



Landscape Architecture Program 2023-2024

Standard 3

Appendix 3.1: Technology and Computer Flyer including estimated costs given to students at the beginning of every academic year. Flyer is updated yearly by Clemson Computing and Information Technology CCIT in consultation with the program.

Appendix 3.2: List of tools and supplies sent to incoming BLA and MAL students.

Appendix 3.3: Faculty Meeting Agenda and Faculty meeting minutes of January 2024 showing faculty discussion of learning outcomes and curriculum assessment.

**Lenovo****2024-2025
Laptop Recommendations**

Lenovo ThinkPad L13 Gen. 4

Windows 11 Pro
256 GB Storage
16 GB Ram
AMD Ryzen 7 Pro
Integrated Graphics

**\$949.00**

Lenovo ThinkPad X13 2-in1 Gen. 5

Windows 11 Pro
512 GB Storage
16 GB Ram
Intel Core Ultra 7
Integrated Graphics
Includes Integrated Pen

**\$1769.00**

Lenovo ThinkPad P1 Gen. 6 (Architecture)

Windows 11 Pro
1TB Storage
32 GB Ram
Intel Core i7 Gen13
NVIDIA GeForce RTX
4080 Ti 12GB

**\$3549.00**

Lenovo ThinkPad T14 Gen. 5

Windows 11 Pro
512 GB Storage
16 GB Ram
Intel Core Ultra 5
Integrated Graphics

**\$1439.00**

Lenovo ThinkPad P1 Gen. 6

Windows 11 Pro
1TB Storage
32 GB Ram
Intel Core i7 Gen13
NVIDIA RTX A1000
6GB GDDR6

**\$2599.00**

WARRANTY INFORMATION

All Lenovo Laptops include a 4 year warranty and 4 year accident coverage. The warranty only covers the battery for 1 year. Accidental damage does NOT cover the charger. Fire and theft are NOT covered



2024-2025 LARC Materials List and Computer Recommendations

Basic Materials (Approximate cost: \$400):

1. Trace Paper 12"
2. Trace Paper 24"
3. Engineer Scale
4. Architecture Scale
5. Sketchbook
6. Rolling Ruler
7. Pilot Flair Pens
8. Pentel Sign Pens
9. Sketch Pencils
10. Microns
11. Circle Template
12. Eraser
13. Chartpak Markers

Colors:

- a. Willow Green
- b. Celery
- c. Yellow Green
- d. Grass Green (2)
- e. Apple Green (2)
- f. Moss Green (2)
- g. Banana
- h. Buff
- i. Sand
- j. Sepia
- k. Burnt Umber
- l. Frost Blue
- m. Turquoise
- n. Sky
- o. Violet Light
- p. Lilac
- q. Deep Salmon
- r. Warm Grey 3
- s. Warm Grey 4
- t. Warm Grey 5
- u. Cool Grey 2
- v. Cool Grey 4
- w. Cool Grey 7

Textbooks:

Booth, Norman. (2011). *Foundations of Landscape Architecture: Integrating Form and Space Using the Language of Site Design*. Wiley.

Approximately \$50

Reid, Grant. (2002). *Landscape Graphics: Plan, Section, and Perspective Drawing of Landscape Spaces*. Watson-Guption.

Approximately \$16

Computer Recommendations:

<https://www.clemsonigertechshop.com/products/Landscape-Architecture-c168277306>

1. Lenovo P1 Gen 6 (Intel 13th Gen i7 -13800H 14 core 5.2Hz,32GB memory, 16" 1920 x 1200 display, NVIDIA GeForce RTX 4080 12GB video card, 1TB solid state hard drive, wireless, Bluetooth, and integrated webcam (Price: \$3549)
2. Dell Precision 5690 16-inch - Intel® Core™ Ultra i7 - NVIDIA® RTX™ 1000 6GB - 32GB RAM - 512 GB SSD - Windows 11 Pro (Price \$2,790)



