

## Bellevue College - Winter Quarter 2014

### ART 260/261 A & B – Basic Ceramics I & II

Art 260 – 0781A

Art 260 – 0782B

Art 261 – 0783A

Art 261 – 0784B

### Syllabus/ Calendar

Classroom/studio location: **C157**

**Instructor:** Kapka Stoyanova

**Teaching/Lab Assistant:** Karen Eaves

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**(always include Art 260 or Art 261 in Subject line of correspondence)**

Office telephone: 425-564-2632

Lab telephone: 425-564-6177

Office location: C151

Office hours: Tuesday & Thursday, 8:30am -9:20am and 12:30pm -1:20pm

- Handouts may be accessed at the MyBC Canvas <http://www.bellevuecollege.edu/canvas>
- Quarter Dates: Tuesday, January 7<sup>th</sup> – Tuesday, March 25<sup>th</sup>
- Class Meets: **Tuesdays and Thursdays**
  - Section A:** 9:30am – 12:30pm
  - Section B:** 1:30pm – 4:20pm
- NO Class on Thursday, February 6<sup>th</sup> and Tuesday, March 4<sup>th</sup>
- NO Lab on Monday, January 20<sup>th</sup> and Monday, February 17<sup>th</sup>
- **Assisted Lab meets: Mondays and Wednesdays 11:30am-5:00pm**
- Unassisted Lab: Tuesdays and Thursdays 8:30am-9:30am

Requirements for this course are the completion of five specific assigned projects (four clay made projects and one research project.) In addition, there will be basic exercise-in-technique assignments designed to develop dexterity in the handling of clay, specifically handbuilding methods including pinch, coil and slab, and surface treatments including underglaze and slip decoration (261), glaze, and overglaze. Participation in clay mixing is also required.\* Throwing on the wheel is optional and **NOT** required except for those students enrolled in Art 261, which focuses on developing throwing skills on the wheel\*\*. There will be a written exam as noted below.

\* For Art 260 students during lab.

\*\*For Art 261 students participation in glaze and engobe mixing is required during lab.

You are required to attend all class sessions, critiques, and the final clean-up period.

Since most assignments require additional time, attendance in Assisted Lab is highly recommended, in order to be ready in advance of the due date: (Mondays and Wednesdays 11:30am-5:00pm.)

**Grading:** Students will be graded on **their interest, attendance, participation, desire and willingness to learn** as well as the **quality and completion of assignments**. There will be group critiques on the projects four times during the quarter on the dates listed below in the Calendar. Students are expected to keep all work until the end of the semester. **Unexcused absence will adversely affect student's grade.**

Final Grades will be based on the following:

**A Final Grade of A means:** Consistently excellent work, progress from assignment to assignment, demonstrating a high level of understanding, critical judgment and effort, excellent class participation, no absences.

**A Final Grade of B means:** Consistently good work, semester long progress, demonstrating above average understanding, good critical judgment and effort, regular class participation.

**A Final Grade of C means:** Some consistency, basic understanding of concepts and processes, average class participation, attendance marginal.

**A Final Grade of D means:** Poor or incomplete work, no appreciable progress, marginal understanding, unacceptable class participation, significant absences.

**A Final Grade of E/F means:** Poor, incomplete, missing work, lack of understanding or attempt to understand, poor effort, unacceptable class participation, extreme number absences.

**A Final Grade of I means:** An extended illness or emergency. You must arrange the "I" grade with your instructor.

Maintain academic honesty; plagiarism is intellectual theft. Do NOT copy the artwork of anyone!

Policies page (Students Procedures and Expectations): <http://bellevuecollege.edu/ArtsHum/policy.html>

GRADING (College Grading Policy): [http://www.bellevuecollege.edu/policies/3/3000\\_grading.asp](http://www.bellevuecollege.edu/policies/3/3000_grading.asp)

### **Classroom Etiquette:**

**No cell phones are permitted.** They are to be **TURNED OFF**. They are distracting and disrespectful to both your instructor and fellow students. If it is necessary to check it do so at the break. Walkman or other technological accessories are permitted when lecture/demonstrations/ critiques are over.

**Be respectful of studio's materials, supplies and samples.** Return them to their proper storage and in clean condition.

Be respectful of other students' work and materials. Keep your materials and projects in your locker.

