Curriculum Details

Course Record ID
680

1. Entry Type
Active

Notes and Special Changes

2. Justification

ART 251 is a unique course that is designed to enhance the particular experiences of our other three-dimensional courses and to tie-in practical industry-related skills for our students. It meets students' requests for relevant content that there isn't time to develop fully in our existing ceramics or sculpture courses, and will help us achieve the goal of offering the full complement of introductory and intermediate ceramic and sculptural skills for both our academic and continuing education students. Because it introduces fabrication techniques and processes that are required in many industry areas (art-related and otherwise), ART 251 can enhance students' employability in many areas of the commercial sector.

3. Course Alpha

ART

4. Course Number

251

5. Course Title (long)

Mold Making for Ceramics and Sculpture

6. Course Title Short

Mold Making: Ceramic/Sculpture

7. Course Credits

3

8. Course Credit Upper Range
Repeatable
Will default to 98

9. Course Description
ART 251 is an introduction to mold making techniques and their application in the creation of functional ceramics and sculptural objects. Emphasis on the fabrication of various types of plaster molds from original and found objects, pressing and casting forms from molds in clay and other non-metal media, and various finishing techniques including glazing and firing. Repeatable once for a total of 6 credits.

10. Course Pre-Requisites
none

11. Course Co-Requisites
none

12. Course Recommended Preparation
Recommended Preparation: ART 101, ART 105B, 105C, or ART 116

13. Contact Hours (lecture, lab, lecture/lab)
6 hours lecture/lab

14. Maximum Credits Towards an AA Degree
6

Grading Options
Will be set to Banner default

15. Department
Humanities

16. Cross-Listing

17. Course Content

18. Course Competencies

1. Conceptualize an idea and translate it into visual form through the use reference materials, exploratory drawings, maquettes, and other forms of preparatory studies. 2. Use handbuilding, wheel throwing, or other sculptural techniques to create original objects for molding (or select existing objects) with the appropriate qualities necessary for a particular molding process. 3. Create an effective plan for molding an object, including determining draft and defining parting lines. 4. Assess the limitations and possibilities of different mold types in selecting for particular applications. 5. Use correct plaster mixing, pouring, and finishing techniques, and execute proper and complete clean-up of all tools and workspaces used in the molding process. 6. Mix and prepare clay slip (and other materials) for casting. 7. Use various techniques for employing molds in the creation of an artwork, multiples, or an edition including: relief casting, stamping and sprigging, press molding (hump and slump), slip casting (and other materials), and proper assembly of multiple units of form into a sculptural whole. 8. Use glazing and other finishing techniques to enhance the formal and expressive qualities of your artworks. 9. Analyze and describe usage of mold making techniques in historical and contemporary objects. 10. Discuss the visual and technical concepts relevant to mold made sculptural and functional forms.

