

**School of Architecture | Georgia Tech | Summer 2026**

**ARCH 3017: Architecture Design Studio 5 (5 credits)**

**ARCH 4016: Architecture Design Studio 6 (5 credits)**

*Required Course for B.S.Arch.*

*Undergraduate Offering*

## **ARCH 3017 + ARCH 4016 Syllabus**

---

*Design Studio 5 (3017) & Design Studio 6 (4016)*

*[Summer Semester - 2026]*

### **Instructor Information**

**Instructor: Katherine Wright, Lecturer**

**Email: [katherine.wright@design.gatech.edu](mailto:katherine.wright@design.gatech.edu) (Use Canvas for all course related communication.)**

**Office Location: Arch East RM 110**

**Office Hours: Office hours will be released on the first day of class.**

TA Name: Darian Martinez

TA Email: [darian.martinez@gatech.edu](mailto:darian.martinez@gatech.edu)

## **General Course Information**

---

### **Course Description**

*Architecture Design Studio 5 (ARCH 3017):* Intermediate architectural design projects exploring the inter-relationships of various programmatic models, normative building types, and technological themes within specific physical, urban and cultural contexts.

*Architecture Design Studio 6 (ARCH 4016):* Advanced studies in architectural design emphasizing application of analytical, conceptual, and representational skills within projects that engage and problematize urban context culturally, ecologically and technologically.

### **Course Learning Outcomes**

Upon successful completion the course, students should be able to demonstrate confidence and skill in the schematic design and design development of architectural projects of moderate scale and complexity:

- through the identification and analysis of project “givens”
- by application of principles extracted from relevant project analogs, precedents, and processes
- by testing and evaluation of alternative design strategies and approaches
- by creative synthesis of lessons learned into design proposals that integrate contextual, programmatic, and constructional responses to satisfy project requirements

- by deploying appropriate representational modes and media in each of these aspects in order to advance the analysis and synthesis of design parameters and to communicate conceptual, technical, and expressive intents

## Required Course Materials

Required and recommended texts will be posted on Canvas, available digitally through the GT Library, and/or hardcopies in the studio.

### General Materials & Supplies

A laptop or access to a computer is required for this course.

Computer aided drawing software is required: AutoCAD or RHINO 3DS, subscription to Adobe Creative Cloud (Adobe Suite).

Pens, pencils, architectural scale and triangles for use during class.

Students will need to purchase materials and cover costs of printing for the design project.

#### Modeling tools, equipment, materials, and supplies:

- Architectural Scale
- Self-Healing Cutting Mat (24 x 36 in or larger)
- No. 1 Knife + No. 11 Blades (Aluminum handle, 4-7/8 inches long. Package of two handles with two No. 11 blades. (\* buy blades in bulk of 100 or more))
- Utility Knife w/ Retractable Snap Blade - 9mm (Good for foam board or insulation board)
- AlumiCutter (18-inch; Do not buy a metal ruler with cork backing (these are made for fabric))
- Craft Square - 4" (Midwest Products Hobby and Craft Square)
- The Chopper I OR II by Northwest Shoreline (Highly recommended for cutting bass wood strips)
- Weights: (4-6) 1x2x3 steel blocks
- Steel Plates for Weighted Vests (optional - can share)
- Rectangular Magnets (several, 1.5-2 inches long)
- 1/2 inch Masking Tape (white)
- Sobo Glue (white)
- Bass wood strips & plates for modeling (no balsa wood)
- Foam core (white w/ paper coating – no gloss)
- White museum board (4 ply)
- Cardboard
- Misc. wood, plastic, composite, found materials for making models
- Filament for 3D printing
- Additional materials & supplies may be required as needed

### Required Course Textbooks

Course texts, readings, and resources may be distributed and assigned throughout the semester and will be announced and posted on Canvas. When possible, readings will be made available through the library with the link provided.

### Additional References and Resources

BUILDING TYPES ONLINE (Birkhauser) - Login through institution: <https://bdt.degruyter.com/>

DETAIL Inspiration (DETAIL Magazine) – login on campus for full access:

<https://inspiration.detail.de/startseite.html?lang=en>

Edition DETAIL Construction Manual Series by Birkhauser. Volumes by material: Concrete, Steel, Brick, Timber, Glass, etc.

