in Charleston. The handbook will be introduced and summarily reviewed during First Day (orientation).

8.6 CLASS ATTENDANCE, LATE PROFESSOR, AND LATE WORK POLICIES
College work proceeds at such a pace that regular attendance is necessary for each student to obtain maximum benefits for instruction. Regular and punctual attendance at all class and laboratory sessions is a student obligation, and each student is responsible for all the work, including tests and written work, in all class and laboratory sessions. No right or privilege exists that permits a student to be absent from any given number of class or laboratory sessions except as stated in the syllabus for each course. At the same, it is obvious that at times students have valid reasons for missing classes. The instructors are expected to be reasonable in the demands they place on students. Refer to Clemson University's Undergraduate Announcements for additional information.

If a student fails to complete/submit a required class assignment/project due to a documented excused absence, the professor will determine a date and time when the assignment/project will be submitted and/or presented. There will be no penalty for such delay upon satisfactory review of the documented excuse. In the event of an unexcused absence on the date an assignment/project is due, the professor reserves the right to lower the grade evaluation for the assignment/project by up to one full grade point assuming the work is eventually completed. If a student is unable to complete an assignment/project to an acceptable level of completion (determined solely by the professor) at the time and date required, the professor reserves the right to lower the grade evaluation for the assignment/project by up to one full grade point.

8.7 EMAIL, ELECTRONIC DEVECE, AND TECHNICAL FAILURE POLICIES
Please check your Clemson email address at least once a day for potential messages dealing with this course. Do not forward your Clemson mail to another account (Yahoo, AOL, etc.) as those accounts tend to have issues like full in-boxes and limitations on attachments.

8.8 ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES
It is University policy to provide, on a flexible and individualized basis, reasonable accommodations to students who have disabilities. Students are encouraged to contact Student Disability Services to discuss their individual needs for accommodation.

Students are encouraged to consult with the Disability Services staff early in the semester, preferably prior to the first day of class. Current documentation of a specific disability from a licensed professional is needed. Additional information or appointments are available from Student Disability Services, G-23 Redfern Health Center, 656-6848. Details on policies and procedures are available at www.clemson.edu/asc.

8.9 SEXUAL HARASSMENT STATEMENT
The Clemson University Title IX (Sexual Harassment) statement: Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. The policy is located at http://www.clemson.edu/campus-life/campus-services/access/non-discriminationpolicy.html. Jerry Knighton serves as Clemson's Title IX coordinator and he may be reached at knightl@clemson.edu or 656-3181.