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PRINTSHOP &  
PAPER STUDIO

# Printshop and Paper Studio



**Founded in 1886, Minneapolis College of Art and Design is located in the rich art-and-design community of the Twin Cities. Recognized nationally and internationally for its innovative approaches to art and design education, MCAD is home to approximately 800 students from 45 states and 15 countries.**

**MCAD is a close, supportive, and transformative community that impacts graduates their entire lives.**



**The Print, Paper, Book Department at MCAD is unique in many ways, and by national comparison represents one of but a few undergraduate programs in the nation that offers a degree focusing on printmaking, papermaking, and bookmaking. In addition to supporting the needs of Print, Paper, Book majors, the program's courses are taken by a broad range of students from other disciplines and the Printshop and Paper Studio serves an estimated 400+ users each semester including members of community at-large.**

**The creative energy and passion for all things print, paper, and book is tangible throughout all conversations among students, faculty and staff, and there is a strong and generative rapport that is built on mutual respect. The PPB program directly supports the mission, vision, and values of the school by offering rigorous and intensive undergraduate study to facilitate creativity, innovation, and engagement with the greater community.**





# Printmaking Studio

MCAD's 5000 square foot Printmaking Studio offers Print, Paper, Book courses to students in various print media. Enjoy the pleasant and spacious atmosphere of the 4th floor Printshop where skylights provide natural lighting. In the interest of health and safety, the Printshop uses oil based and water based inks, ferric chloride for safer etching of copper plates, a rag service, and non-toxic clean up methods. The Printshop conducts ongoing research to use the safest printmaking processes available. A spray booth and ventilation system provide a safe exhaust for aerosols and organic vapor solvents. All inks, newsprint, rags, and chemistry for printmaking processes are supplied. Additionally, there are 35 tool cabinets with tools ready for checkout, including– Book making tools, wood cutting/ engraving tools, gelli plates, intaglio tools, lino cutters, and a dremel.



# Intaglio



- + American French Tool press, 38" x 52"
- + Osaka press, 18" x 40"
- + Takach Press, Large, 40" x 72"
- + Kughler Etching Press, 11" x 22" x 13"
- + Takach Press, 24" x 48"
- + Two hot plates, 27" x 36"
- + Plate shear, 36" wide
- + Horizontal and vertical etching baths, blotting and soaking facilities
- + Intaglio Press Boards
- + Aquatint boxes, 33" x 20"
- + Glass topped work stations, 4' x 8', 45" x 35", 35" x 90"
- + Parts Washer
- + Oil based inks
- + Spray Booth, 48" x 48" x 24"
- + Drying racks

# Screenprinting



- + 4' x 6' custom built exposure unit,
- + Screen Library, fabric and paper (50 screens ranging from 20" x 24" to 42" x 66") updated quantity
- + Fabric Printing Table (68" x 144")
- + Two vacuum tables (48" x 72" & 15" x 25)
- + 16 non-vacuum printing stations with built in screen storage
- + Light table 29.5" x 39.5"
- + Waterbased inks
- + Two electric screen dryers, 30" x 36"
- + Stainless steel washout sink, 30"x136"x12"
- + 65 squeegees from 2" to 42"
- + Screen storage racks
- + Accessible screen printing station
- + Screen reclamation area of 3' x 10' with 2 pressure washers
- + Three emulsion remover dip tanks
- + Three print drying racks



# Letterpress, Relief and Bookmaking



- + Vandercook 219 press, 25" x 19"
- + Golding Pearl Platen Printing Press, 1901, 11.5" x 8" Provisional Press
- + Platen press, Kelsey, 6" x 10"
- + Showcard press, 25" x 34"