EI CROQUIS (Journal / each volume represents a collection of work from and architect/practice) -

Access while on campus or VPN. [https://galileo-gatech.primo.exlibrisgroup.com/permalink/01GALI\\_GIT/n2rphv/alma9985613402947](https://galileo-gatech.primo.exlibrisgroup.com/permalink/01GALI_GIT/n2rphv/alma9985613402947)

MODERN CONSTRUCTION ONLINE (Birkhauser) - Login through library/institution

## Grading Policy

### Description of Graded Components

The final grade will be composed of the following:

- **Attendance / Participation (10%):** Attendance will be taken daily. See attendance policy. Active participation and engagement is critical to student success. Students are expected to work on studio assignments during class hours and to make sufficient progress on their studio work. Working on non-studio work during class time is prohibited. Please attend to personal matters outside of class time.
- **Design Assignments & Progress Reviews (40%):** These assignments support the development of a design process through play, making, iterations, and analysis.
- **Project Final Review (40%):** The final review requirements will be posted on Canvas.
- **Course Portfolio & Final Documentation (10%):** Submission of all required documents for the school and instructor archive. Instructions will be posted on Canvas.

### Grading Scale

A	90–100%
B	80–89%
C	70–79%
D	60–69%
F	Below 60%

### Studio Grading Rubric

- A grade of "F" indicates failure to meet studio requirements, including attendance and minimum presentation requirements.
- A grade of "D" means significant attendance problems (less than 70% of classes attended) and failure to meet basic studio requirements.
- A grade of "C" means the basic requirements of the studio have just been met, with a plausible but substantially undeveloped project. Struggles with consistent use of orthographic architectural conventions. Attends 70% of classes or more (see attendance policy), prepared for desk crits, pin-ups, and reviews with required or new work, submits all assignments to Canvas on time. Contributes to a positive studio culture.
- A grade of "B" means basic requirements are met and the project is developed enough for evaluation against studio themes and criteria. Demonstrates a working competency of orthographic architectural conventions. Attends all classes (see attendance policy), prepared for desk crits, pin-ups, and reviews with required or new work, submits all assignments to Canvas on time. Contributes to a positive studio culture.

- A grade of "A" means the project clearly demonstrates understanding of studio themes, criteria, and self-motivated exploration beyond basic requirements. Demonstrates a mastery of orthographic architectural conventions. Attends all classes (see attendance policy), prepared for desk crits, pin-ups, and reviews with required or new work, submits all assignments to Canvas on time. Contributes to a positive studio culture.

## Course Schedule

Please see the annotated class schedule on Canvas. This schedule is subject to periodic revisions; updated schedules will always be posted on Canvas.

WEEK 01	05/18 – 05/22	Classes start Monday – 05/18
WEEK 02	05/25 – 05/29	Holiday – no class – 05/25
WEEK 03	06/01 – 06/04	
WEEK 04	06/08 – 06/12	
WEEK 05	06/15 – 06/19	Holiday – no class – 06/19
WEEK 06	06/22 – 06/25	
WEEK 07	06/29 – 07/03	<b>Final Review – 07/01 [ last day of in-person class]</b> Student Recess – 07/02 – No Class Official Institute Holiday 07/03 – No Class
WEEK 08	07/06 – 07/10	Portfolio + Archiving / Student-Instructor Meetings TBD
WEEK 09	07/13 – 07/17	
WEEK 10	07/20 – 07/ 24	Institute Course Withdrawal Deadline (W grade) – 07/21
WEEK 11	07/27 – 07/31	Final Instructional Class Days – 07/27 & 07/28
WEEK 12	08/03 – 08/07	Final Exams – 08/03 through 08/06 End of term – 08/06
WEEK 13	08/10	Grades Due

## Course Policies

---

### Attendance and Participation

Participation at all class meetings is mandatory and crucial to the successful completion of the class. Participation is graded through in-class activities and independent focused work during class time.

Attendance is required and will be taken at the beginning of class and after lunch break and during class. Students are expected to arrive to class on time and to stay for the duration of the class period. Students are encouraged to take care of personal matters prior to class (texts, calls, coffee delivery, etc.). Beverages and food are prohibited in the studio. Water bottles and drinks with a screw top lid are permitted.

Students who arrive more than fifteen minutes late will sign in with the TAs and will be marked as late. Three lates will equal one absence. Absences accumulated through being late are subject to the absence policy and letter grade deduction.

Excused Absences: All documentation to excuse an absence (per institute policy) must be sent to Instructor Katherine Wright through Canvas message. TAs will not be allowed to excuse absences.

