

Studio Equipment for Incoming BEDS Students

The first two terms of the BEDS program emphasize 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 from DeSerres, 1546 Barrington Street, north of Spring Garden Road (www.deserres.ca/), starting in September. Two kits will be available: items 1–2 (approx. \$337) and items 3–27 (approx. ~~\$339~~). At the start of the fall term, DASA may offer second-hand items 1 and 2 at a lower price. ~~\$267~~

1. Parallel rule, 36" (915 mm) long
2. Vinyl board cover (borco), 36" x 48" (920 x 1220 mm)
3. Adjustable set square (triangle): 12" (300 mm) hypotenuse
4. Metric scale (1:10, 1:20, etc.) (currently out of stock; will arrive later)
5. Imperial scale (1/4"=1', 1/8"=1', etc.)
- ~~6. Scale divider (unavailable)~~
7. Metric circle template, 2–48 mm
8. French curves
9. Mechanical pencil (lead holder) for 2 mm leads
10. 2-mm leads, in four hardnesses (4H, 2H, H, HB), each in a package of 2 leads
11. Lead sharpener (pointer) for 2 mm mechanical pencil
12. White vinyl eraser
13. Erasing shield
14. Graphite sketching pencils in six hardnesses: 2H–6B
15. Pencil sharpener, with a container for shavings
16. Rubber kneaded eraser
17. Drafting (dusting) brush
18. Drafting dots (currently out of stock; will arrive later)
19. Painter's tape, 1", green
20. Steel set square, protractor, and 12" rule (Staedtler Mars): 1 kit
21. Cutting mat, 12" x 18"
22. Ergonomic precision knife for #11 blades
23. Blade distributor with ten #11 blades
24. Push pins: box of 100 (clear)
25. Sketch tracing paper, 18" x 20 yds. (450 mm x 20 m), white: 1 roll
26. Kraft paper pad, 18" x 24", 40 sheets
27. Sketch book, 9" x 12"

Computer Equipment

A Windows laptop (rather than Mac) is recommended for architecture software such as Rhino, V-Ray, AutoCAD, and ArcGIS. A “good” or “better” computer is likely to be sufficient, as you can use a lab computer for more advanced graphics.

1. Laptop computer, Windows, 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. Check Best Buy, Staples, etc. for three options:
 - (a) Good: 9th generation Intel processor, 16 GB RAM memory, hard drive, graphics card for 1920x1080 (or higher) resolution
 - (b) Better: 10th generation (or higher) quad-core Intel processor, 16 GB RAM memory, solid state drive (SSD), graphics card for 1920x1080 (or higher) resolution
 - (c) Best: 11th generation (or higher) ten-core Intel processor, 32 GB RAM memory, solid state drive (SSD), graphics card with dedicated RAM for higher than 1920x1080 resolution
2. Cable lock or lock bracket for your laptop computer (and optional desktop monitor)
3. External hard drive for backups, with a capacity (e.g., 1TB–2TB) that is substantially larger than your laptop’s internal drive
4. Desktop monitor (optional), with a 22”–32” screen, that can reside in your studio space and be connected to your laptop.

Software: The university provides Microsoft Office 365 (Word, Excel, Outlook, PowerPoint, etc.) free to all students. (Go to my.dal.ca; at the top right, click on your initials > View account > Office apps.) During your first two terms, you will need to subscribe to Adobe Creative Cloud (Illustrator, Photoshop, InDesign, etc.) for around \$26/month. For lower educational prices on design software, wait until September, when you will be a full-time student.

Safety Equipment

These items are used during construction projects and visits to building sites. They are available from Mark’s (www.marks.com) and building supply stores.

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

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