

# Fort Hays State University

## Sculpture II

Spring 2024 – Course Syllabus  
T Th 1:30 – 4:15 PM

Art 330  
Location: CATS Building, Room103

Instructor: Tobias Flores, Graduate Assistant: none  
Office: CATS 103A  
Office Hours: Toby – Mon. and Wed. 2:00-4:00, Tue. and Thu. 4:15-6:15  
E-mail: [trflores@fhsu.edu](mailto:trflores@fhsu.edu)

### Course Description:

Developing additional competence in sculpture. – FHSU catalog

This course will build on technical and aesthetic skills gained in prerequisite courses. To do this the student will complete three assignments.

The first assignment will be prompted by a lecture introducing various sculptors. After the lecture a class discussion about sculptural processes and materials will be had which will move the assignment into motion.

After the first assignment you are expected to develop your own formal and/or conceptual problems that will then be resolved in three-dimensional form, performance, installation, or video.

Processes that can be utilized/demonstrated are but not limited to: casting (bronze, aluminum, iron, pewter, hot-glue, cement), mold-making (plaster, clay, resin-bonded sand, rubber/silicone, ceramic shell), welding (TIG, MIG, Oxy-acetylene), woodworking (lathe, table saw, miter saw, simple joinery, etc.), carving (stone, plaster, wood, foam), fiberglass, blacksmithing, jewelry scale casting.

### Course Requirements:

You are expected to:

- Present drawings and/or models for all projects.
- Make oral and written critiques of art.
- Take notes of all demonstrations.
- Work on projects outside of regular class time.
- Wear proper attire.
- Clean up and return tools/materials to their proper place.

#### **Pay Studio Fee \$120.00**

Pay for all bronze, mold material and red sprue wax.

### Grading:

Projects/Assignments .....75% of final grade  
Attendance .....15% of final grade  
(This includes active participation in oral critiques, clean up and group discussions)  
Written critiques, tests and quizzes.....10% of final grade

**Suppliers of material, tools and personal safety equipment:**

Heartland Do It Best Building Center

2510 General Hays Road, Hays, 628-3442

Building materials, hand tools, power tools, safety glasses, dust mask, hardware, custom paint, wood, plaster, good service

Canfield & Joseph Inc.

830 Armourdale Parkway

Kansas City, Kansas 66105, (913) 621-1320

Foundry supply, sand, binders, crucibles, refractory, core paste, core wire, bronze and aluminum ingot

Forge Shield Shoes

100 "A" Street, Charleston, IL 61920, [www.forgeshieldshoes.com](http://www.forgeshieldshoes.com)

Vanderbilts

2704 Vine St. #A, Hays

Work Boots and work shoes

Westlake Ace Hardware

3300 Vine St, 650-0125

hardware, safety glasses, dust mask, tools

Steel Fabrications

1640 E Hwy 40 Bypass, Hays, 785-625-3075

Steel (expensive), aluminum, welding, machining, CNC cutting

Harbor Freight Tools

2918 Vine Street, Unit 140, Hays, (785) 301-1515

Safety glasses, gloves, tools

Leon's Welding & Fabrication

1027 East US Highway 40 Bypass, Hays, KS 67601, (785) 625-5736

Steel, powder-coating, bending, rolling, sandblasting

Silpak Inc.

Pomona, CA, [www.silpak.com](http://www.silpak.com), 909-625-0056

Flexible mold materials, silicone, latex, mold release, pourable plastics and resins

**Suppliers of material, tools and personal safety equipment (continued):**

Salina Steel

(785) 825-2138

Steel and other stock metals, inexpensive, free delivery with \$200 minimum purchase

Lampton Welding Supply

1414 E 8<sup>th</sup> Street, Hays, 625-9310

Welding supplies, abrasives, welding gloves (extra small), safety equipment, leathers

Micro-Mark

Berkeley Heights, NJ, [www.micromark.com](http://www.micromark.com), 1-800-225-1066

Hot wire tools, Dremel tools and accessories, low temperature casting alloys

**Required Text:**

Hot Metal, A Complete Guide to the Metalcasting of Sculpture

By: Wayne E. Potratz

Copies available at the FHSU Bookstore in the Memorial Union, \$25.