**At the end of each class session clean your workspace.**

Lockers **MUST** be cleared out by Tuesday, March 25<sup>th</sup>, and ALL projects and personal belongings must be removed from the studio by that date as well.

**STUDENTS WITH DISABILITIES** The Disability Resource Center (DRC) at Bellevue College provides accommodation services for students with documented disabilities. The DRC staff coordinates assistance in meeting academic and professional goals for students with disabilities. DRC office has moved temporarily to the Library Media Center. You can call 425-564-2498 or visit <http://www.bellevuecollege.edu/drc>

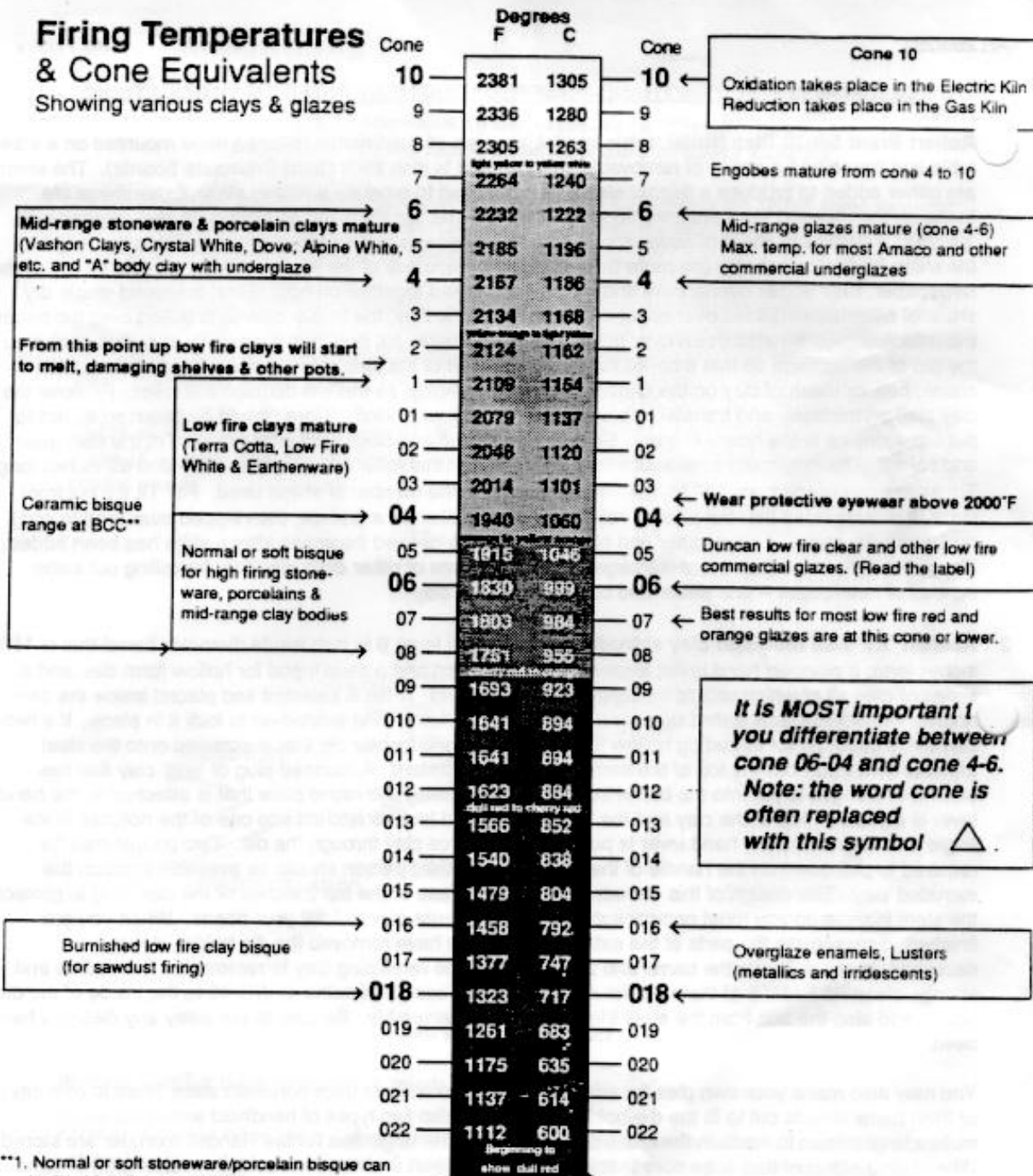
## Calendar

- Week 1:**
- 01/07** -Introduction to Ceramics: studio, materials, techniques
    - Handbuilding technique: Pinch
  - 01/09** -Basic wheel throwing techniques: centering, the "cylinder", shaping, opening
    - Surface technique: Underglaze.
    - Surface technique: sgraffito
- Week 2:**
- 01/13** - During Lab Monday 01/13: additional basic wheel throwing demonstration
  - 01/14** -Handbuilding technique: Coil
    - Basic wheel throwing techniques: footing/trimming
  - 01/16** -Handbuilding technique: Slab
    - Surface technique: Texture
    - Low fire glazes (cone 04-06): Introduction and discussion as surface technique
    - Discussion on **#1 project**: Art 260-Drinking Vessel; Art 261-Thrown Vessel
- Week 3:**
- 02/20** -No Lab
  - 01/21** -**Sketches due for #1** project, during class personal discussion and review on the sketches
    - High fire glazes (cone 10): demonstration with cone 10 glazes; Art 260 glaze 1 A-body pinch pot and Art 261 glaze 1 A-body cylinder
  - 01/23** -Review Test: Basic Ceramics
    - Demonstration wheel throwing plate
    - Discussion and slide presentation on **#2 project**: 260- 2D project; 261- Thrown Plates
- Week 4:**
- 01/27** -During Lab: additional wheel throwing demonstration - plates and platters
  - 01/28** -Discussion and slide presentation on **#3 project**: Art 260- 3D project; Art 261- Thrown Sectional
    - Surface techniques utilizing slips/engobes will be discusses and demonstrated
    - During Lab Wednesday 01/29: additional wheel throwing techniques, sectional forms
  - 01/30** -Test: Basic Ceramics
    - **Sketches due for #2** project, during class personal discussion and review on the sketches
