

**DEPARTMENT OF ART and DESIGN at the University of Delaware**  
**Required & Recommended Supplies for First Year and Transfer Students**

**Core Courses and Overview of Supplies**

You will be guided through the order of Core Course registration by staff in the Art + Design Office, by your advisor, and in Colloquium.

<b>Freshman (first) Year</b>	<b>Sophomore (second) Year</b>
ART 209 Core Design	ART 208 Core Type
ART 235 Core Drawing	ART236 Core Painting
ART 284 Core Photography	ART245 Core Printmaking
ART 295 Core Ceramics	ART255 Core Sculpture
ART 205 Core Interactive Media	ART285 Core Moving Images
ART265 Core 3D Modeling	ART204 Media, Design & Culture

While each course will call for specific equipment and materials to complete projects, there are supplies required for the major at large. **Regardless of which courses you are registered for, you must have the following within your first two weeks of fall semester:**

- \_\_\_ External Hard Drives with specs for processing Photo and Video (“thumb” or USB Flash Drives, are *NOT* appropriate.)
- \_\_\_ [Digital Single Lens Reflex \(DSLR\) or Mirrorless Camera](#) and Accessories
- \_\_\_ Drawing Pads and Pencils / Pens
- \_\_\_ Notebooks and Sketchbooks
- \_\_\_ Straight edge (24” metal ruler with cork or rubber backing)
- \_\_\_ X-Acto knife and at least 100 blades
- \_\_\_ Pencil Sharpener (small and portable)
- \_\_\_ Art Bin / Tool Box for Supplies

**COMPUTER & SOFTWARE PURCHASES**

The department’s computer lab is equipped with MAC mini, Apple iMac and Apple Mac Pro computers loaded with the software needed for class work and assignments. Printers and scanners are also available. Therefore, it is not a requirement that students purchase computers.

However, most students prefer to have their own computer for the convenience of working both outside of class and during class laboratories.

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

**DEPARTMENT OF ART and DESIGN at the University of Delaware**  
**Required & Recommended Supplies for First Year and Transfer Students**

**Hardware:** If you would like to purchase a computer, we recommend that you buy the most recent MacBook Pro or MacBook Air (M2). As a student, you have access to educational pricing through Apple at the Barnes & Noble campus store. You can go to UD's site for a direct link: <https://sites.udel.edu/computing-purchases/buy-personal/>

If you are arriving on campus with a computer or considering a computer purchase, the following information will be helpful:

1. Apple computers are largely utilized in image based educational programs and careers, such as photography, graphic design and video. However, if your preference is for a PC, please know this is a perfectly acceptable product applicable to your studies at UD.
2. Install as much RAM (memory) as feasible in order to best handle large image digital files.
3. Purchase the fastest processor your budget allows (higher gigahertz, or GHz, for your CPU, or central processing unit).
4. Like memory, a large computer hard drive is essential for digital imaging processing.
5. It is important to purchase external hard drives to back up your work. **NOTE: A "thumb" or USB Flash Drive is NOT appropriate.**

**Software:** Educational software packages will prove beneficial throughout your four years of study at UD. Our computer lab has all the software you will need. Therefore, software is not required. However, if you have your own computer you will want to purchase the following recommended cross-platform (MAC and PC compatible) educational software:

1. Adobe's Creative Cloud, a subscription service where you pay an annual fee and have access to the complete set of Creative Cloud apps. Adobe's student discount: <https://www.adobe.com/creativecloud/plans.html?promoid=KSPAL>.
2. Microsoft Office Suite, a full compilation of programs for word processing, spreadsheets, etc. Educational discounts can be found directly through UD's Office of Educational Technology site: <https://sites.udel.edu/computing-purchases/buy-personal/>
3. University of Delaware students, faculty, and staff can download software licensed for their use from UDeploy, <https://udeploy.udel.edu/>.

**Insurance:** While it is not required, it is highly recommended that you have some type of insurance coverage for your equipment, as well as equipment borrowed from UD's equipment cage. You might be able to get a rider on your homeowner's policy or renter's insurance to cover this. [Read about UD's insurance policy here.](#)

For specific information on each item, you will find **Supply Lists pertinent to your Fall Schedule attached**. Read to better understand the specs before you purchase. NOTE: **YOU ARE NOT REQUIRED TO PURCHASE FROM THE LINKS on these lists.** They are to show you the specific items. If you can find these same items cheaper elsewhere, great!