2024-2025 LARC Materials List and Supplies for MLA students

Local stores

- **Clemson Variety and Frame-** 374 College Avenue Clemson, SC 29631
(864) 654-1723
- **Hobby Lobby-** located in Anderson, Easley and Greenville
 1. 172 Station Drive
Anderson SC
(864) 224-2996Hobby Lobby
 2. 6101 Calhoun Memorial Highway
Easley SC – off highway123
(864) 859-4134Hobby Lobby
 3. 1511 Woodruff Road
Greenville
(864) 676-1060
- **Staples-** 120 Fritz Drive Anderson, SC 29621
(864) 231-7460
- **Office Depot-** 3423 Clemson Blvd # A. Anderson, SC 29621. officedepot.com
- **Campus copy**

Internet suppliers

- Art supply.com
- <http://www.dickblick.com/>.
- Carpediemstore.com- best deal for Chart Pak markers
- Artistcraftsman.com- offer student discount with valid student ID
- Amazonprime.com- free 2 day shipping for 1 year with student email address
- Retailmenot.com- offer coupons and discount, printed and by scan

Estimated total cost \$ 300

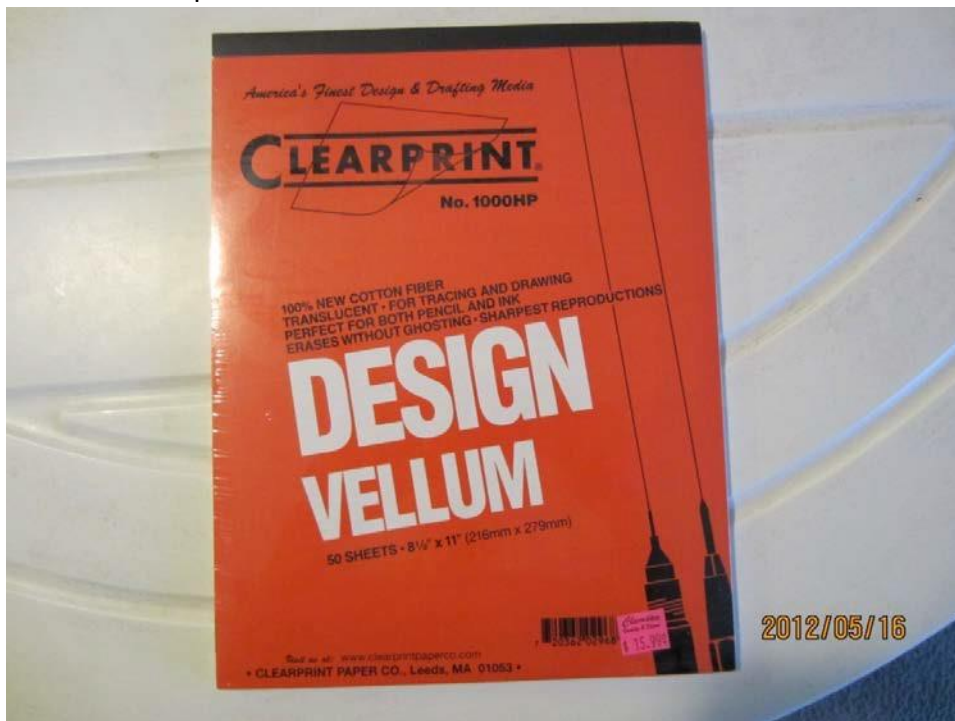
Also be advised that some supplies might be available for free in our supply room.

Supply List (The tools with red names are the things without pictures)

- Sketchbook- hardbound or wire bound 8.5x11" or 11x14" acid free perforated pages preferably (avoid soft cover on wire bound sketchbooks- they don't last)



- Vellum Sketch pad 8 ½ x 11



- Bond paper sketch pad 8 ½ x 11

- Lead holder with 2mm leads: B, HB (2B,4B,6B) (H, 2H) – usually 3 leads/pack
- Lead holder- Alvin or Staedtler (less sharpening, finer lines than pencils)



- Rotary lead pointer sharpener



- Sharpie Markers- both large and small tips
- Sakura Micron pens- 6 piece set includes 005, 01, 03, 05, 07, 09 (check package for dried out pens)



- Prisma-color colored pencil set- minimum 72 colors
- Erasers- knead able or white vinyl (pink pearls tend to discolor vellum)
(Staedtler retractable erasers are great!)



