

Printmaking II

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PRNT 2325, CRN 11370, Section 001

Class Hours: 8:30 am - 11:20 am Monday and Wednesday, Rooms 151 & 264 FOXA

Optional Text: "Printmaking: A Complete Guide to Materials & Process", Fick and Grabowski, 2nd Edition

COVID-19 Information

Please stay home if you have been diagnosed with COVID-19 or are experiencing COVID-19 or flu-like symptoms. If you are feeling unwell, please let me know as soon as possible via email. If you have tested positive for COVID-19, you are encouraged to report your results to covidaction@utep.edu, so that the Dean of Students Office can provide you with support and help with communication with your professors. The Student Health Center is equipped to provide COVID-19 testing.

The Center for Disease Control and Prevention recommends that people in areas of substantial or high COVID-19 transmission wear face masks when indoors in groups of people. The best way that Miners can take care of Miners is to get the vaccine. If you still need the vaccine, it is widely available in the El Paso area, and will be available at no charge on campus during the first week of classes. For more information about the current rates, testing, and vaccinations, please visit epstrong.org.

During the current pandemic situation, protective face coverings are strongly recommended. You are encouraged to wear a face mask especially when indoors and during class. Masks should fit securely over the mouth and nose. You are also encouraged to wash your hands frequently or use a hand sanitizer.

When using the print lab in class or during lab hours, wipe down your personal work areas before and after use. Cleaning materials will be available in the lab. Wear gloves and clean your hands frequently when using common materials and equipment like presses, blankets, rollers, exposure unit, acid baths, blotters, large rulers, paper cutters, etc. Use common sense. Do not touch your face eyes or mouth, especially after contact with common use materials and equipment.

Be aware that Information missed during an absence is the sole responsibility of the student. It is the student's responsibility to stay current with missed work and assignments, and to stay in contact with the instructor regarding health status, recovery, and anticipated return to class. Use your UTEP email account to stay in contact.

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Optional Text: "Printmaking: A Complete Guide to Materials & Process", Fick and Grabowski, 2nd Edition

Instructor Contact Information

Instructor: Kim Bauer

E-mail: kbauer@utep.edu

Office: 151A Fox Fine Art Center

Office Hours: Monday and Wednesday 11:20 am - 12:15 pm and by appointment

Office Phone: 915-747-7846

Mailing Address: Department of Art, Fox Fine Arts, UTEP, El Paso, Texas 79968

Instructor Introduction

Kim Bauer holds a BFA degree from Michigan State University and an MFA from Eastern Michigan University. He has worked as a Gallery Director for the Michigan Guild of Artists and Artisans as well as the Ann Arbor Art Association and has taught courses in printmaking and drawing at Henry Ford Community College and Eastern Michigan University before accepting a position here at UTEP in 1988 where he continues to teach courses in printmaking.

Course Description

Printmaking II is a continuation of processes presented in Printmaking I with the addition of at least two multi-color prints. Personal original imagery and technical skills are further developed. This course requires a minimum of six hours in studio per week with equal time outside of class for additional image development, writing, preparation and printing. Strong concepts along with a personal exploration of images are necessary components to good prints. Research and sketchbooks for both technical and conceptual development are required. The course will consist of image and technical demonstrations along with workdays for printing and image development. Demonstrations will be held both on a scheduled and on an unscheduled basis as deemed necessary. Group critiques will be held several during the semester. Your work and attendance are required at each critique along with your participation.

Course Prerequisite Information

Prerequisites: Printmaking 1, PRNT 2305. The introductory information on processes, materials, and technique covered in Printmaking 1 is a necessary prerequisite to prepare students for more involved print processes.

Course Goals and Objectives

The objective of this course is to broaden the basic skills by the introduction of multiple color prints in the screen, relief, planographic, or intaglio methods. Students in this class will also be introduced to the vocabulary associated with each of these processes and the creation of an edition of prints and/or monoprints/monotypes within a given area. Since the creation of prints is a creative as well as technical activity, students are encouraged and expected to further develop their own investigation of imagery. It is also the objective of this course to introduce students to other artists who may provide them technical, conceptual or idea based examples. Since the discipline of printmaking is today practiced by artists who are primarily sculptors, painters, video artists etc. this variety of historical and contemporary examples will strengthen a student's understanding of the visual image makers and their underlying concepts.

