



## TEXTBOOK/MATERIAL/HARDWARE/SOFTWARE REQUIREMENTS

FALL SEMESTER 2022

### **Recommended Computer System Specs for School Use:**

Operating System: Apple® Mac OSX 12.0/ Windows® 11 Professional Processor (CPU): Multicore Intel® processor with 64-bit support or M1 Apple Silicon processor  
Graphics (GPU): 4GB VRAM Minimum  
Memory: 16GB RAM Minimum  
Hard Drive: 500GB – 1TB Recommended (SSD preferred)

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

Operating System: Apple® Mac OSX 12.0 - 12.5 / 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): 256GB - 1TB Free Disk Space

**The following is a complete list of the courses offered for the FALL 2022 Semester.**

**Students, please refer to your academic grid and review your textbook and supply requirements. Order early due to the potential delay in delivery. If you have any questions, contact your instructor by the email beneath the course title. Classes begin Tuesday, September 6, 2022.**

### **FRESHMAN COURSES**

#### **WT101 ENGLISH COMPOSITION 1**

Instructor: Dennis Butler • [dbutler@ncad.edu](mailto:dbutler@ncad.edu)

"They Say / I Say": The Moves That Matter in Academic Writing - 3rd Edition ISBN-13: 978-0393935844

About \$5 used on [AbeBooks.com](https://abebooks.com)

The Elements of Style, 4th Edition ISBN-13: 978-0205309023  
\$8.95 on [Amazon.com](https://amazon.com)

## **AT101 ART INTRODUCTION**

Instructor: Valeria Riedemann • [vriedemann@ncad.edu](mailto:vriedemann@ncad.edu)

No Textbook Required

Laurie Schneider Adams, *The Methodologies of Art: an introduction*.

(I provide scanned chapters of it, and the book is in the NCAD library, but it's good to have it)

## **CS101 COLLEGE SUCCESS STRATEGIES**

Instructor: Kurt Ikemeier • [kikemeier@ncad.edu](mailto:kikemeier@ncad.edu)

Required Textbook - Manage Your Day to Day, Build Your Routine, Find Your Focus by Jocelyn K. Gleib. As low as \$2.50 on Amazon used books

## **DR101 DRAWING**

Instructor: Derek Gundy • [dgundy@ncad.edu](mailto:dgundy@ncad.edu)

No Textbook Required

The following items for **Derek Gundy's Drawing Class** come in the required kit you purchased through Artist & Craftsman. Derek will be distributing those kits to students who pre-ordered them online before August 5th. **Please bring your receipt for this kit to Orientation.**

**Here are the kit items from Artist & Craftsman:**

**Strathmore 400 Series Recycled Sketch Pad, 9" x 12", 60lb, 100 Sheets**  
**Strathmore 400 Series Toned Sketch Pad, 9" x 12", 80lb, 50 Sheets, Tan**  
**Toison d'Or Artist Drawing Pencils HB, 2B, 4B, 6B**  
**Kneaded Eraser**  
**Faber Castell Pitt Artist Brush Pen, Black**  
**Faber Castell Pitt Artist Pen, Superfine, Black**  
**Faber Castell Pitt Artist Pen, Fine, Black**  
**Faber Castell Pitt Artist Pen, Medium, Black**  
**Art Alternatives Cork-Backed Ruler, 12"**  
**C-Thru Flexible Inch & Metric Plastic Ruler, 12"**

Other supplies will be recommended on your first day of class. The items in the NCAD Art Kit will enable you to be prepared for the beginning of your class. Some of these items will also be used in your 2D Design class with Michael Wilford.

One of the reasons we had a delay on the kit was due to the VALUE MARKER set I typically use not being available – at least at the time we were putting the kit together...so it was removed.

I would like to ask all students to find a basic set of value markers, or buy a small assortment of separate markers, in cool and warm greys. These won't be needed for the first class, but will be needed a few weeks in. Below is the kind I use. Faber Castell is water based and will not bleed through your paper and will not have a toxic smell.

### **Faber Castell Pitt Artist Brush Pen Set, Shades of Gray**

Other value markers are acceptable too, maybe you already have some, or find another kind. Alcohol based and solvent-based markers may bleed through your paper, so just be aware of that as you get started. It is easily solved by having a piece of chipboard or heavy paper in between your sketchbook pages.