- Eraser shield (a tool you will use often!!!)



- Dry cleaning eraser pad



- Drafting dots or tape (do not substitute with masking tape- it tears trace/vellum)



- Dusting brush



- 18" aluminum cork backed straight edge ruler



- See-thru drafting triangles: 30/60_ 6" and 14" (with inking edge)
- See thru drafting triangles: 45_ 6" and 14" (with inking edge)



- Architect and engineer scales



2012/05/15

- C-thru French curve set



- Circle templates (T-826 jumbo circles, T-800 or 801) or 6" compass



- Rubber bands

- #41 parchment 25lb. Trace paper - 12", 24"- 36" rolls



- Sketch vellum 90lb . roll- 36" or 24" wide



- Chart Pak or Prisma-color markers- brick red, ultramarine blue, black, olive, dark olive, pale olive, apple green, celery, Kraft brown, goldenrod, colorless blender, warm and cool grays (check with instructor)

- 10' adjustable triangle, rolling ruler

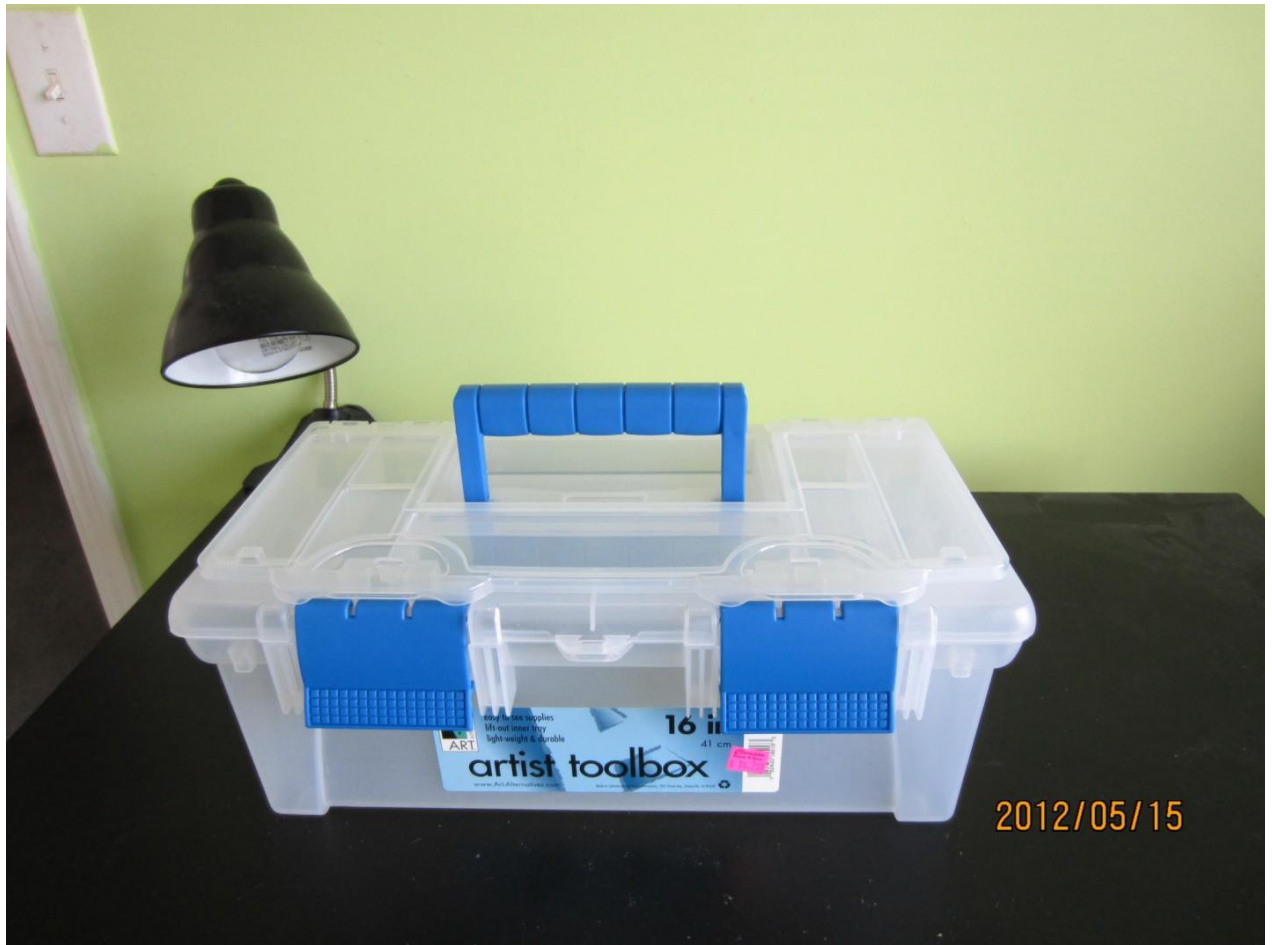


- Sewing thread



2012/05/15

- Tool box



- Flash drive (also consider purchasing an additional hard drive for file backup)

Helpful information:

- Purchase Ear buds or headphones for music in studio
- Power strip extension cords are great for computer, pencil sharpener, coffee maker..
- The Gunnin Architectural Library offers printing 8.5x11 and 11x17 with flash drive and tiger stripe card
- Student ID Cards
- Fike Recreation Center-864-656-3311
- Parking permits- Parking Services. Division of Student Affairs G-01 Edgar Brown Union Box 344014. Clemson, SC 29634-4014. Phone: 864-656-2270.
- Tiger Stripe Card- use for plotting and printing at CCIT located in Cooper Library basement
- Copy allowance each semester for students automatically charged to account-