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

**DEPARTMENT OF ART and DESIGN at the University of Delaware**  
***Required & Recommended Supplies for First Year and Transfer Students***

The following Core Courses carry a consumable fee. You will be required to pay this fee at the start of the semester in which you are registered for the specific course. Check with your professor / instructor at the start of the semester BEFORE paying these fees.

<b>Course Title</b>	<b>Amount</b>
<b>ART208 Core Typography</b>	<b>\$75</b>
<b>ART209 Core Design</b>	<b>\$75</b>
<b>ART235 Core Drawing</b>	<b>\$80</b>
<b>ART236 Core Painting</b>	<b>\$30</b>
<b>ART245 Core Printmaking</b>	<b>\$100</b>
<b>ART255 Core Sculpture</b>	<b>\$105</b>
<b>ART284 Core Photography</b>	<b>\$45</b>
<b>ART285 Core Moving Images</b>	<b>\$25</b>
<b>ART295 Core Ceramics</b>	<b>\$95</b>

For more information and/or questions contact:

Department of Art & Design

(302) 831-2244

[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

You *Must Own A Laptop Computer For This Course*. Please review the [Suggested Computer Requirements here \(add link\)](#)

[There is a course consumable fee](#) of **\$76.00 For Supplies**. You will be required to pay this fee at the start of the semester.

We purchase the following course supplies with your consumable fee to receive a bulk discount and ensure all classes have access. Many materials are shared amongst students.

Sketch Paper Spiral Pad 9" X 12"
Perfection 7058 Eraser Pencil
Raffine 4h Graphite
Raffine 6h Graphite
Bfng 4x4 Cross Section 11x17
Soho Bristol 14x17 Pad 20sht
Kum Magnesium Sharpener 2 Hole
Acurit #1 Knife W/Cap
Aa Ruler St Steel Flex Cork 18in
Play Cards Printed
Printed Magazines

You will need an additional **\$30 on your UD Student Card to print in the computer labs on campus.**

#### REQUIRED TEXTBOOK:

Item	Quantity	
Textbook: Thinking With Type, 2nd Edition, Ellen Lupton ISBN: 9781568989693	1	Buy at <a href="#">Barnes and Noble</a> , UD Bookstore or somewhere else ( <a href="#">Amazon \$15.39</a> )

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

You will need to add \$30 to your UD Student ID Card in order to print in the computer labs on campus.

Additionally, [there is a course consumable fee](#) of \$75 for shared supplies. You will be required to pay this fee at the start of the semester.

No need to purchase these materials individually, we purchase the following course supplies with your consumable fee to receive a bulk discount and ensure all classes have access. Many materials are shared amongst students.

Sketch Paper Spiral Pad 9" X 12"
India Ink 10Z
"Speedball" Pen Set
Concept Dual Tip Artist Markers
Black Marker Fine Tips Set
Excel K1 Knife #1 w/Cap
Excel 5pk Dexter Blade
Olfa Knife
Olfa Snap-Off Blade Pack - 18 mm, Pkg Of 5
Illustration Board 16" x 20"
Illustration Board 20" x 30"
Soho Bristol 14" x 17" Pad 20S
Scotch Positionable Mounting Adhesive
AA Ruler ST Steel Flex Cork 18"
Epson Ink Set 2 , Paper 2

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

**REQUIRED TEXTBOOK:**

***Drawing Essentials***, by Deborah Rockman, Paperback: 432 pages, Publisher: Oxford University Press, USA; 2nd edition, ISBN10: 0199758948, ISBN13: 9780199758944 ([on Amazon](#)) or later editions: 3<sup>rd</sup> <https://amzn.to/350NVma>, 4<sup>th</sup> <https://amzn.to/3ioPD8H>

**Materials may be purchased from any online or local retailer such as:**

- [BLICK Art Materials](#) (*Blick links are used below for ease and clarity*)
- [Jerry's Artarama](#)
- [Utrecht Art Supplies](#)
- [Michaels](#)