    - By the end of the week Project #1 must be dry and ready for bisque
- Week 5:**
- 02/03** -Load cone 10 gas kiln on Monday 02/03 and fire off on Tuesday 02/04
  - 02/04** -**Sketches due for #3** project, during class personal discussion and review on the sketches
    - Discussion and slide presentation on **#4 project**: Art 260-Final; Art 261- Thrown teapot set
    - Project #2 must be dry and ready for bisque
  - 02/06** -No class

- Week 6:** **02/11 -Sketches due for #4** project, during class personal discussion and review on the sketches
- Unload cone 10 gas kiln on Monday, 02/10
  - **Group critique on project #1**
  - Surface techniques: utilizing overglazes
  - During Lab Wednesday 02/12: additional wheel throwing techniques: teapot, spout, lid, pulled handle
- 02/13** -Project #3 must be dry and ready for bisque
- Week 7:** **02/17** -No Lab
- 02/18 -Group critique on project #2**
- Discussion and slide presentation on Etruscan ceramics
  - Discussion and slide presentation on Pre-Columbian ceramics
- 02/19** -Load cone 10 gas kiln on Wednesday 02/19 and fire off on Thursday 02/20
- 02/20** -Discussion and slide presentation: Robert Arneson
- Discussion on **#5 Research Project:** Art 260 and Art 261
- Week 8:** **02/25** -Unload cone 10 gas kiln
- 20/27 -Last week for working with WET clay/greenware**
- **ALL projects 1-4 must be dry and ready for BISQUE firing by Monday, March 3th.**
- Week 9:** **03/03 -Last bisque** load for cone 10 glaze and for low fire glaze
- 03/04** -No class
- 03/05** -Load final cone 10 gas kiln on Wednesday
- 03/06** -Fire off cone 10 gas kiln on Tuesday 03/06
- Week 10:** **03/10** -Unload cone 10 gas kiln
- 03/11 -Group critique on projects #3**
- Load Last low fire glaze and overglaze firing
- 03/13 -FINAL group critique on project #4**
- Week 11:** **03/18** -This week: Studio clean-up/clean-out
- 03/20 -Due date #5 Research Project.** All ungraded work due during regular class
- Studio and all lockers must be cleaned
  - Grading
  -
- Week 12:** **03/25** - I will be on Tuesday 03/25 to complete grading and to submit grades

# Firing Temperatures & Cone Equivalents

Showing various clays & glazes



Mid-range stoneware & porcelain clays mature (Vashon Clays, Crystal White, Dove, Alpine White, etc. and "A" body clay with underglaze)

From this point up low fire clays will start to melt, damaging shelves & other pots.