Course Outcomes

At the end of the course students will possess the skills to create an edition of multiple color prints. Specifically, students can expect;

- to be able to image, register and print a multiple color image in one or more of the following processes: relief, intaglio, screen, or planographic
- to be more skilled in the printed quality of that image
- to be able to mix and modify inks to create the necessary color relationships desired
- and to be better acquainted with the variety of historical and/or contemporary artists that create prints as well as visual artists from other disciplines that might influence students' critical decision-making processes.

Course Requirements

You are expected to bring ideas, sketchbook drawings and the necessary printmaking materials to each class.

Evaluation: You will not be graded on individual works but rather on two reviews of your semester's work.

Portfolio grades represent 80% (35% first portfolio and 45% second portfolio) of your final grade and two tests will be averaged for the remaining 20% with adjustments made for class attendance.

Tests are graded on the following formula:

A = 90 to 100%, B= 80 to 89%, C = 70 to 79%, D = 60 to 69%, F = 59% or below.

Make-up tests will be given *only* in the case of a *documented* emergency.

Portfolio grades will be based on:

1. Quality, effort, ambition and aesthetic judgment apparent in the prints and their presentation.
2. The quantity (or amount) of work produced.
3. Continuous steady effort and ambition in idea/image/print.
4. Class participation and work ethic in-class.
5. The technical skill apparent in the print and/or its editioning when appropriate.
6. Contributions during critiques.
7. Quality, quantity and on time completion of written material when assigned.
8. The on time completion of studio work and in-progress work.
9. Your effort to keep the studios clean.

Course Policies

Attendance: Your regular attendance is required. It is important that you attend the class and be prepared with the necessary materials. Class time is not to be used to purchase materials. Grades will be lowered by excessive absences. 4 absences - one grade lower (ex. A to B), 5 absences - two grades lower (A to C or B to D) and so on. Two tardies (being late or leaving early) = one absence. Absences may be excused with proper notification for documented serious illness, documented COVID issues, documented child-care emergencies, documented death in the immediate family, or documented university sanctioned events. Scheduled appointments, transportation problems, and job demands are not excused absences.

Incompletes, Withdrawals, Pass/Fail: Incompletes or "I" grades will be considered for students completing satisfactory or better work and having serious legitimate situations beyond their control requiring additional time to complete the course requirements. All "I" grades are at the discretion of the instructor and the approval of the Department Chairperson.

Students hold the full responsibility for withdrawing from this course if that procedure is elected. Withdrawals must be completed on or before the final date to drop a course with a W. Students missing this deadline will be issued a grade for the performance in the course.

Note: Due to the hazardous and expensive nature of many of the tools and supplies, students found misusing them will be withdrawn from the course. The print rooms are not a suitable environment in which to have visiting friends, family, small children, etc. No visitors. Please make every effort to keep this a safe and workable environment for all.

Lab Hours

The printmaking labs will be open for enrolled student use during the times posted on the doors of rooms 151 and 264. Labs will not be opened for students needing access to drawers, supplies or equipment outside of their class or lab hours. Lab and class hours are often crowded so please be responsible with your space needs and store unnecessary tools, paper, backpacks, etc, under the tables or in your drawer to maximize workspace.

- No visitors allowed.
- A thorough clean-up must be completed by the lab closing time.
- Work on all presses must stop 10 minutes prior to the lab closing time.
- All work on dry mount press, graining sink, acid room, exposure units, silicone slabs, washout sinks, etc. must be completed 10 minutes prior to the lab closing time.
- Work on computers must stop and the computers shut down 5 minutes prior to the lab closing time.
- Students must vacate the labs by the lab closing time.
- Students found incapable of following these guidelines will lose their lab privileges.

In case of an emergency call the Campus Police at 747-5611 or dial 911

The nature of the processes involved in this course you will come in contact with several potentially harmful substances and equipment. Before working in the print labs you should be familiar with the possible hazards and take precautionary measures to avoid injury. Avoid eating or drinking in the labs as this makes it easier for you to ingest unhealthy materials.

If any equipment appears to be broken or functioning improperly do not use it and report it to the instructor as soon as possible. Put a sign on the damaged equipment warning others.

Do not use equipment you have not been trained to use properly.

Be proactive regarding your health

- **Wear Protective Gloves:** when using any powder, liquid, solvent or ink other than pure water.
- **Wear Protective Eyewear:** when dealing with any chemical liquids, solvents or acids that may splash into your eyes.
- **Wear A Dust Mask:** when working with dusts, powders or when sanding metals.
- **Wear a Respirator:** when working with acids or harmful chemicals

NO FOOD or DRINK - chemicals are always present in the air or on the work surfaces in these rooms. It is unsafe to consume any type of food or drink in any of the printmaking classrooms/labs. You will be asked to leave any food or drink in a covered container by the entry door and to consume any food or beverage outside the printmaking rooms.



