RARITAN VALLEY COMMUNITY COLLEGE
ACADEMIC COURSE OUTLINE

ARTS 218 SCULPTURE I

I. Basic Course Information

A. Course Number and Title: ARTS 218 Sculpture I

B. New or Modified Course: Modified

C. Date of Proposal: Semester: Fall Year: 2013

D. Sponsoring Department: Visual and Performing Arts

E. Semester Credit Hours: 3

F. Weekly Contact Hours: 4 Lecture: 2
Laboratory: 2

G. Prerequisites/Corequisites: ARTS 108 Three-Dimensional Design

H. Laboratory Fees: Yes

I. Name and Telephone Number or E-Mail Address of Department Chair:
Ann Tsubota, 908-218-8876; email: atsubota@raritanval.edu

II. Catalog Description

Prerequisite: ARTS 108: Three-Dimensional Design
Sculpture I is an investigation of sculptural concepts, techniques, media, tools and vocabulary in order to further develop students' sculptural skills and visual perception. The course involves exposure to contemporary sculptural concepts as well as traditional materials, technical information and personal expression. Students must purchase some art supplies.

III. Statement of Course Need

A. This course fulfills a Studio Art elective in the AFA Visual Arts, AFA Graphic Design and AA Studio Arts degrees.
B. The course makes use of the standard specialized studio lab tools, materials and safety features found in a Sculpture Studio.
C. This course generally transfers as an Art program elective.

IV. Place of Course in College Curriculum

A. Free Elective
B. This course meets a Studio Art elective in the AFA Visual Arts, AFA Graphic Design and AA Studio Arts degrees.
C. To see course transferability: for New Jersey schools, go to the NJ Transfer website, www.njtransfer.org; for all other colleges and universities, go to the individual websites.

V. Outline of Course Content

A. Lectures and demonstrations concerning safety. This will include room safety features, such as
   1. Dust collection system
   2. Air Filtration Unit
   3. Eye wash station
   4. First Aid kit
      a. Safe tool usage and tool safety features.
      b. Safe and proper usage(s) of material supplies.

B. Technical demonstrations, such as
   1. Use of woodworking power tools, such as
      a. Table saw
      b. Band saw
      c. Scroll saw
      d. Chop saw
      e. Jig saw
      f. Planer
      g. Jointer
      h. Drill Press
      i. Belt and disc sander
      j. Palm sander
   2. Use of cold steel forming tools and welding tools, such as
      a. Steel chop saw
      b. Bender/roller/breaker unit
      c. Beverly shear
      d. Electric shears
      e. Nibbler
      f. Anvil
      g. MIG welder
      h. Arc welder
   3. 3-D modeling applications, such as clay, mold making and 3-D printing.

C. Assignments/exercises may include:
   1. Found object conceptual construction
   2. Kinetic sculpture
   3. Figure modeling
   4. Temporal site specific installation
   5. Steel sculpture
   6. 3-D modeling and 3-D printing

7. Complex mold making

VI. General Education and Course Learning Outcomes:

A. General Education Learning Outcomes

Students will:

1. Identify, analyze and critique from an historical perspective the formal elements and their bearing on the meaning of sculptural artwork both orally and in writing (GE-NJ 1, 6, *)
2. Critique and come up with constructive evaluations of fellow students' work in classroom discussions. (GE-NJ 1, *)
3. Apply digital technologies and media in the processes of producing sculptural artwork. (GE-NJ 4)

B. Course Learning Outcomes:

At the completion of the course, students will be able to:

1. Apply formal design elements and principles, color theory and a variety of materials in developing sculptural projects.
2. Operate all tools and machinery in the studio safely.

* Embedded critical thinking

VII. Modes of Teaching and Learning

A. Lecture/discussion
B. Technical Demonstrations
C. Studio work time and collaborative projects
D. Studio and homework projects
E. Student oral presentations and critiques
F. Museum/galley visit(s)

VIII. Papers, Examinations, and other Assessment Instruments

A. Demonstrated understanding of safety protocols
B. Demonstrated tool proficiency
C. Oral discussions and critiques
D. Assigned projects
E. Written work
F. Quizzes
G. Sketchbook

IX. Grade Determinants

A. Completed art works/projects
B. Craftsmanship
C. Employing safety protocols
D. Preparedness
E. Classroom participation
F. Critiques/oral discussions/presentations
G. Written work
H. Quizzes

X. Texts and Materials

(Please Note: The course outline is intended only as a guide to course content and resources. Do not purchase textbooks based on this outline. The RVCC Bookstore is the sole resource for the most up-to-date information about textbooks.)

A. Suggested textbooks
   1. Finch, Richard, Welder's Handbook, RevisedHP1513: A Guide to Plasma Cutting, Oxyacetylene, ARC, MIG and TIG Welding, HPBooks, 2007.
   2. Lanteri, Edouard, Modeling and Sculpting the Human Figure, Dover Publications, 1985.
   3. Fennell, Robert A., Methods For Modern Sculptors, Sculpt Nouveau Publishing, 1981.
   4. Archer, Michael, Art Since 1960, Thames and Hudson, 1997.
   5. Wood, Paul, Conceptual Art, Movements In Modern Art, Delano Greenidge Editions, 2002.

XI. Resources

A. Studio/classroom space including work tables, sinks, storage for student work and materials, portable computer, projector and screen, and appropriate safety configurations and protective gear for installed machinery and use of tools.
B. Machines and tools (for work with wood, clay, metals, polymers and other possible materials) such as
   table saw, band saw, chop saws, scroll saw, Beverly shear,
   bender/roller/breaker unit, drill press,
   Belt/Disk sander, grinders,
   Arc welder, MIG welder,
   3-D Printer and related software and materials,
   assorted hand-held power tools