Pencil Kit for sketchbook: <a href="#">Blick Studio Drawing Pencils and Sets</a>
Hardbound sketchbook: <a href="https://www.dickblick.com/items/11879-1085/">https://www.dickblick.com/items/11879-1085/</a> or <a href="#">ProArt Spiral Bound Sketchbook - 11" x 8.5", 80 sheets</a>
<a href="#">General's Charcoal Pencil Drawing Kit No. 15</a>
<a href="#">Richeson Compressed Charcoal - Box of 10</a>
<a href="#">Rembrandt Soft Pastel Set - Assorted Colors, Half Sticks, Set of 15</a>
Pocket Color Wheel <a href="https://www.dickblick.com/items/pocket-color-wheel-5-18/">https://www.dickblick.com/items/pocket-color-wheel-5-18/</a>
6 sheets for pastels <a href="#">Legion Stonehenge Paper - 22" x 30", Cream, 90 lb</a>
IN CLASS Newsprint (rough surface), <a href="#">Blick Studio Newsprint Pad - 18" x 24", 100 Sheets</a>
IN CLASS White Paper Drawing Pad <a href="#">Blick Studio Drawing Pad - 18" x 24", 70 Sheets</a>
1 roll <a href="#">Artist Tape - 1" x 60 yds, White</a>
1 <a href="#">Staedtler Mars Plastic Eraser - Single Eraser</a>
1 X-Acto knife (with blades that fit) <a href="#">X-Acto Knife Set - No. 51</a>
Pencil Sharpener (small and portable) <a href="#">Kum Sharpener</a>
Drawing board – large enough to accommodate your 18" x 24" pad <a href="#">Blick Sketch Pad Boards</a> <b>and</b> two bulldog clips <a href="https://www.dickblick.com/items/x-acto-bulldog-clip-1-/">https://www.dickblick.com/items/x-acto-bulldog-clip-1-/</a>
1 Art Bin – or equivalent large tool/fishing tackle box <a href="#">ArtBin Essentials Lift-Out Tray Boxes</a>
1 Portfolio/envelope case that accommodates all of your semester drawings <a href="#">Blick Studio Series Softside Portfolio - 24" x 31", Black</a>

**Additional supplies will be necessary during the semester depending on your concept and amount of usage (such as charcoal, pastels, and papers).**

For more information and/or questions contact:

Department of Art & Design

(302) 831-2244

[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

These required materials will be discussed in class and are shown here in order of their need during the semester.

Additionally, [there is a course consumable fee](#) of \$100 for Inks, paper, emulsion, and other assorted shared supplies. You will be required to pay this fee at the start of the semester.

### Engraving

- [Copper plates: Copper Etching Plate](#)
- [Domestic Etching Paper](#) (2 sheets minimum. You are welcome to purchase more and you are welcome to consider other paper qualities. This is a good “beginners choice” printing paper), \$5.71 x 2, <https://www.dickblick.com/items/10421-1005/>
- [Block Printing Inks](#) (these inks will be used for etching and wood block prints. You can buy smaller/larger quantities at different prices. You will need to purchase at least two inks that can be mixed to create secondary colors. (Ex: Black and White, Yellow and Red, Blue and Red, etc.). THINK ABOUT YOUR COLOR CHOICES.
- Make sure you purchase OIL BASED INKS. \$6.59–\$6.82 each (or a little less than \$41 for 6 colors) <https://www.dickblick.com/products/speedball-oil-base-block-printing-inks/>
- [Blue Tape](#) \$4.89, [https://www.amazon.com/Intertape-Polymer-Group-PMD24-Designer/dp/B00F36XKCG/ref=sr\\_1\\_14?dchild=1&keywords=painters+tape&qid=1612384677&sr=8-14](https://www.amazon.com/Intertape-Polymer-Group-PMD24-Designer/dp/B00F36XKCG/ref=sr_1_14?dchild=1&keywords=painters+tape&qid=1612384677&sr=8-14)
- [Pencils, erasers, sharpies](#), etc.