NO VISITORS - The print labs are not a safe environment for any visitors.

Please be alert and above all use common sense with all materials and equipment.

ACIDS - Avoid getting acids on your skin or clothing- wear protective goggles and gloves. Should acid get in the eyes use the water safety eye rinse in the acid room and seek medical attention. The safety shower should be used if you get acid spilled on your body and again seek medical attention. Avoid breathing the acid vapors and make sure the two ventilation fans are running when entering the acid room. The acid baths are labeled according to the type of metal to be etched in them. Never mix or attempt to refill or transfer these acids yourself, always ask the instructor or the studio assistant. Acids should always remain covered except for lowering and removing your etching plate. The windows, which lower in front of the vats, should be kept closed to better assist the ventilation system in removing harmful fumes. Avoid breathing the vapors of any acid or fumes produced from etching.

In lithography, full strength nitric and phosphoric acids are used to etch stones and aluminum plates. These acids are kept in glass bottles secured within a wooden box and should not be moved. Always wear protective goggles and gloves when handling these acids. Acid should be removed from these bottles only with an eyedropper and any excess acid should be placed back into the appropriate bottle. TAPEM is also used in lithography as an aluminum plate etch and contains small amounts of phosphoric and tannic acids. Any full strength acid that comes in contact with your body or clothing should be flushed immediately and repeatedly with water and seek medical attention.

ELECTRIC HOT PLATE - The hot plates in the etching room should be used only for the heating of etching plates. The temperature on the electric hot plate should never exceed 300 degrees. Flammable materials and solvents should not be used near the hot plates and paper that is placed on these hot plates must be removed promptly to prevent fire. Hot plate will be turned off at end of class.

DRY MOUNT PRESS - The outside and interior of the dry mount press is extremely hot. The dry mount should never be set to more than 250 degrees. Flammable materials and solvents should not be used near the dry mount press and prints placed inside should be removed within 2-10 minutes. The dry mount press will be turned off at end of class.

PRESSES - All presses; etching, lithography, letterpress, bookbinding, are dangerous and should only be used if you have been instructed how to properly operate the equipment. Long hair or loose clothing should be tied back to avoid being caught in the rollers or gears. Hands should be kept clear of the presses and their beds while moving, the only hand needed on the press is the one to turn the crank. Excessive pressure on any of the presses is unnecessary and will cause them to crank hard and create a dangerous situation. Maximum pressure will not make a better print!!!! The etching presses have calibrated sets on either side and should be adjusted to the type of printing matrix and felts you are using. Never force a plate or stone through the presses, if the tension feels too tight reverse the crank and readjust the tension. A material or object other than those the press has been designed for should never be passed through the press.

ROSIN - Powdered rosin is used in etching and lithography. The dust from this rosin can be harmful to the lungs. When using powdered rosin do so in a well ventilated area and use a dust mask and/or a respirator if necessary.

BABY POWDER - Powdered talc is used in lithography and needs the same precautions as rosin.

SOLVENTS – Mineral spirits, denatured alcohol, kerosene, lacquer thinner, lithotine, naphtha, turpentine, etc. should all be used with moderation and with rubber gloves and the appropriate ventilation. Use these chemical solvents in the vented hood area in room 151B or outside in the courtyard to prevent fumes from entering the common work area. To clean inks or plates in the other rooms the use of vegetable oil and or an orange-based spray cleaner is highly recommended. Keep flammable solvents away from hot plates and avoid breathing vapors. To minimize the use of solvents it is strongly advised that all students clean oil based ink slabs initially with a razor blade or scraper to remove all excess ink. Then only a small amount of solvent or orange cleaner will be necessary to remove the remaining ink film.

LITHOGRAPHY STONES - The lithography stones are extremely heavy. Please only carry what you can easily lift and transport comfortably. Never carry a wet litho stone or attempt to move a stone with wet hands. The blue hydraulic transport table is available in room 264 to assist in the transporting of these stones.

PIGMENTS & INKS - Lithography, screen, relief and etching inks along with the powdered pigments to make etching ink should be kept off the skin as much as possible. Avoid breathing the dust of the powdered pigment. When mixing your own ink or using any powdered pigment a respirator or suitable dust mask is necessary. Avoid breathing the vapors of any ink or ink modifier.