- Photograph or scan and file all your work for future portfolio
- Develop a file naming system: sketch exercise_LA252studio_smith_052212
(assignment_class_lastname_date)



AGENDA: Faculty Meeting

Jan 19, 2024

10:00-11:30 am

Faculty and Staff	Lara Browning, Hyejung Chang, Michelle Marchesse, Hala Nassar, Matt Nicolette, Mary Padua, Paul Russell, Tom Schurch, Hannah Slyce & Jim Stevens		
Time	Item	Facilitator	Action
10:00	Welcome	Hala	
10:00	General Updates and Good News	All Faculty	Share & Discuss
10:00-10:05	Approval of Minutes	Hala	Discuss
10:10-10:15	University, College, School Updates	Jim	Share
10:15 -10:35	LAAB Learning Outcomes Assessment Qualtrics Surveys. Professional Curriculum _ Master of Landscape Arch. ☐ Interdisciplinary Design Studio (Matt) ☐ Graduate Colloquium (Hala)	Hala & Lara	Share & Discuss
10:35-10:45	☐ BLA Exit Interviews outcomes	Lara	Share & Discuss
10:45-11:20	Committee Updates ☐ Curriculum Committee (Hala) ☐ LA Search Committee (Paul)	Hala & Paul	Share & Discuss
11:20-11:30	Announcements and new business		
11:30	Adjourn		

In attendance

Faculty: Lara Browning, Hyejung Chang, Hala Nassar, Matt Nicolette, Mary Padua, Paul Russell, Hannah Slyce, Tom Schurch, and Jim Stevens

Staff: Michelle Marchesse

Call to Order – Welcome (Hala Nassar)

Hala welcomed everyone to the meeting with a Happy New Year! She noted the new start time of 10 am, which allows Lara, who teaches from 9-10, to join us for the faculty meetings.

General Updates and Good News

- Mary announced that friends invited her to a workshop in China this summer. The workshop will be in May.

Meeting Minutes

We have three sets of meeting minutes to approve today. Please provide any edits you have to Michelle.