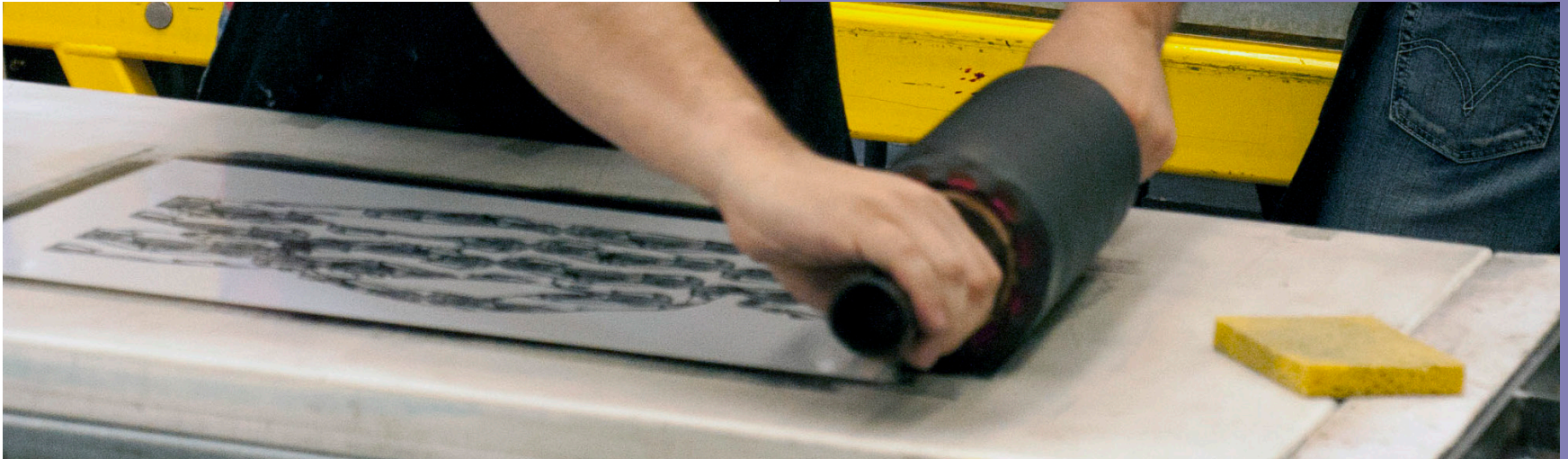
- + Metal and wood type, over 150 fonts and sizes
- + Boxcar and magnetic bases
- + Takach Press, Medium, 30" x 60"
- + 3 Nipping presses, 10" x 15"
- + Freestanding Screw-Type Book Press



- + Challenge Guillotine Paper Cutter, 26.5" cutting width
- + Kuttrimmer 1080, 23.5" x 31.25"
- + Book cradles
- + Book weights,
- + Perfect binding press
- + Finishing press
- + Oil based and rubber based inks
- + Corner rounder, 1/8" and 1/2" corners
- + Rubber stamp library and archives
- + Drying racks.



# Lithography



- + Three Takach Litho presses, from 23.5" x 45" to 33.5" to 56"
- + Takach Litho press, 33.5" x 56"
- + 67 stone library ranging from 8" x 9" to 30" x 42"
- + Glass covered inking stations, 26" x 42.5" --- 147.5" x 18.5"
- + Graining sink, 38" x 96"



- + 3 Levigators, 8", 11", 12"
- + Oil based inks
- + Hydraulic stone lift, 30" x 32.5"
- + Drying rack, 30.5" x 48"
- + 8 leather rollers, 13" - 21" wide
- + 12 composition rollers

## Darkroom for Lithography Wet and Dry Work Areas

- + Wet and dry work areas
- + Stainless steel developing sink, 2' 6" x 5'
- + Amergraph 150 Metal Halide exposure unit, 30.5" x 40.5"
- + Developing trays, various sizes
- + Automatic plate dryer automatic dryer for plates
- + Beseler enlarger
- + Kutrimmer, 9.5" x 13.75"

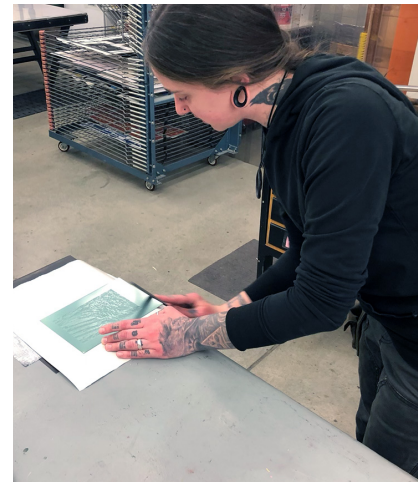


# Photogravure Darkroom



- + Jon Edwards UV Exposure Unit, 16" x 20"
- + Kutrimmer 1071, 20" x 30"
- + Film Drying Cabinet, 24" x 26"
- + Dry work area, 29" x 72"
- + Sink and ventilation, 29" x 118"

# Waterbased



- + Takach Press, 24" x 48"
- + Kutrimmer 1080, 23.5" x 31.25"
- + Praga press, 13" x 24"
- + Akua Intaglio and Akua Kolor inks



# Mobile Printing Unit

A cargo bike equipped with storage for printmaking supplies that can be used at MCAD or in the greater community for printmaking events.