**Recommended Reading:**

Living Materials A Sculptor's Handbook

By: Oliver Andrews

Sold in the University Bookstore

ISBN #: 0-520-06452-6

Pocket Ref

By: Thomas J. Glover

Sold at C. S. Post

ISBN: 1-885071-00-0

Sculpture magazine (free to sculpture majors)

Published monthly by: the International Sculpture Center

The Practical Handbook For The Emerging Artist

By: Margaret R. Lazzari

ISBN: 0-15-501498-6

Casting Iron

By: Ammen, C. W.

ISBN: 0830606106

Forging

By: John Jernberg

ISBN: 978-1-894572-93-4

Using the Table Saw

By: Nick Engler

ISBN: 0-87596-127-4

Joining Wood  
By: Nick Engler  
ISBN: 0-87596-121-5

Methods for Modern Sculptors  
By: Ron Young  
ISBN: 096037440X  
Book and patina supplies: [www.sculptnouveau.com](http://www.sculptnouveau.com)

### **Shop Rules for a cooperative studio:**

- ❑ If you open it, close it.
- ❑ If you turn it on, turn it off.
- ❑ If you unlock it, lock it up.
- ❑ If you break it, admit it.
- ❑ If you can't fix it, call someone who can.
- ❑ If you borrow it, return it promptly.
- ❑ If you value it, take care of it.
- ❑ If you make a mess, clean it up.
- ❑ If you move it, put it back.
- ❑ If it belongs to someone else, get permission to use it.
- ❑ If you don't know how to operate it, leave it alone.
- Wayne Potratz

### **Concealed Carry Policy:**

Under the Concealed Carry Policy, individuals who carry a concealed handgun must have the handgun on or about their person at all times. Backpacks are appropriate for a carrying a handgun as long as the backpack remains within the exclusive and uninterrupted control of the individual. A backpack or other bag used to carry a handgun must be within the immediate reach of the individual. In this course, the instructor may require students to place backpacks or other bags out of reach. The instructor will notify students in advance of this requirement so a student who carries a concealed handgun in a backpack or a bag may take steps to conceal the handgun on his or her person before arriving or otherwise plan accordingly. Alternatively, this course involves a lab where metal and/or explosive devises (ammunition) are prohibited by Federal Regulations due to the nature of the lab and for safety concerns. Concealed carry handguns will need to be properly stored prior to such labs.

### **Writing Center**

**The Writing Center is an excellent place to go for feedback on any kind of writing at any stage of the process. Located in the Forsyth Library on the main floor, the Writing Center features trained writing consultants who can help you with all aspects of your writing assignments. Drop by or make an appointment online in advance at <https://www.fhsu.edu/writingcenter/>—preferably well before the due date of your paper! The Writing Center is open 9:00am-8:00pm Monday-Thursday and 9:00am-2:00pm Friday. It's FREE.**

## 11. UNIVERSITY POLICIES

### 11.1. Academic Honesty Policy

Membership in the FHSU learning community imposes upon the student a variety of commitments, obligations and responsibilities. It is the policy of FHSU to impose sanctions on students who misrepresent their academic work. These sanctions will be selected by appropriate classroom instructors or other designated persons consistent with the seriousness of the violation and related considerations... Students participating in any violation of this policy must accept the consequences of their actions. Classroom instructors and/or university review/appeals committees and administrators will assess the sanctions for violation of this policy. The seriousness of the violation will dictate the severity of the sanction imposed. More information can be found at

[http://www.fhsu.edu/academic/provost/handbook/ch\\_2\\_academic\\_honesty/](http://www.fhsu.edu/academic/provost/handbook/ch_2_academic_honesty/)

### 11.2. Statement of Accessibility and Services for Students with Disabilities

If you have a disability that may have an impact on your ability to carry out assigned course work and if you wish to seek any accommodations for this course, you must contact Services for Students with Disabilities (SSD). SSD is located in the Kelly Center, Picken Hall, Room 111, 785-628-4401. SSD will review your documentation and determine, with you, what academic accommodations are necessary and appropriate for you that can be accommodated in this course. All information and documentation of your disability is confidential and will not be released by SSD without your written permission. Students can find more information at <http://www.fhsu.edu/disability/get-access/> Instructors who need help to create instructional materials for students with special needs can seek help from Learning Technologies (LT), 785-628-4194.