September 15 Meeting Minutes

Motion to Approve: Paul Russell

Seconded: Mary Padua

Discussion: No Discussion

Changes/Edits: No changes

Motion Passed

October 6 Meeting Minutes

Motion to Approve: Paul Russell

Seconded: Mary Padua

Discussion: No Discussion

Changes/Edits: No changes

Motion Passed

October 20 Meeting Minutes

Motion to Approve: Mary Padua

Seconded: Matt Nicolette

Discussion: No Discussion

Changes/Edits: No changes

Motion Passed

University, College, School: News and Updates

- Jim announced that a bill had been introduced to de-regulate Landscape Architecture; we hope to put the brakes on this new law and hope the clock runs out on it. He is not sure who sponsored the bill. At least two design professionals attended the recent legislation reception, with ten members in landscape architecture and engineering from the Charlotte / Greenville area showing up at the reception.
- Jim noted that he is working with Amy V. on an annual giving campaign to support Landscape Architecture, and they will be in the Atlanta area next month. He will nominate Rhett Croker with LandDesign to the CAF Board of Directors. We have five members rolling off the board this year; we currently have three LA professionals on the Board of Directors.
- Hala also noted that the College (CAAC) met recently on Zoom to vote on the new College by-laws. The By-laws passed.

Program Updates and Discussion

LAAB Accreditation

Hala announced that the Letter requesting LAAB Dual Accreditation for the program went out on Tuesday, 1/9. She noted the dates in order of preference for our review are:

November 10-14

October 27-31

October 20-24

She avoided the following events when choosing the dates – Fall Break, the ASLA national conference, and Election Day. She stated that the site visit is five (5) days from Sunday to Thursday. She thanked Jim for the fastest turnaround in history, obtaining the signatures and getting the Letter out for delivery.

Reminders

Concur – Hala reminded faculty to submit their travel requests before travel and, when requesting reimbursement, go back to the original travel request to choose the appropriate form for submission. Jim added a reminder that the per diem box is automatically checked by default when going on day trips, so you would need to go in and uncheck the box.

Participation Confirmation – Hala reminded faculty to confirm online student participation in class; this is required.

Student Work in Box – Hala noted that formatting the student work will start next week; the plan is to do two classes weekly. Kinzer and Morgan are working on the formatting; Matt will consult with the faculty on edits. The submissions from faculty should be in PDF with three examples of the work (high, medium, low) for each course. Hannah Slyce will need access to the Student Work Box. The tree is structured so that the courses are by year and semester.

CVs – Hala asked that faculty send their most recent/up-to-date CV to Michelle by February 19. These are needed for the Individual Faculty Record in the Addenda.

Guest Reviewers/Critics – Hala asked that everyone complete the spreadsheet regarding the fall 2023 guest reviewers/critics and send it back to Molly, who will compile it in a Master spreadsheet.

LAAB Standards – Hala discussed the LAAB Standards Assignments with the faculty, showing the assignment chart for each standard. Hala and Lara will review standards 3 and 4; the remaining chapters will be assigned to faculty. The chapters need updating. The chapters will be circulated to each faculty after the meeting. She reminded everyone that there is a new template, and we must have separate chapters for the BLA and MLA and include each program within the same chapter. The deadline is February 12.

Honors and Awards

Olmstead Awards – Lara noted that it was time to recommend/vote on our winners for the Olmstead Awards. She showed faculty a list of the fourth years from highest GPA to lowest. The nominees for the BLA winner were Kinzer, Morgan, and Rachel. The nominee for the MLA was Molly Foote. The faculty discussed the nominees, noting that the primary criterion for the award was outstanding leadership. After some discussion, the award winners are BLA – Morgan Sisk and MLA – Molly Foote.

Dallas AIA – Matt noted that a scholarship opportunity was awarded through the Dallas AIA in honor of a Studio Outside principal who passed away. The award is available to all students with an excellent senior project. The award is \$2,500 and can apply to students who excel in art and design.

Learning Outcomes Assessment Plan and Discussion (notes courtesy of Hala Nassar)

Qualtrics Survey Results

BENCHMARK IS 80%

Implementation III (Matt)

The last of the technology implementation courses focuses on construction documentation. The final project is a 100% DD set. Grouped A/B, C, D/F. Improvements must be made in identifying materials and coordinating plans, materials, details, and assembly (time constraints likely). The idea was to use a studio project as the DD set for next year or have a project that is already designed because major issues were that the students had to design a site and do the documentation. The process was that the student work was graded first and then Qualtrix, and it lined up.