### **SoA Attendance Policy**

Active participation at all class meetings is mandatory.

Absences will be excused only for medical or family emergencies, Institute-approved events, and religious holidays documented in writing. Students must notify the instructor in writing during the first week of the semester about any anticipated absences for religious holidays.

NOTE: Absences due to special and/or unforeseen circumstances must be discussed with the instructor as early as practically possible.

Missing three classes without an approved excuse will result in a letter grade reduction. Missing more than three classes, excused or unexcused, may result in a meeting with your instructor and the Architecture Program Office to determine a course of action, and can result in an incomplete (I) or failing grade (F). [ School of Architecture Attendance Policy ]

Students are highly encouraged to submit absence verification for documented illness, hospitalization, accidents, family emergencies, or lengthy illnesses to the Dean of Students: <https://studentlife.gatech.edu/request-assistance>

### **Academic Integrity**

Georgia Tech aims to cultivate a community based on trust, academic integrity, and honor. Students are expected to act according to the highest ethical standards.

Review [Georgia Tech's Honor Code](#) and the student [Code of Conduct](#). Any student suspected of cheating or plagiarism will be reported to the Office of Student Integrity.

For expectations of student and instructor conduct, consult [Code of Conduct \(rules/19\)](#) and [Student-Faculty Expectations \(rules/22\)](#).

### **Student-Faculty Expectations Agreement**

At Georgia Tech, we believe that it is important to strive for an atmosphere of mutual respect, acknowledgement, and responsibility between faculty members and the student body.

[The Student-Faculty Expectations Agreement](#) articulates some basic expectations that you can have of me and that I have of you. Simple respect for knowledge, hard work, and cordial interactions will help build the environment we seek.

## Accommodations for Students with Disabilities

If you are a student with learning needs that require special accommodation, contact the [Office of Disability Services](#) (404-894-2563) as soon as possible to make an appointment, obtain an accommodations letter, and discuss your special needs. Please also schedule an appointment with your instructor to discuss your learning needs.

## Collaboration, Group Work, and Use of Generative AI

### Generative AI Use Encouraged

In this course, the use of Generative AI tools (insert appropriate AI tool(s) here) is encouraged as part of your learning and creative process. Responsible use is expected. All submitted work must include a brief AI Usage Statement outlining: which tools were used, when they were used, what prompts or questions were given, and how the AI output informed or shaped your final submission. Use of Generative AI must comply with Georgia Tech's Honor Code and academic integrity guidelines.

### Extensions, Late Assignments, & Re-Scheduled/Missed Exams

This course follows institute policy on all extensions and rescheduling of assignment due dates, presentations and reviews (including final review). Late assignment submissions will receive a deduction in grade at the rate of half a letter grade per day late. Students should try to submit work, even if not fully complete to receive the highest grade possible.

### Inclement Weather and Digital Learning Days

If a weather-related event affects campus operations, class will pivot to digital instruction or be canceled. An announcement will be made on Canvas.

### Student Use of Mobile Devices in the Classroom

The use of mobile devices for non-course related work (including personal use) in the classroom is prohibited.

### Digital Proctoring

Does not apply to this studio.

### CIOS — Course Evaluations

At the end of the term, students are asked to complete the online course evaluation for all courses at Georgia Tech (<https://gatech.smartevals.com>). CIOS scores and comments have different degrees of visibility based on roles:

Reporting access by role	CIOS Scaled Results	CIOS Comments	TA's Scaled Results	TA's Comments
Instructor	Their Own	Their Own	All within their own course	All within their own course
TA Supervisor	N/A	N/A	All within their own course	All within their own course

Reporting access by role	CIOS Scaled Results	CIOS Comments	TA's Scaled Results	TA's Comments
Teaching Assistant	None	None	Their Own	Their Own
School Administration	All within their own unit	None	All within their own unit	All within their own unit
Students	All – Summary only	None	None	None

More information: [CIOS Student FAQ](#)

## Campus Resources for Students

### Undergraduate Student Academic Success Resources

A list of resources for undergraduate students' academic success and advising can be found at [Success at Tech](#). Academic Support (a unit in the Office of Undergraduate Education & Student Success) provides free tutoring: [success.gatech.edu/tutoring](https://success.gatech.edu/tutoring).