Low fire clays mature (Terra Cotta, Low Fire White & Earthenware)

Ceramic bisque range at BCC\*\*

Normal or soft bisque for high firing stoneware, porcelains & mid-range clay bodies

Burnished low fire clay bisque (for sawdust firing)

**Cone 10**  
Oxidation takes place in the Electric Kiln  
Reduction takes place in the Gas Kiln


Engobes mature from cone 4 to 10

Mid-range glazes mature (cone 4-6)  
Max. temp. for most Amaco and other commercial underglazes

Wear protective eyewear above 2000°F

Duncan low fire clear and other low fire commercial glazes. (Read the label)

Best results for most low fire red and orange glazes are at this cone or lower.

**It is MOST important!**  
you differentiate between cone 06-04 and cone 4-6.  
Note: the word cone is often replaced with this symbol 

Overglaze enamels, Lusters (metallics and iridescents)

- \*\*1. Normal or soft stoneware/porcelain bisque can be fired from cone 08 to 04.
- 2. Low fire white & terra cotta clay is generally bisque fired at cone 02 to 1
- 3. "A" Body clay with underglaze can be bisque fired at cone 4 to 6 & then have a low fire glaze firing at cone 06 to 04.
- 4. Raku clay is usually bisque fired to cone 04 to 1
- 5. Clays that are to have crystalline glazes should be bisque fired slightly higher than normal (i.e. high fire porcelain or stoneware - cone 02 to 1)



**All cones mature with time and temperature**  
All temperature equivalents on this chart are based on a 270° F (150° C) per hour rate climb using the large cone. Rates of climb change per firing as do temperature equivalents.

**STUDENT SUPPLY LIST**  
ART 260 - ART 261 CERAMICS I & II

**Beginning: (260)**

1. 3-ring binder (for pre-punched hand outs and to hold blank paper for notes and to sketch on)  
pencil
2. Large clean-up sponge (synthetic is okay)
3. Small natural sponge (sea wool or sea silk, "elephant ear" is the preferred shape for throwing)
4. Plastic bags (dry-cleaner bags, lightweight plastic liners, etc.)
5. Clean rags (cotton or linen, like old toweling, sheeting, pillowcases, shirts, T-shirts, etc.)
6. 1 or 2 lidded plastic containers, small and pint size (like cottage cheese or yogurt containers)
7. Old clothes, apron or smock to protect your clothing, this is especially important for throwers.
8. Heavy duty plastic bag (no holes) and twist tie for storing clay, roughly 3-5 gallon size.
9. Old toothbrush, old hair comb, and knife.
10. Optional (recommended) textbook available at the BC Bookstore:  
*"Make It in Clay: A Beginner's Guide to Ceramics"* and *"Introduction to Pottery"* by Linde Wallner
11. Ziploc bag (quart size) for storing your dust mask.
12. Japanese watercolor or Sumi ink brush, #4-8
13. Padlock for storage locker (optional but recommended)
14. **Potter Tool Kit** (PTK) or Ceramic Tool Kit- contains all needed tools (Available at BC Bookstore)

**Intermediate: (261)**

All the above **PLUS** the following items:

1. Clay cut-off wire (prefer braided stainless steel)
2. An assortment of wire , metal ribbon trimming tools, needle tool and sponge,
3. Ribs and modeling tools

**#1-3 contained in Pottery Tool Kit**

4. Rubber scraper
5. Bats (for throwers) either sealed masonite, plastic, plywood, or particle board pre-drilled to fit Brint or new Shimpo (best), Pacifica, or old RK-2 model Shimpo wheels.
6. Chamois or suede strip (for throwers)
7. Bat pins: two of #10-24 x 1 ½ - 2" long screws with socket hex (HD) cap/head (stainless steel is best) and #10-24 wing nuts to fit, for all wheels at BCC. Also recommended is short arm steel hex key to fit.
8. Additional soft hair brushes, round or flat, in addition to Sumi.
9. Optional (recommended) textbook available at the BC Bookstore:  
*"Ceramic Class Throwing Techniques"* by Joaquin Chavanna