PHOTOGRAPHIC EMULSIONS & CHEMICALS - All photographic sensitive screen printing emulsions contain dichromates, which are dangerous and should only be used with protective gloves. All traditional photography chemicals, including developer, stop bath, fix, toner and bleach should not be allowed to come in contact with the skin and should only be used in the approved areas and with the necessary precautions. Large vats of photographic chemicals pose vapor risks and should only be use with adequate ventilation. Avoid excessively breathing the vapors of any photographic chemical.

In case of an emergency call the Campus Police at 747-5611 or dial 911

PLAGIARISM / ACADEMIC DISHONESTY

Cheating/Plagiarism: Cheating is unethical and not acceptable. Plagiarism is using information or original wording in a paper without giving credit to the source of that information or wording: it is also not acceptable. Do not submit work, images, writing or prints that are not your creative output. If an image appears on Google or in another image source and you copy that image it is plagiarism. You may not submit work for this class that you did for another class. If you are found to be cheating or plagiarizing, you will be subject to disciplinary action, per UTEP catalog policy. Refer to <http://www.utep.edu/dos/acadintq.htm> for further information.

ACCOMMODATIONS POLICY

The University is committed to providing reasonable accommodations and auxiliary services to students, staff, faculty, job applicants, applicants for admissions, and other beneficiaries of University programs, services and activities with documented disabilities in order to provide them with equal opportunities to participate in programs, services, and activities in compliance with sections 503 and 504 of the Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act (ADA) of 1990 and the Americans with Disabilities Act Amendments Act (ADAAA) of 2008. Reasonable accommodations will be made unless it is determined that doing so would cause undue hardship on the University. Students requesting an accommodation based on a disability must register with the [UTEP Center for Accommodations and Support Services \(CASS\)](#). Contact the Center for Accommodations and Support Services at 915-747-5148, or email them at cass@utep.edu, or apply for accommodations online via the [CASS portal](#) (<https://www.utep.edu/student-affairs/cass/>).

TECHNOLOGY REQUIREMENTS

If you do not have a word-processing software, you can download Word and other Microsoft Office programs (including Excel, PowerPoint, Outlook and more) for free via UTEP's Microsoft Office Portal. Check the following link for more information about [Microsoft Office 365](#) and follow the instructions (https://www.utep.edu/technologysupport/ServiceCatalog/SOFTWARE_PAGES/soft_microsoftoffice365.html)
IMPORTANT: If you encounter technical difficulties beyond your scope of troubleshooting, please contact the [UTEP Help Desk](#) (<https://www.utep.edu/technologysupport/>) as they are trained specifically in assisting with technological needs of students.

RESOURCES: UTEP provides a variety of student services and support:

Technology Resources

- [_Help Desk](#) (<https://www.utep.edu/technologysupport/>): Students experiencing technological challenges (email, Blackboard, software, etc.) can submit a ticket to the UTEP Helpdesk for assistance. Contact the Helpdesk via phone 747-4357, email, chat, website, or in person if on campus.

Academic Resources

- [_UTEP Library](#) (<https://www.utep.edu/library/>): Access a wide range of resources including online, full-text access to thousands of journals and eBooks plus reference service and librarian assistance for enrolled students.
- [_University Writing Center \(UWC\)](#): Submit papers here for assistance with writing style and formatting, ask a tutor for help and explore other writing resources.
- [_Math Tutoring Center \(MaRCS\)](#): Ask a tutor for help and explore other available math resources.
- [_History Tutoring Center \(HTC\)](#): Receive assistance with writing history papers, get help from a tutor and explore other history resources.
- [_RefWorks](#): A bibliographic citation tool; check out the RefWorks tutorial and Fact Sheet and Quick-Start Guide.

Individual Resources

- [_Military Student Success Center](#): Assists personnel in any branch of service to reach their educational goals.
- [_Center for Accommodations and Support Services](#) (<https://www.utep.edu/student-affairs/cass/>): Assists students with ADA-related accommodations for coursework, housing, and internships.
- [_Counseling and Psychological Services](#) (<https://www.utep.edu/student-affairs/counsel/>): Provides a variety of counseling services including individual, couples, and group sessions as well as career and disability assessments.

Printmaking 2 and 3 Course Calendar

Class Times: Monday and Wednesday 8:30 am - 11:20 am

Course schedule is subject to change. Class days are devoted to studio work, slide lectures, and/or demos unless noted otherwise. Due dates for specific assigned work or works-in-progress and additional critiques may be added to the calendar.