FHSU is committed to fostering a safe and productive learning environment. Title IX makes it clear that violence and harassment based on sex, gender, and gender identity are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. This includes all types of gender and relationship violence, sexual harassment, sexual misconduct, domestic and dating violence, and stalking. If you wish to report an incident or have questions about school policies and procedures regarding Title IX issues, please contact Amy Schaffer, University Compliance Officer and the FHSU Title IX Coordinator, at [alschaffer@fhsu.edu](mailto:alschaffer@fhsu.edu) or (785) 628-4175. The Compliance Officer can help connect you to campus and outside resources, discuss all of your reporting options, and assist with any concerns you may have.

## 11. UNIVERSITY POLICIES *Continued*

### 11.4. Use of Computing Resources

Fort Hays State University (FHSU) provides computing resources and worldwide network access to its faculty, staff, and students for legitimate administrative, educational, and research efforts. As a member of the FHSU electronic community it is your responsibility to use computing resources ethically and responsibly. Members of the FHSU electronic community are expected to use computing resources ethically, and to exercise

reasonable care in utilization of FHSU information systems or their components. More information related to privacy, responsibilities, things forbidden to do and use of email can be found at

[http://www.fhsu.edu/academic/provost/handbook/ch\\_1\\_computing\\_resources/](http://www.fhsu.edu/academic/provost/handbook/ch_1_computing_resources/)

#### 11.5 Withdrawal Policy

Students may withdraw full-semester courses through 11:59:59PM CT on the 35th day of the semester (Learning Technologies (LT) will work with the Registrar's Office and Technologies Services (TS) to make the specific date for each semester available at the syllabus site). Students withdrawing during this time period will not receive any notation on their transcript. Students who withdraw after this period and thru 11:59:59PM CT on the 70th day of the semester will receive a notation on the transcript of withdrawal (W). No withdrawals after the 70<sup>th</sup> (LT will work with the Registrar's Office and TS to make the specific date for each semester available at the syllabus site) day of the semester. Students who withdraw completely will receive a notation on their transcript of the date withdrawn. Students receiving financial aid have additional responsibility and should contact the Office of Student Financial Assistance, 785-628-4408.

[\(http://www.fhsu.edu/registrar/academic-policies-and-information/\)](http://www.fhsu.edu/registrar/academic-policies-and-information/)

#### 11.6. Proctoring Requirements (Virtual College courses only if applicable)

The Proctor Approval Form for the Virtual College courses along with the student's and the proctor's responsibilities can be found at

<http://www.fhsu.edu/virtualcontent.aspx?id=12884902424&terms=proctor>

The first assignment will be to attempt the "tea cup, saucer, and spoon" casting. This is an old foundry challenge that would prove to the foreman that a mold maker was worth hiring or promoting. Traditionally this was done with green sand but we will use resin bonded sand. The idea is to make a mold of a tea cup with a spoon in it, sitting on a saucer then pour molten iron or bronze into the mold to get a casting with minimal defects. The casting will be finished out for a final grade. This project will take several weeks to complete and other projects, models and drawings will be completed simultaneously while making this mold. This is a purely technical exercise which will familiarize the student with the piece molds, resin bonded sand, casting, chasing and the studio in general.

The second project will be created using abstraction and welded steel. The final object must be at least 24" in height using 12 gauge sheet steel and/or rod stock. Demonstrations of welding, cutting and forging processes will start immediately. Drawings and or models need to be completed before the project can be started in steel.