## **DT101 2D DESIGN THEORY**

Instructor: Michael Wilford • [mwilford@ncad.edu](mailto:mwilford@ncad.edu)

No Textbooks Required

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**- 2D Design Theory Supplies List -**  
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**- ART KIT -**

Strathmore recycled sketch pad  
400 series, 60LB, 100 sheets, wirebound - 9" x 12"

Toison d'Or Artist Drawing Pencils: HB, 2B, 4B, 6B

Large, kneaded eraser

Faber-Castell Pitt artist pen  
Black - Superfine

Faber-Castell Pitt artist pen  
Black - Fine

Faber-Castell Pitt artist pen  
Black - Medium

k1 Light duty knife w/ 11 blade

Art Alternatives ruler  
stainless steel, flexible, cork back - 12"

C-Thru Flexible Inch ruler  
Inch and metric - 12"

Strathmore bristol pad  
300 series, 100LB, 20 sheets, vellum - 11" x 14"

Strathmore gray scale paper pad  
400 series, 80LB, 15 sheets - 9" x 12"

Princeton Real Value 9100 brush set  
Orange synthetic golden taklon shot handle - 6pc

M. Graham gouache  
Titanium dioxide (white) - 15ML

M. Graham gouache  
Ivory black - 15ML

M. Graham gouache  
Ultramarine blue - 15ML

M. Graham gouache  
Naphthol red - 15ML

M. Graham gouache  
Hansa yellow - 15ML

Sharpie fine - Black

**- NOT IN ART KIT -**

Pencils for sketching and developing design ideas

Some kind of simple paint mixing palette (wax paper on cardboard in a pinch)

Plastic yoghurt cup or small glass jar for water (cleaning brushes)

Scissors

High Quality Mechanical Pencil (.7mm lead)

Extra .7mm lead (HB)

Some circular lids of various sizes for drawing larger circles (yoghurt lids, jar lids etc.)

**- OPTIONAL -**

White Rectangular Eraser (good for cleaning up large areas)

Pen Shaped Retractable Eraser with refills (good for cleaning up detail)

1 clear plastic triangle

Compass with pencil for drawing circles

**DS101 SURVEY OF DIGITAL ART APPLICATIONS 1**

Instructor: Nick Ogilvie • [nogilvie@ncad.edu](mailto:nogilvie@ncad.edu)

Software Required:

Adobe Creative Cloud (subscription needed) Autodesk Maya (free to students)

**SOPHOMORE COURSES**

**KS251 CREATIVE WRITING**

Instructor: Dennis Butler • [dbutler@ncad.edu](mailto:dbutler@ncad.edu)

101 Creative Writing Exercises ISBN-13: 978-0615547855 \$8.99 on [Amazon.com](https://www.amazon.com)

Bird by Bird: Some Instructions on Writing and Life ISBN-13: 978-0385480017  
\$8.69 on [Amazon.com](https://www.amazon.com)

## **PSYCHOLOGY – SK 251**

Instructor: Dennis Butler • [dbutler@ncad.edu](mailto:dbutler@ncad.edu)

Discussing Psychology

NOBA project *open textbook – no charge* <http://noba.to/kexusf2t>

## **VC251 VISUAL DEVELOPMENT**

Instructor: Don Moore • [dmoore@ncad.edu](mailto:dmoore@ncad.edu)

NO TEXTBOOK REQUIRED

Required Supplies: Please bring these items to the first class.

You must have both a Sketch Book and a Strathmore Toned Paper Sketch Book (choice of tan or gray) I prefer the tan as it has a warmer tone.

9x12 Sketch Book.

9x12 Strathmore Toned Tan Sketch Pad (STR-412-9) or Toned Gray Sketch Pad (STR-412-109)

Simple Clear Plastic Ruler, 12" Transparent is key. Product # CTH-36

White Uniball Signo Pen SAN-64538 This will be used for fine white highlights. This pen is great for light over dry dark areas in your drawings. Any type of white gel pen would be fine.

Faber-Castell Pitt Artist Pens: These come in a variety of tips, and the water-based inks are permanent and waterproof when dry. They also do not bleed into or through most papers.

Basic recommendations: A few of these selections will be good to start with –

Black Pens – B (Brush) M (Medium) F (Fine) S (Small) XS (Extra Small). Just get a range of tips that will generate varying line weight. Sakura Micron Pens work well too and also come in similar tips.

The main key is to work with pens that have pigmented ink that do not smudge easily. Pens that smudge and leave blobs of ink on a ruler or at the end of a line should be avoided. If possible, try your pens and markers out before purchasing.

Gray Scale Markers: Pitt Pen Brush Tip. Purchase a range of grays in the brush tips. You can choose warm or cold range. A complete range of grays in the Pitt Brush Pens would be the numbers 1, 3, 4, and 5. The numbers vary in warm or cold but usually just in the darker grays. 1 is very light and 4 or 5 are quite dark, closer to black.

## **TP 401 TYPOGRAPHY 2 – TP 401**

Instructor: Don Moore • [dmoore@ncad.edu](mailto:dmoore@ncad.edu)

No Required Textbooks:

## **GD401 GRAPHIC DESIGN 2**

Instructor: Don Moore • [dmoore@ncad.edu](mailto:dmoore@ncad.edu)

No Required Textbook

## **VS251 VISUAL STORYTELLING**

Instructor: Nick Ogilvie • [nogilvie@ncad.edu](mailto:nogilvie@ncad.edu)

Books Referenced (not required):

Framed Ink - Marcos Mateu-Mestre Exploring Storyboarding - Wendy Tumminello Directing the Story - Francis Gilebas

Required Materials List:

Digital Pen Tablet or Digital Pen Display or Pen Computer

Disclaimer - NCAD computers compatible with Wacom brand digital input devices. Any other device must be used with a personal laptop or be a stand-alone device like an iPad.