August

MON 23: First day of class / Intro / Glass Gallery Print Show
WED 25: Demo
MON 30: Class/work

September

WED 1: Class/work
MON 6: NO CLASS - Labor Day - Print Labs closed.
WED 8: Class/work
MON 13: Class/work
WED 15: Class/work
MON 20: Class/work
WED 22: Class/work
MON 27: Class/work
WED 29: Class/work

October

MON 4: Test review Class/work
WED 6: First test 8:30 am Class/work
MON 11: First portfolio due 8:30 am. Critique
WED 13: Demos Class/work
MON 18: Class/work
WED 20: Class/work
MON 25: Class/ work
WED 27: Class/work

November

MON 1: Class/work
WED 3: Class/work
MON 8: Class/work
WED 10: Class/work
MON 15: Class/work
WED 17: Class/work
MON 22: Class/work
WED 24: Test review followed by Class/work
THUR 25: Thanksgiving Holiday - Print Labs Closed
MON 29: Second Test 8:30 am followed by Class/work

December

WED 1: Last day of class, final portfolio due 8:30 am. Critique.
WED 8: Studio clean up day, portfolios returned 10:00 am - 2:00 pm

Print 2 and 3 - Materials and Personal Equipment

Online Source: <https://www.dickblick.com/lists/blicku/JBF47PLODRE4X/publicview/>

100 - 500 - sheets 18" x 24" newsprint
12 - sheets Stonehenge printmaking paper (white) 22x30
12 - sheets Stonehenge printmaking paper (natural) 22x30
1 - 32 oz Ulano Proclaim emulsion
1- quart Ulano stencil remover or similar
1 - 8 oz jar of each; Red, Yellow, Blue and White Speedball Permanent Acrylic screen ink*
1 - gallon Speedball Extender Base acrylic screen ink
1- UniPosca marker black, fine tip
1 - 11x14 25 sheet pad Grafix Dura-Lar Matte
1 - sheet clear acetate 20" x 25" x .005 thick
1 - Higgins Black Magic Ink 1 oz
1 - set of registration pins
3- rolls Scotch Packaging Tape - clear or brown - do not substitute a less expensive tape

*If you can afford it consider ordering quarts of the screen ink colors RYB and white instead of the 8 oz jars. Quarts of color will comfortably get you through any screen ink needs for the next two semesters and eliminate any reorders this semester...or order quarts and split with a friend.
Also, if you can afford to order two clean 3 ½ inch Speedball Soft Rubber Brayers.

Locally:

Disposable rubber or latex gloves
2-4 - rolls soft paper towels
1 - water spray bottle
1 - spray bottle Simple Green
1 - quart mineral spirits
1 - quart acetone
2-4 - razor blades for ink removal from glass slab
1-3 - 3 1/2" soft rubber brayers
1 - can spray adhesive
Assorted black ink pens and other UniPosca or paint markers
Brushes, assortment of sizes and quality
2-3 Spatulas
12 - plastic storage containers with lids (Twist and Store 16oz Target)
Ruler, Pencils, Erasers, Masking or Artist's Tape, Hand cleaner
X-acto or utility knife
USB
Combo Lock for Hallway Locker/s

Supplied with your Art Major Fee:

2 - 23 x 31 230 mesh aluminum frame silkscreens
1- 25 x 36 aluminum lithography plate
1- Plastic Spreader
1 - Staedtler Mars 108-9 water base pencil for lithography
Screen filler
Black ink for Screenprint
Color and Black ink for Lithography

Other materials may be needed

General Printmaking Suppliers

- Dick Blick - general art & printmaking supplies - www.dickblick.com
- Graphic Chemical & Ink Co. – printmaking supplies www.graphicchemical.com
- Utrecht Art Supplies – printmaking supplies - <http://www.utrechtart.com/>
- Edward C. Lyons – printmaking tools www.ecl Lyons.com
- Rembrandt Graphic Arts – printmaking supplies www.rembrandtgraphicarts.com
- Renaissance Graphic Arts – printmaking supplies www.printmaking-materials.com
- Takach Press – lithography supplies & presses www.takachpress.com

Printmaking Paper

- Graphic Chemical & Ink Co. – good price www.graphicchemical.com
- Dick Blick –if paper arrives damaged at corners call and have them replace - www.dickblick.com
- Hiromi Paper – the BEST selection and service on Asian papers <http://hiromipaper.com/>
- Takach Paper Co. – paper www.takachpaper.com
- Rembrandt Graphic Arts – printmaking supplies www.rembrandtgraphicarts.com

Metals

Copper 043" thick:

- Aarmor Metals: 9925 Carnegie Avenue, El Paso, Texas
(915) 594-8263