19. Assessments, Tasks, and Grading

(from the syllabus) Your grade will be based on the quality and intensity of your involvement in the class, your persistence, growth, and timeliness in your work, and your attendance. Poor attendance, participation or effort can lower your overall grade! ASSIGNMENTS & CRITIQUES: You will demonstrate your progress through finished projects that will be discussed during our critiques. Assignments that are not completed will be lowered by one grade level (or more). At the final critique at least three projects completed to the final state (i.e. glazed, stained, painted, etc.) must be presented to represent your semester's work. Rubrics will be used to assess the quality of fabrication techniques and the final outcome of each project. Press Molding Project 1: Clay Relief Casting in Plaster (Week 1) Project 2: Stamps, Spriggs and Press Molds (Weeks 2, 3 and 4) Project 3: Hump and Slump Molds (Weeks 5, 6 and 7) Critique #1 (400 pts.) Slip Casting (and other materials) Project 4: One-Piece Drop Out and Two-Piece Molds: set of four with attachments/handles (Weeks 8, 9 and 10) Project 5: Multi-Part Molds (Weeks 11 and 12) Project 6: Multi-Unit Assembled Form Brancusi's Endless Column (Weeks 13, 14, and 15) Critique #2 (500 pts.) Presentation: Students will research an artist or area of historical or contemporary mold making and give a presentation of 10-12 images. It will include a brief discussion of the topic and how it relates to their personal interests and/or work in the class. Presentation (100 pts.) The Grade Scale will reflect the following: Critique #1: Press Molding 400 Points Critique #2: Slip Casting, etc. 500 Points Presentation 100 Points Total 1000 Points A = 1000 - 900 pts. Completion of all projects and activities, and excellent work habits and excellent attendance (not more than two absences). B = 899 - 800 pts. Completion of all projects and activities, diligent work habits, and/or good attendance (not more than three absences). C = 799 - 700 pts. Completion of all projects, shows average skill due to lacking effort, and/or not-so-good attendance (not more than four absences). D = 699 - 600 pts. Completion of most projects, shows below average skill due to lack of course participation, and/or poor attendance (not more than five absences). F = 599 and below Less than minimal passing achievement due to lack of effort and/or poor attendance (six absences or more). N = Has not met course expectations in
spite of dedicated work habits or is unable to complete the semester due to extenuating circumstances, given only at instructor's discretion. I = Incomplete is a temporary grade given when a student has failed to complete a small part of a course because of circumstances beyond his or her control. Cr/NCr = Credit, completion of at least "C" grade requirements. No credit, completion of less than "C" grade requirements. *Credit/No Credit option must be declared by the end of the Withdrawal Period.

20. Auxiliary Materials and Content

All projects will be preceded by in-depth demonstrations and hands-on materials testing. We will watch films (as time permits) like 'Rodin: The Gates of Hell' and segments from Art:21 about Do-Ho Suh, Kiki Smith and other relevant sculptors. There could be a field trip to the Hawai'i State Art Museum, the Honolulu Academy of Arts or to The Contemporary Museum of Honolulu to see exhibitions and study artworks/examples of mold-made ceramics and sculpture. Other field trips could be to either a 'production' ceramics facility or to a company using molds for commercial and artistic purposes, such as movie prop and set designers or fabricators of artificial stones for waterfalls and landscapes (such as those seen at the new 'Aulani Resort).

21. Additional Activities outside of class and class time

This course will require the student to work a minimum of 4 hours per week during open lab to prepare for or successfully complete projects. The course may require a museum/art location visit outside of class time.

22. Special Costs connected to the course

Although there are no special costs outside of the normal parameters of a studio art class, this course may be suited to creating a 'supply card' to be purchased from the bookstore that would allow us to buy materials needed in bulk, thereby greatly reducing cost and effort for the students. Materials included in this purchase might be the Molding and Casting Plasters, Clay Slips, and any other bulk materials used for the course.

23. What are the Student Learning Outcomes?

1. Select, fabricate, and employ various mold types in the making of functional ceramics and sculptural objects. 2. Design and produce original objects in clay and other materials to be used as mold patterns. 3. Produce finished functional and artistic objects that explore the possibilities of mold made forms.

24. How does the proposal connect to the college's strategic plan?

University of Hawai`i System Strategic Outcome #2, Community College System Action Outcomes 2.4, and WCC Action Outcomes 2.5, 2.7 and 2.8: ART 251 is designed to expand on our current three-dimensional art programs, but also adds an entirely new dimension to our students' skill-set and experience that will engage them at a deeper level with the arts, encouraging student retention and success at WCC, and preparing them for upper-division courses. It also supports the WCC Core Value of 'Na'auao: Creativity and Critical Thinking' by increasing students' options for means of self-expression through the introduction of working techniques that can be used in both a traditional manner or modified to suit contemporary/innovative experimentation and usage of materials. This course also introduces fabrication techniques and processes that are required in many industry areas, enhancing
students' employability in many areas of the commercial sector, correlating with the WCC Core Value of ‘Na‘auao: Excellence in academics and workforce training'. Opportunities will be taken to tie in Hawai‘i-specific content and examples where appropriate. The reasons given above, combined with the exposure to artworks past and present and their cultural context (both of Hawai‘i and otherwise), come together to reflect WCC's Mission to "offer innovative programs in the arts and sciences and opportunities to gain knowledge and understanding of Hawai‘i and its unique heritage."