How do we document for accreditation?

Analyze the data and write a paragraph with recommendations on improving the numbers to meet the benchmarks better.

Key Issues (Mary)

The course is a seminar, and this semester had 27 students. The assessment was based on "excellent," "good," and "average." The course is designed to prepare bachelor's students for their exit studio by having them write a project proposal. The only "average" rating was for a non-major student. Overall, students did well. The idea of improvement is to have smaller classes for more engagement with the instructor. Students select topics to explore and research to narrow down for a project and how they'd apply the topic to their site/region/etc. Students also look at design goals and objectives. Students could select a site not represented in the Qualtrix survey. Seniors were in the "excellent" category because they were preparing for their Spring semester. There was a clear class sequence, with Key Issues in the fall and exit in Spring. But with study abroad and early graduation, it does get shifted in the students' sequences. Offered in both fall and spring semesters. The course should only have students gearing up for Exit Studio (seniors)

Hala does not think it should be applied to "Global Challenge" because it is so major specific.

Action Items:

1. Get **Intro** as a "global challenge"
2. Remove **Key Issues** as a "global challenge" (cannot happen until Fall 2024)
3. Identify minor classes that should be updated... think about "major-specific" courses versus classes that can be open to a greater audience.

Exit Studio (Paul)

[Miles, Mason, Maria, Melissa, Evan, Laurie, Trevor]

Q1 – F12 A24 G12 E50

Q2 – F12 A25 G25 E38

Q3 – A25 F25 E50

Have an idea of a project but don't know what they are required to do, don't have a lot of follow through.

Q4 -

Q5 - A25 G50 E25

Q6 – F12 A25 G12,E50

Q7 – P12 F12 A25 G12 E36

Q8 – A50 G50

Out of the eight students, one had a project ready to go. I spent the first few weeks figuring out their projects. We need **Key Issues** requirements that the students have identified a site and 50% of site analysis by the end of the semester, with a conceptual design. Lara comments that students' research, in general, is superficial. Understanding can be super limited. Lara just sat on the VA jury for student ASLA awards. The student's analysis was excellent, but the design was limited. Our students are the opposite. We need to be somewhere in between. By the end of Key Issues, we need a written document and all of their analysis diagrams.

How can we start closer to the finish line? We need to be prepared to start designing before the start of **Exit Studio**. What skills do we want them to demonstrate? Most are doing a planning project or master plan (at best). Do we need to determine the scales we want them to work in? Students need to understand before **Exit Studio** that their project scope is achievable.

Action Item

1. Have students give a final presentation at the end of **Key Issues**, where faculty decides if the student is ready for **Exit Studio**.
2. Either ready or not.
3. Clarify the expectations
4. BLA Student Policy needs to be created.
 - a. Added policy: no summer exit studios, and students must be on campus their last semester.
 - b. Limit the number of credits for internships
 - c. Can't get a studio out of an internship

Pro Practice (Tom)

There are two takeaways: exclusive second and third-year students should be primarily third-year students.

Questions are too complex for students to understand that early. Tom thinks it should be moved to the fourth year to prepare for practice.

However, the students did a great job. Tom took questions from the accreditation requirements from LAAB and thinks the board may not grasp where the BLA students are in their education. There is a lapse between the board's requirements and the education. Students will learn these topics during practice.

Curriculum adjustments to reflect the LAAB requirements?

Tom exposes them to licensure laws and teaches from a textbook that is for professionals. Ask professionals to come in and speak. Students work in teams of two to write a summary of the lecture and then have a discussion on the next class period.

Matt says there's a difference in competency, professionally or educationally.

Tom's goal for the course is to show students the range of career paths.

Action items

1. Offer class later in the curriculum (4th year)
2. Make the course more than three credits
3. Combine BLA and MLA courses
4. Rename pro practice to "issues in pro prac."
5. Rename key issues
6. Expectations for BLA and MLA students need to be different and clear (evaluation perhaps?) when they are in the same course.

The faculty will complete the MLA Qualtrics discussion at our next meeting.

The meeting adjourned at approximately Noon.