### Relief Printing

- [Linoleum](#): not a rubber block, not a linoleum block. Unmounted. \$5.50, [Richeson Easy-to-Cut Unmounted Linoleum - 6" X 8"](#)
- Bristol Paper Pads: You will need at least two 11"x14" pads (you are welcome to purchase larger paper - it can always be cut down) \$9.30 x 2, [Strathmore 300 Series Bristol Pad - 11" x 14", Smooth, 20 Sheets](#)
- Brayer 4" \$13.86, [Speedball Soft Rubber Brayer - 4"](#)
- Lino Cutter (to be used for etching as well) 7.70, <https://www.dickblick.com/items/small-plastic-linoleum-cutter-handle-with-5-blades/>

### Screen Printing

- Speedball Screen Printing kit: [Speedball Beginner Craft Vinyl Screen Printing Kit](#)
  - This kit is a starter kit. If you think/know that you are interested in doing more screen printing in the future, please discuss with faculty. We will put together a more comprehensive list of materials to order for you.
- Ink Pens:
  - Molotow (better quality). Get “Signal Black”. There are numerous tips to choose from (ultra fine, fat tips, etc). \$7.50-9.00, [Molotow One4All Acrylic Markers and Sets](#)

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

OR

- Deco pens (cheaper quality, sold at Jerry's, Blick and Michaels). Get Black markers. Tips sizes range. \$15.00 for a set of four, for example, <https://www.dickblick.com/products/decocolor-paint-markers/>

OR

- You can use a paint brush and India Ink to make your positives. (***I do not recommend purchasing Blick "Black Cat" brand India Ink. It doesn't work well.***)
- India Ink (2 oz.) \$4.40, [Speedball Super Black Waterproof India Ink | BLICK Art Materials](#)
- Inks: Purchase at least 2 colors from this list. The above Screen Printing Kit comes with BLACK ink (don't buy Black ink twice!) \$22.46  
[Speedball Permanent Acrylic Screen Printing Ink and Set](#)
- Packaging Tape \$3.99,  
[https://www.amazon.com/Scotch-Start-Shipping-Packaging-Dispenser/dp/B01HGYM05K/ref=dp\\_fod\\_1?pd\\_rd\\_i=B01HGYM05K&psc=1](https://www.amazon.com/Scotch-Start-Shipping-Packaging-Dispenser/dp/B01HGYM05K/ref=dp_fod_1?pd_rd_i=B01HGYM05K&psc=1)

Additional Materials you may need (wait to purchase):

- Aluminum foil
- Scrub Brush (dish brushes)
- Plastic/Paper plates
- Pen
- Cardboard (can be recycled boxes, etc)
- Glue
- Rags
- Cleaning agent (Simple Green)
- Vegetable Oil
- Vinegar
- Scissors
- Exacto Knife
- Newsprint Pad \$8.54  
<https://www.dickblick.com/items/12402-1017>

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)



**This course carries a consumable fee and can be paid at the following link:**

<https://commerce.cashnet.com/UDELART>. You will be required to pay this fee at the start of the semester.

**ART255 Core Sculpture Fee: \$105**

Safety expendables, welding rods, mig wire, mig tips/shields, torch tips, brazing rod, wheels (grinding & saw) and assorted shared supplies

These items are to be purchased individually:

- Sketchbook For Sculpture (Similar to a Moleskine Large Sketchbook For Drawing 5.25x8.25 Inches [13x21 Cm] 100 Pgs [50 blank leaves])
- 1 Pair Leather Gloves
- 1 Pair Leather Shoes Or Boots. All Leather Uppers: No Man-Made Materials.\*
- 1 Pair Clear, Impact Resistant, Safety Goggles (Hard Plastic Type, Not Rubber)
- 1 Pair Pliers\*
- 1 Pair Wire Cutters\*
- Claw Hammer\*
- Two Screwdrivers (1 Phillips-Head, 1 Flat) Or A 4-In-1 Combination Screwdriver\*

**NOTE:** Items listed with an asterisk [ \* ] may be gently used; just making sure you know that you don't meet to buy them new.

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

These required materials will be discussed in class. Additionally, [there are course consumable fees](#) for both courses. You will be required to pay this fee at the start of the semester in which you have registered for the course.