### Graduate Student Academic and Professional Success Resources

A list of resources for graduate students is available on the [Office of Graduate and Postdoctoral Education](#) website.

### Student Well-Being

At Georgia Tech, we are concerned about your overall physical, social, and mental well-being. A [comprehensive list of wellness-related resources](#) has been compiled by the Office of the Vice President for Student Engagement and Well-being.

### Library & Archives

Contact your Architecture Library subject specialist, Catherine Mancini ([catherine.mancini@library.gatech.edu](mailto:catherine.mancini@library.gatech.edu)), for research help and information on available resources.

Contact your Architecture Archives liaison, Jody Thompson ([jody.thompson@library.gatech.edu](mailto:jody.thompson@library.gatech.edu)), for assistance with archival research and collections.

Georgia Tech Library: <https://library.gatech.edu/> Georgia Tech Archives: <http://library.gatech.edu/archives>

### Approved Communication Platforms

[Georgia Tech Approved Communication Platforms](#)

### Georgia Tech Values Statement

At Georgia Tech, we see different backgrounds and perspectives as essential to learning, discovery, and creation. We strive to remove barriers to student success and to build a welcoming community where everyone has the opportunity to contribute to our mission. As

outlined in our [strategic plan](#), we want to create an environment of holistic learning where all individuals can grow and learn to lead healthy, purposeful, impactful lives.

## SoA & College of Design Policies

---

### Archiving

At the end of the semester, all students are required to submit physical and/or digital examples of their work to their instructors or administration for archiving no later than one week after the end of term. By enrolling, each student grants a license to reproduce and display their work online, in forthcoming print publications, and in public exhibitions.

### Ownership

For the purposes of continuous improvement efforts, such as accreditations and periodic program reviews, the School will select samples of student work submitted to satisfy course requirements. This includes digital files, papers, drawings, models, etc. Collected samples may be returned to students upon request.

### College of Design Facility Rules and Guidelines

Please consult the [Georgia Tech Student Handbook](#) regarding the use of facilities and all Institute policies. Aerosol sprays of any kind are strictly banned from the studio and surrounding areas. A spray painting booth is available in the College of Design shop on the ground floor of the East Architecture Building.

### Course Expectations & Guidelines

Per the [GT Catalog](#), all work produced in the College of Design as part of a degree program becomes the property of the College; it may be retained or returned at the discretion of the faculty. The faculty of the School of Architecture reserves the right to refuse credit for any project executed outside the precincts of the College or produced without proper coordination with the faculty.

### Emergencies

In case of emergency (e.g., fire, accident, or criminal act), please call the Georgia Tech Police at 404-894-2500. Perry Minyard, IT Support Administrator for the College of Design, is also a firefighter and EMT certified in performing CPR.

### Studio Housekeeping (for design studio only)

#### Daily Workspace Maintenance

##### Keep Your Space Organized:

Maintain an organized workspace that respects those around you. Avoid clutter that could distract others or create safety hazards.

### **Drawings and Models:**

Store drawings in designated areas and keep models and materials off the floor. Items left on the floor will be considered trash and discarded by cleaning staff.

### **Food Policy:**

No food is permitted in studio during class hours. Dispose of all food-related trash immediately in designated bins.

### **Desk Assignment:**

Use only your assigned desk unless you have prior permission to use another workspace.

## **Materials and Production**

### **Surface Protection:**

Never use spray paint, spray adhesive, paint, stain, plaster, concrete, resin, or similar materials on unprotected surfaces. Conduct this work at the CoD shop or other designated facilities.

### **Cutting Materials:**

Always protect desk surfaces when cutting materials. Direct contact can cause permanent damage.

### **Daily Cleanup:**

Clean your workspace at the end of each day: organize your desk, dispose of trash, and return equipment to proper storage.

### **Shared Equipment:**

Clean up after using machinery in the CoD shop, DFL, laser cutter rooms, or other shared spaces. Neglected facilities will be closed until properly cleaned.

## **End-of-Semester Requirements**

All personal belongings and materials must be removed by the announced deadline. Studios and lockers are completely cleared during winter break, summer break, and before the End-of-Year Show. Items remaining past the deadline will be discarded. Failure to comply may result in an Incomplete grade or grade reduction.

## **Review Space Protocol**

- Remove your work immediately after presentations — others may discard items left behind
- Dispose of trash in designated bins
- Protect wall surfaces from damage or marks
- Return chairs to their original positions

DATE: 05.17.2026