## Digital Lab and Paper Tearing Area

- + Mac Computer Workstation
- + Scanner: EPSON Expression 10000 XL, 11" x 17"
- + Paper Tearing Area, 4' x 7'
- + Registration Hole Punch





# Papermaking Studio

MCAD's Papermaking Studio provides students with a Wet Studio and a Dry Studio and the equipment needed to explore a range of papermaking techniques. Students can create Western and Japanese paper, cast paper, and create large sheets of paper. Processes like making paper from botanicals, fabric, linters, or recycled paper are taught in papermaking classes. Students need to provide their own fiber and pulp, and the basic chemicals, dyes and pigments are supplied by the Paper Studio.



# Wet Paper Studio



- + David Reina Beater, 41" x 25"
- + David Reina Beater with washer, 41" x 25"
- + David Reina Vacuum Table, 4' x 6'
- + Hollander Beater, 45" x 26"
- + Stainless Steel Vat, 38" x 42"
- + Vats of assorted sizes on casters, 38" x 66"
- + Tim Moore Western Moulds
- + Various sizes of Eastern and Western Moulds
- + Stove and equipment for cooking pulp, 30" x 15"



- + Pulp sprayer
- + Refrigerator,
- + David Reina Paper Press, 24" x 33"
- + Felts, 25" x 36"
- + Heated metal sheet dryer, 35" x 46"
- + Large papermaking screens, 36" x 59.5", 39" x 60", 39" x 60", 33.5" x 99", 48" x 70", 39" x 60", 40" x 65"
- + Aardvark Paper Press, 16" x 24"
- + Rack for holding moulds/deckles



# Dry Paper Studio



- + Restraint drying system for sheets up to 23" x 32"
- + 2 Drymount presses 26" x 34" 15.5" x 17.5"
- + David Reina Drying Box, 40" x 30"
- + Large work table 5' x 8'
- + Praga Printing Press 13" x 24"
- + Whelan Printing Press 28" x 60"
- + 2 paper cutters, 15" & 30"
- + Glass work station, 27" x 68"
- + Water based printing inks
- + Small work table, 61" x 97"
- + Flat files
- + Nipping press
- + Loom, 36" width

## OSHA/Safety Equipment



- + 1 eyewash/shower station in Lithography
- + 1 eyewash station in Wet Paper Studio
- + 1 eyewash/shower station in Acid Room
- + 1 hazardous/flammable waste storage in Acid Room

MCAD's Printshop and Paper Studios are open to degree seeking and Continuing Education students enrolled in a Print, Paper, Book class. Students have secure access to the studios after hours by using their MCAD ID. A Late Night Personal Proposal can be submitted by Print, Paper, Book Majors and Minors, MFA students, and undergraduate students taking more than two Print, Paper, Book classes for 24 hour access.



After taking a class, it only takes a few minutes to fill out a Printshop or Paper Studio Personal Proposal and sign the Rules form, and return them to the Printshop Director in order to gain access for independent studio work in the future.

Hours may be limited during summer session and the Printshop and Paper Studio are closed for access during holiday periods. Please see the department intranet pages for proposal forms, and detailed information on hours, access and policies.

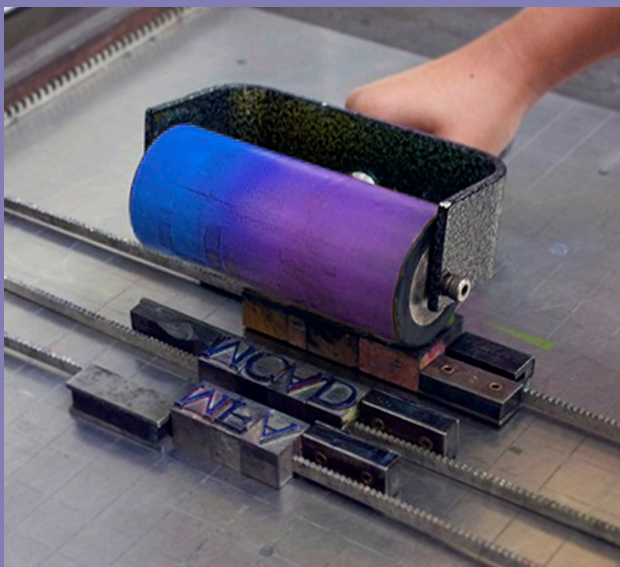
To request accommodations for the Printshop or Paper Studio, please contact MCAD's Learning Center and Disability Services at [disability\\_services@mcad.edu](mailto:disability_services@mcad.edu)

Questions? Email [printmakingstudio@mcad.edu](mailto:printmakingstudio@mcad.edu) or [paperstudio@mcad.edu](mailto:paperstudio@mcad.edu) or visit the intranet pages for forms at <https://intranet.mcad.edu/department/printshop> <https://intranet.mcad.edu/department/papermaking-studio>





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2501 Stevens Avenue, Minneapolis, MN 55404  
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