

STUDIO EQUIPMENT

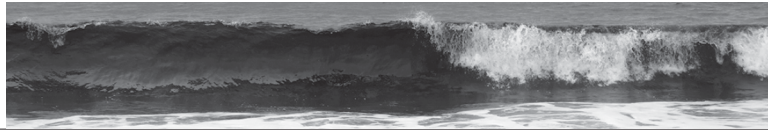
The first term of the BEDS program emphasizes manual skills and physical materials as a foundation for more digital work later. These items will be used throughout your architectural studies. Any items you don't have already can be purchased after you arrive. If you already have hand tools or camera equipment, bring them with you; they'll be useful.

DRAWING AND MODELING EQUIPMENT

These items are available individually, not as a kit. Most are available from DeSerres, 1546 Barrington Street, north of Spring Garden Road (deserres.ca), starting in September; and from AlphaPlanHold (alfaplanhold.com/drafting-equipment).

AlphaPlanHold offers a 5% discount and free shipping to Dal students with a coupon code, DALBTS2026. At the start of the fall term, DASA may offer second-hand items 1 and 2.

1. Parallel rule, 36" long (not available at DeSerres)
2. Vinyl board cover (borco), 36" x 48" (not available at DeSerres)
3. Adjustable triangle (set square) (10" or 12" hypotenuse)
4. 30/60/90-degree triangle (10" hypotenuse)
5. 45/45/90-degree triangle (8" short sides)
6. Triangular metric scale (1:10, 1:20, etc.)
7. Triangular imperial scale (1/4"=1', 1/8"=1', etc.)
8. Large circle template (imperial dimensions)
9. Isometric ellipse template (imperial dimensions)
10. French curves (set of 3)
11. Mechanical pencil (lead holder) for 2 mm leads
12. Drafting compass for 2 mm leads
13. 2 mm leads, in three hardnesses (2H, HB, B), each in a package of 2 leads
14. Lead sharpener (pointer) for 2 mm mechanical pencil
15. White vinyl eraser
16. Erasing shield
17. Graphite sketching pencils in six hardnesses: e.g., 2H, H, HB, 2B, 4B, 6B
18. Pencil sharpener
19. Rubber kneaded eraser
20. Drafting (dusting) brush
21. Painter's tape, 1", green
22. Cutting mat, 12" x 18"
23. Ergonomic precision knife for #11 blades
24. Blade distributor with five #11 blades
25. Knife, extra-heavy-duty, with snap-off blades (18 mm)
26. Steel ruler, 18"
27. Push pins, box of 100 (clear)
28. Tacky glue (118 ml)
29. Sketch tracing paper, 1 roll, 12" x 20 yds., white
30. Kraft paper pad, 18" x 24", 40 sheets
31. Sketch book, 5" x 8.5"
32. Drafting dots (optional)
33. Dry cleaning pad (optional; not available at DeSerres)
34. Scale divider (optional; not available at DeSerres)



SAFETY EQUIPMENT

These items are used during construction projects and visits to building sites. They are available from Mark's (marks.com) and building supply stores. You'll need item 1 in September and items 2–4 by October.

1. CSA-approved safety glasses/goggles; or (if you normally wear glasses) certified safety glasses with prescription lenses
2. CSA-approved Type 2 white hard hat
3. High-visibility vest
4. CSA-approved safety footwear that displays a green triangle; preferably lightweight, rather than heavy work boots

COMPUTER EQUIPMENT

Starting in B1, you'll need these items:

1. Laptop computer with a screen size of 13" or more, a webcam, microphone, either built-in speakers or external speakers with a Bluetooth or USB connection, and a wireless mouse with a scroll wheel
2. Cable lock or lock bracket for your laptop (and optional desktop monitor)
3. External hard drive (preferably solid state) for backups, with a capacity (e.g., 1–2 TB) that is twice as large as your laptop's internal storage (You should also back up your files to Dal's OneDrive, which provides 1 TB of free offsite storage.)
4. Desktop monitor (optional) with a 22"–32" screen that can reside in your studio space and connect to your laptop

Your computer will need to run certain applications during the B1 term. If you already have a laptop computer (Windows or Mac), it may be sufficient during the first term or more. Check for these minimum specifications for B1:

Windows computer

System: Windows 10
 CPU: 64-bit Intel 8th gen.; or AMD Ryzen 2000 series
 RAM: 16 GB
 Storage: 10 GB
 GPU: 4 GB, OpenGL 4.5-capable video card

Mac computer

System: MacOS 12.4
 CPU: 64-bit Intel; or Apple Silicon M1, 8-core
 RAM: 16 GB unified memory
 Storage: 10 GB
 GPU: 7-core

If you need a new computer that will last you throughout the BEDS program (and MArch program), please refer to the software chart and hardware specifications for B2, B3, and B5 terms on the School's "Computer Specifications" page: tinyurl.com/dal-arch-computer-specs

ILLUSTRATIONS AND CREDITS

1. Detail of Nova Scotia Technical College (1908)
2. Detail of sky over Indianapolis Motor Speedway
3. Detail of the bedroom of William Randolph Hearst, Hearst Castle, San Simeon, CA
4. Detail of St. Catherine Street, Montreal
5. Detail of *Queen Elizabeth II* leaving Halifax Harbour
6. Detail of Basilica of S. Apollinare Nuovo, Ravenna, Italy (490)
7. Detail of a San Diego sandcastle competition
8. Detail of The Rosetta Stone (196 BCE)
9. Detail of pit action at Indianapolis Motor Speedway
10. Detail of Frank Lloyd Wright with students (photo by Bill Hedrich, 1937)
11. Details of an Italian magazine case (1850), from Maya Hambly, *Drawing Instruments, 1580–1980*
12. Detail of a wave at Crystal Crescent Beach, near Halifax

This booklet has been prepared with assistance from faculty, staff, and students. Thanks, eh.

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