25. Describe the staff that will be needed

The course could be taught by either our current Full Time Faculty or Lecturer in Ceramics/Sculpture.

26. Describe the facilities that will be needed, including special rooms

The particulars needed to teach this course can be found in WCC's current Ceramics (Palanakila 216) and Sculpture ('Iolani 108) Facilities. This would include access to sinks, kilns, scales, materials and project storage areas, large 'dirty' work areas, direct access to a dumpster, etc.

27. Describe any other resources that will be needed

28. How will the staff, facilities, and other resources for the course be secured?

29. Certificates

30. Connection to the AA degree

AADA

31. Connection between the Course SLOs and the College's General Education Outcomes

Express ideas clearly and creatively in diverse ways through the fine and performing arts, speech and writing.

Enter and perform effectively in the work force.

Develop skills that improve personal well-being and enhance professional potential.

32. List any similar classes taught at outside of the UH system

School of the Art Institute of Chicago: 2008-001 - Mold Making and Casting
University of Texas at Arlington: ART 3383 - Moldmaking and Casting in Clay
University of Utah: ART 3240 - Plaster Mold-Making for Ceramics
33. List any similar classes taught at campuses in the UH System.

There are no particular matches to this course. UH Manoa offers 'ART 345: Ceramics - Low Temperature' which includes mold-making in its curriculum, but focuses solely on slip casting for low temperature clays and glazes. Our course is tailored to our studio in the following ways: - includes hump/slump mold making, the use of which are a large part of our existing handbuilding classes. -includes other types of press molding for use with plastic clays (as opposed to liquid 'slip' clays). -focuses on the higher temperature range ('high fire' process) clays and glazes emphasized in our studio. -includes mold making content that complements our current sculpture offerings (ART 116 and ART 253) and intended future courses.

34. How, if at all, is the course intended to count in lieu of a course taught at a four-year campus.

none

35. How, if at all, is the course similar to upper-division courses in the UH System.

please see #32.

36. How does the course articulate with four-year programs (Gen Ed)?

This course satisfies the Arts (DA) area requirement as follows:  🔗 Uses the definitions, descriptions, and terminology of the visual arts, performing arts, or other creative arts: This course will emphasize the acquisition of vocabulary and concepts related to sculptural art, mold making, and the ceramic processes, the consideration and application of design elements and principles in the creation of three-dimensional objects, and gaining an understanding of the historical development of mold usage (which requires the use of terminology and definitions to offer an adequate description). These elements will be incorporated into historical study, project introductions and demonstrations, and project reviews/critiques (please see Competencies #9 and #10).  🔗 Emphasizes the acquisition of practical and theoretical skills necessary to produce visual, performing, or other creative arts for primarily aesthetic purposes; and...  🔗 Develops creative abilities in which artistic conventions are applied and originality is sought. As a studio art course the curriculum is centered around the development of both practical and theoretical skills in mold making (as applied to sculptural forms and functional ceramics), the goal of which is to expand the students' creative faculties and expand their range of potential working materials (media). All demonstrations and project introductions will encourage students to attain proficient technical skill and seek personally satisfying aesthetic and expressive solutions. In achieving Competencies #1 - 8 the student will acquire a number of technical skills and materials knowledge that can be used either all together or on their own in other applications (i.e. plaster skills for direct modeling in plaster). All critiques will emphasize the consideration of craftsmanship and aesthetic concerns, and the content of an artwork will be considered whenever appropriate.

37. List any articulations between this course and any four-year program.

none

End of Proposal
Signatures to New (draft) ART 251 - MOLD MAKING FOR CERAMICS AND SCULPTURE

Requested by: PAUL NASH  
Signatures:  
Date: 10/21/2011

Departmental Review by:
Member:  
Member:  
Member:  
Member:  
Chair:  

Was the proposal discussed in a department meeting?  yes  no  

Division Dean:  
IEC (for SLOs)  

Approved by:
Curriculum Committee Chair: Kathleen French  
Faculty Senate Chairperson: Ross Langston  
Vice-Chancellor for Academic Affairs: Richard Fulton  
Chancellor: Doug Dykstra  

8/23/2011 9:38 AM