Required Software List:

Adobe Photoshop (can be substituted if using your own computer or stand-alone device) Adobe After Effects

## **SI251 SURVEY OF ILLUSTRATION**

Instructor: Valeria Riedemann • [vriedemann@ncad.edu](mailto:vriedemann@ncad.edu)

No Textbooks Required

Heller and Swast, *Illustration: A visual history*.

(I provide scanned I provide scanned chapters of it, and the book is in the NCAD library, no need to buy it).

## **DI251 IMAGERY & DESIGN**

Instructor: Carli Hillman -[cchristina@ncad.edu](mailto:cchristina@ncad.edu)

Textbook: none

List of materials:

- Adobe Photoshop 2022
- Internet access
- Access to a camera (good quality phone camera or DSLR camera)

## SENIOR COURSES

### MT351 MODEL TEXTURING

Instructor: Carli Hillman/Danny Peterson • [dpeterson@ncad.edu](mailto:dpeterson@ncad.edu) [cchristina@ncad.edu](mailto:cchristina@ncad.edu)

Textbook: none

List of hardware and software:

Maya 2022

Substance Painter

Unreal

Photoshop

computer and access to Wi-Fi

3-button mouse

### MS 351 MODEL SHADING & LIGHTING

Instructor: Joel Blakely • [jblakeley@ncad.edu](mailto:jblakeley@ncad.edu)

No textbook required

Hardware/Software Requirements:

Students must have a computer that can run both Substance Designer, Substance Painter, and Maya without difficulty.

### PC351 POP CULTURE

Instructor: Valeria Riedemann • [vriedemann@ncad.edu](mailto:vriedemann@ncad.edu)

No textbook required

Danesi, *Popular Culture: introductory perspectives*



(I provide scanned chapters of it, and the book is in the NCAD library, but it's good to have it)

All other complementary readings will be uploaded to the LRS.

### **SM351 SOCIAL MEDIA BRANDING**

Instructor: Paul Laxamana • [plaxamana@ncad.edu](mailto:plaxamana@ncad.edu)

No Textbook Required

### **BP401 BUSINESS ENTREPRENEURSHIP**

Instructor: Paul Laxamana • [plaxamana@ncad.edu](mailto:plaxamana@ncad.edu)

Required Textbook:

The Back of the Napkin (Expanded Edition): Solving Problems and Selling Ideas with Pictures

By Dan Roam

### **TP 401 TYPOGRAPHY 2 – TP 401**

Instructor: Don Moore • [dmoore@ncad.edu](mailto:dmoore@ncad.edu)

No Required Textbooks:

### **GD401 GRAPHIC DESIGN 2**

Instructor: Don Moore • [dmoore@ncad.edu](mailto:dmoore@ncad.edu)

No Required Textbook

### **IMD401 ADVANCED MOTION DESIGN**

Instructor: Topher Welsh • [twelch@ncad.edu](mailto:twelch@ncad.edu)

There will be open-source academic articles provided by the instructor.

## **IL351 ILLUSTRATION 1: FUNDAMENTALS**

Instructor: Derek Gundy • [dgundy@ncad.edu](mailto:dgundy@ncad.edu)

No Textbooks Required

### **Supplies & Technology**

For this first semester Illustration course – you will be required to have:

9x12 Sketchbook at all times – we often will take class time to develop our ideas visually in our sketchbooks. This course also includes several “quick draw” exercises in between major projects for shaking off creative cobwebs along the way. Always be ready to develop ideas on paper.

No textbook is required for this class – but many inspiration references will be provided.

For media – you may use traditional media – or digital media. At this point you should be gravitating to something you find success with. Sometimes a combination of traditional and digital media may be acceptable. Shoot for consistency and reliability with your choices in tools. Traditional media will absolutely require excellent photography or scanning.

This class affords you plenty of in class studio work time, and high demands for home studio work as well.

Regardless of your illustration tools, you should be able to always move forward on a project here in the classroom. Digital tools such as Photoshop are great – but so are other programs like Autodesk Sketchbook, Clip Studio Paint, or Procreate. If you’ll be working in watercolors or gouache, or any other traditional media, be sure to be prepared with all of what you’ll need.

All students will be required on occasion to produce a few prints of their work – even though we might be reviewing works on a screen, we are also producing things for print. Minuteman Press is a great benefit to us just across the street, but please allow the appropriate time for them completing those prints (not minutes before a presentation)