**REQUIRED PHOTO & VIDEO EQUIPMENT (details below)**

1. Digital SLR or Mirrorless Camera (know where to find your on-line manual)
2. Waterproof Camera Bag (suggested)
3. at least 2 (two) 16GB to 32GB SD memory cards for your camera
4. Card Reader
5. External Hard Drive 1 TB / **NOTE:** A "thumb" or USB Flash Drive, is NOT an appropriate external hard drive for photo and video.
6. Sketchbook 8" x10" or bigger; 100+pages
7. Fluid Head Tripod (recommended)

**CAMERA, LENS, UV FILTER:** You will need your own camera for class assignments in several core courses, advanced photo video electives, and for documentation of all of your work in Core courses. Your digital camera must allow for operation in manual and automatic modes. Please follow these specifications:

- a. The camera must be at least 18 megapixels and be able to be remotely fired. The camera should also be able to shoot in RAW file format, be capable to be custom white balanced, and have HD and/or 2K video capability.
- b. Your camera should have the ability to use an off camera flash that has a sync cord port (PC in) and should be able to be operated with a remote electronic release.
- c. Kits often come with 18 to 55mm lenses. These are fine for beginners.
- d. Purchase a UV Filter for the lens—it protects your lens.
- e. A Few Recommended cameras for beginners: Nikon D3500 or D5600; Canon EOS Rebel T8i DSLR Camera, Canon EOS RP Mirrorless Camera or Canon EOS 800D; Sony ZV-E10 Mirrorless Camera or SONY Alpha7 Mirrorless camera.

If interested in learning more about the variety of digital cameras, you may wish to visit [The best budget DSLRs in 2023 | Digital Camera World](#) and/or [The best mirrorless camera in 2023: get the right camera at the right price!](#)

*Note: If you already own a DSLR and want to ensure it meets the specs, please email [artdepartment@udel.edu](mailto:artdepartment@udel.edu)*

**CAMERA GUIDEBOOK:** Be sure to get your hands on a good manual for your camera. *All manuals can be found on-line if you search for your camera model.*

**CAMERA BAG:** Recommended. If you do get one, best to get one that is waterproof!

**SD MEMORY CARD** (capture media): Purchase two 16GB or 32GB SD memory cards for your DSLR or Mirrorless camera. These will be used for shooting and transferring still images and video files throughout the entire semester.

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)

**CARD READER:** One USB3 or Thunderbolt card reader. (*Some computers have built-in card readers. Check your computer.*)

**PORTABLE EXTERNAL HARD DRIVES:** Students will not be able to save their work on the lab computers. Therefore, it is essential to have portable external drives. One drive will be the 'working drive' the other will be used for your back-up archive for **all Core courses**. The hard drives should be at *minimum* 1 TB. Both need to match your computer interface, therefore, check your computer to see the type of connection you have: Thunderbolt and/or USB 3 are preferred.

Recommended External Drive: LaCie Rugged Thunderbolt and USB 3.0 (1TB Hard drive)  
<https://www.lacie.com/products/rugged/>

**SKETCHBOOK:** You will be required to sketch and write about your ideas. Bring notebooks and/or sketchbooks to class. Preference is an 8x10 or larger book with 100+ pages.

You can find great deals on camera supplies. Online photographic suppliers:

- B&H Photo & Video, New York: [B&H](#)
- Webcam, Philadelphia: [Webbcam LLC](#)
- Adorama, New York: [Adorama](#)
- Freestyle Photographic Supplies, Los Angeles: [Freestyle Photo & Imaging logo](#)

**REQUIRED TEXTBOOK:**

For ART285 Core Moving Images: ***Film Directing Shot by Shot: Visualizing from Concept to Screen***, by Steven d. Katz (366 pgs); **Publisher:** Michael Wiese; **ISBN-10:** 0941188108; **List Price (approximate):** \$27.95

**RECOMMENDED PURCHASES:** The Department's equipment cage has a limited supply of tripods, filters, and traditional SLR (film) Cameras. Therefore, it is not required that you purchase these. You may find, however, that having this equipment available to you will provide you with the most flexibility as check out is first come, first served.

- a. Tripod: Professional grade fluid head tripod (Manfrotto and Bogen)
- b. Traditional SLR Camera: Get a used 35mm Nikon or Canon (or borrow from your parents!)
- c. Fixed Lenses: A "normal" fixed focus 50mm – 55mm lens at minimum
- d. Lens hood/shade for your lens(es)
- e. Polarizing filter for your lens(es)

For more information and/or questions contact:

Department of Art & Design  
(302) 831-2244  
[artdepartment@udel.edu](mailto:artdepartment@udel.edu)