NCAD Winter 2024 Book and Supply List

Recommended Computer System Specs for School Use:

Operating System: Apple® Mac OSX 13.0/ Windows® 11 Pro
Processor (CPU): Multicore Intel® processor with 64-bit support or M1 or M2 Apple Silicon processor
Graphics (GPU): 4GB VRAM Minimum
Memory: 16GB RAM Minimum
Hard Drive: 500GB – 1TB Recommended (SSD preferred)
USB Adapter: At least one female USB-1 to Male USB-c adapter

Adobe / Autodesk / ZBrush / Substance Software Minimum System Specs:

Operating System: Apple® Mac OSX 13.0 - 13.5 / Windows® 11 Home or Professional
Processor (CPU): 64Bit Intel or AMD Multi-core
Processor Graphics (GPU): 16GB VRAM Minimum
Memory: 16GB RAM Minimum
Hard Drive (Free Space): 1TB - 2TB Free Disk Space
USB Adapter: At least one female USB-1 to Male USB-c adapter

The following is a list of courses with their required and or recommended books and supplies for Winter Semester 2024.

Students, please refer to your academic grid and review your textbook and supply requirements. Order early to avoid potential delays in delivery. If you have any questions about course books or supplies contact your instructor by email (beneath the course title).

Freshman Courses

Literature
LIT 151

Instructor: Rory Zaugg • rzaugg@ncad.edu

The Odyssey
(any unabridged version)

Beowulf
(any unabridged version - new verse translation)

Goldman, William, *The Princess Bride*
(the *Good Parts* version)

Fraction, Matt, *Hawkeye - My Life as a Weapon*

Critical Thinking
CRT 151

Instructor: Dennis Butler • dbutler@ncad.edu

Required Textbooks

Daniel Kahneman, *Thinking, Fast and Slow*

ISBN-13: 978-0-374-53355-7

Art History I
ARH 151

Instructor: Valeria Riedemann • vriedemann@ncad.edu

Recommended Textbook :

Marilyn Stokstad and Michael Cothren, *Art History*, (5th ed.) vol. I/1-2 (portable) or vol. I

Compulsory (free access on Canvas)

Course Reader (for table of contents see pp. 7-8)

3D Design
DDN 151

Instructor: Nick Ogilvie • nogilvie@ncad.edu

No Required Textbooks

Required Supplies :

- **Plastalina modeling clay** - 4-5 pounds (white, cream, gray)
- **Sculpey Clay** - 1 pound Super Sculpey Medium
- **Tools** - Any assortment of sculpting tools (wax carvers work well)
- **Placemat/panel** - Any smooth flat surface to work on (keeps table cleaner)
- Armature Wire - Small gauge wire for interior support of sculptures
- Small Ruler

Linked list on blick.com :

- https://www.dickblick.com/lists/blicku/h1h46ul63jx46/

Figure Drawing
FID 151

Instructor: Derek Gundy • dgundy@ncad.edu

Required Textbook:

Osti, Roberto, *Basic Human Anatomy*
(Please be sure to have this textbook delivered before the beginning of the semester.)

https://www.amazon.com/Basic-Human-Anatomy-Essential-Artists/dp/1580934382/ref=sr_1_1?crid=L4IV6UNA8G9I&keywords=basic+human+anatomy+by+roberto+osti&qid=1701018770&sprefix=basic+human+anatomy%2Caps%2C173&sr=8-1

Required Supplies:

- 9x12 Sketchbook – always essential, bring to every class
- 12" clear ruler
- 14x17 Drawing Paper Pad (or larger)

An assortment of drawing materials based on your preferences:

- Graphite Pencils – harder to softer
- Charcoal or charcoal pencils
- Value Markers – (may be used for some projects)
- Erasers
- Sharpener, etc… (anything that will be helpful to you in drawing the figure)

Color Theory
COT 151

Instructor: Carli Hillman • chillman@ncad.edu

Required Supplies:

Windsor & Newton Designer Gouache

- Cad Lemon 14ml
- Cad Yellow Pale 14ml
- Flame Red 14ml
- Rose Tyrien 14ml
- Turquoise Blue 14ml
- Ultramarine 14ml
- Permanent White 37ml
- Ivory Black 37ml

(Be prepared to purchase more tubes as the semester progresses)

- Bristol Pad 11" x 14" Vellum (surface for painting).
- Brushes – Assorted round and flat, at least one ½" or ¾" flat

- (for water-based paint).
- Paint Palette - Any kind with wells for mixing paint.
- Water Cup - Any small container(s) for holding water.
- Eyedropper – Controlled addition of water to paint
- X-Acto Knife - Cutting swatches and other work (utility knife works too).
- Ruler - Must be metal and cork backed 10 inches +.
- Cutting Mat - 9"x12" minimum (any size = or +).
- Adhesive - Artist tac adhesive sheets or quality glue.
- Binder - All work will be kept in a binder that will be graded together.
- Sheet Protectors - 3 hole punched clear plastic for use in binder.
- Scissors - General use throughout projects.
- Pencils and Erasers - For sketching, shading, and layout.
- Masking tape - Removable tape for masking artwork.

Junior Courses

Vis Comm
VIC 301

Instructor: Valeria Riedemann • vreidemann@ncad.edu

Recommended Books:

M. Sturken and L. Cartwright, *Practices of Looking: An Introduction to Visual Culture.* Oxford University Press, 2001.

Compulsory (free access on Canvas)

Course Reader and articles

Business Writing
BUW 301

Instructor: Lisa Garel • lgarel@ncad.edu

No Required Textbooks

Anthropology
ANT 301

Instructor: Sara Salazar • ssalazar@ncad.edu

Required Textbooks:

Lavenda, Robert H. and Emily A. Schultz, eds. (2020) *Anthropology: What Does It Mean To Be Human?* 5ᵗʰ ed. Oxford University Press.

Harari, Yuval N. (2015) Sapiens: A Brief History of Humankind. Harper.

Advanced 3D Design
DDE 301

Instructor: Nick Ogilvie • nogilvie@ncad.edu

No Required Textbooks

Required Technology :

Adobe CC, Autodesk Maya, ZBrush Core Mini

Motion Design
MOD 301

Instructor: Topher Welsh • twelsh@ncad.edu

No Required Textbooks

Advanced Painting
PAI 301

Instructor: Carli Hillman • chillman@ncad.edu

No Required Textbooks

No required textbooks for this studio class

- **Sketchbook:** 9x12 mixed media sketchbook – 90# and/or meant for mixed media (to prevent tearing or warping).
- **Drawing tools:** Just use what you're comfortable with – but I personally love mechanical pencils.
- **Surfaces Used:** Depending on your medium of choice: Canvas, canvas board, or Illustration board - size 11x14"
- For thinner water media: 140lb watercolor paper Cold Press / Hot Press
- **Palettes:** Palette with large size mixing areas for medium of choice.
- Your choice of media is up to you. I recommend the following materials for each paint type:
- **Oil Paint:** Black, White, and Primaries: Red, Yellow, and Blue. Linseed oil, Galkyd, Walnut Alkyd Medium, or Liquin for faster drying time. Do not use solvents in classroom to clean brushes.
- Contain oil (to remove paint off of brushes) inside a jar with a cleaning "coil" at the bottom. The **"Silicoil Brush Cleaning Tank" jar** works well. Then fully clean brushes at home.
- **Acrylic Paint:** Black, White, and Primaries: Red, Yellow, and Blue. I recommend Liquitex Professional Heavy Body Acrylic Paint.
- **Gouache:** Black, White, and Primaries: Red, Yellow, and Blue. I highly recommend M Graham & co. as they are amazing quality and texture.
- **Watercolors:** Watercolor Pencils and/or watercolors. I use Derwent Watercolor Pencils, they blend really well. For watercolor paints, I highly recommend M Graham, & Co.

- **Brushes:** Synthetic medium-small brushes, and one larger soft brush for washes of color. I will show you the ones I use! I tend to paint smaller, and use a lot of detail and mid-range brushes. What you will need will depend on what you are creating.
- **Additonal**: Painter's Tape 1", water cup, Paper Towels or rags, graphite transfer paper.

Animation (Formerly Intro to Time-Based Media)
ANI 301

Instructor: Nick Ogilvie • nogilvie@ncad.edu

No Required Textbooks

Required Technology:

Adobe CC, Digital input device

Graphic Design
GRD 301

Instructor: Don Moore • dmoore@ncad.edu

No Required Textbooks

Required Supplies :

Sketchbook or notebook

3D Media Arts (Formerly 3D Entertainment Art Foundations)
DMA 301

Instructor: Aaron Kapral • akapral@ncad.edu

No Required Textbooks

Required Technology:

Maya 2020 or newer, Adobe Photoshop, Unreal, Substance Painter, and ZBrush.

<p style="text-align:center"><strong style="color:green">Senior Courses</p>

Principles of Finance

LIT 451

Instructor: Lisa Garel • lgarel@ncad.edu

No Required Textbooks

Ethics
ETH 451

Instructor: Jerome Schmelzer • jschmelzer@ncad.edu

Reading Material will be Provided by Instructor

Required Supplies :

Computer with ability to do word processing, and attend Zoom meetings

Senior Thesis I
SET 401

Instructor: Don Moore • dmoore@ncad.edu

No Required Textbooks

Required Supplies :

- Sketchbook or notebook

Intermediate Illustration
ILL 451

Instructor: Derek Gundy • dgundy@ncad.edu

No required textbooks

Required Supplies :

- A traditional sketchbook (regardless of digital preference)
- Proper devices for digital work, if digital work is preferred.

(Contact your instructor with any questions about supplies)

Advanced 3D Modeling (Formerly model design 2)
DMO 451

Instructor: Joel Blakely • jblakely@ncad.edu

No required textbooks

Required Technology:

Autodesk Maya 2020 or newer, Substance Designer, Substance Painter, Unreal, Zbrush and a computer capable of running these programs.

Design Production
LIT 451

Instructor: Don Moore • dmoore@ncad.edu

No required textbooks

Required supplies :

Sketchbook or notebook

Capstone I
CAP 451

Instructor: Topher Welsh • twelsh@ncad.edu

No Required Textbooks

Required Technology:

Adobe CC, Maxon Suite, Cinema 4D, Substance Painter, Video Copilot Element 3D, Joysticks 'n Sliders, DUIK, BattleAxe : Rubberhose, Adobe XD.

Portfolio I
POR 401

Instructor: Don Moore • dmoore@ncad.edu

No Required Textbooks

Required Supplies :

• Sketchbook or notebook

Portfolio II
POR 451

Instructor: Don Moore • dmoore@ncad.edu

No Required Textbooks

Required Supplies :

- Sketchbook or notebook

Externship
EXT 451

Instructor: Kurt Ikemeier • kikemeier@ncad.edu

No Required Textbooks