

Course - Section:	CERM 380 - Section 1
Course Title (Credits):	ST: Glaze Workshop (1)
Term & Year:	SP 20
Course Ref. No. (CRN):	10230
Professor:	Sheri Leigh O'Connor
Phone(s):	X7588 or 775-741-7437 cell (Emergencies only)
Email:	sleigh@sierranevada.edu
Office:	Holman room 104
Office Hours:	Tues. Thurs. 1:00 - 3:00 p.m., and by appt. (usually in office)
Class Meeting Time:	Wednesday 3:00 - 4:45 p.m.
Location:	Holman, room 103
Prerequisites:	Any ceramics class
Corequisites :	None – Ceramics studio class recommended, as this is not a studio. You may work on a limited number of ceramic projects, but this class will focus on glaze technology.

Course Description

Prerequisite: CERM 210 or consent of the instructor. This course is designed to help students gain an understanding of ceramic materials and how different kiln temperatures affect them. Students learn how to make adjustments in materials and temperatures to achieve desired results. Recommended for all ceramics students.

Student Outcomes:

- Be familiar with different firing methods
- Be familiar with how firing temperature and methods effect glazes
- Be familiar with glaze "families"
- Be familiar with glaze materials and their function within a glaze
- Be able to formulate glazes for a variety of firing temperatures and atmospheres
- Possess basic knowledge of how to load and fire kilns

Methods of Assessing Student Outcomes

Student outcomes will be assessed using the following:

- ceramic glazes formulated and fired by their due date – graded on completion basis
- participating in class critiques and discussions
- participating in studio operations such as loading kilns, keeping the glaze room clean, and other necessary chores.

Instructional Strategies

This course will incorporate:

- Professor lectures and demonstrations
- Hands on help with assigned glaze test tile projects
- Handouts with numerous glaze information
- Slides about ceramic glazes and glaze formulation
- Involvement in studio operations

Required Texts and Materials

There is no required text. A bound "handout book" will be distributed in class. Many handouts will be given throughout the course. Keep them in your notebook, and keep your notebook forever!

Recommended Text and Materials:

Clay and Glazes for the Potter by Daniel Rhodes

Attendance/Grading Policy

50% of your grade is based on attendance. Since we only meet once a week for a total of 10 times, attendance is mandatory. You may be excused with medical documentation or prior permission of the instructor. **If you are more than 15 minutes late, you will be marked absent. If you leave extremely early, you will also be marked absent.**

50% Completion of assigned projects, due at the start of class. **No late projects, or unfinished projects will be accepted! NONE! Come to class even if you don't have your project/s.** They will be graded on a completion basis.

Also considered: Participation and clean up. Participation includes helping with studio chores such as making test tiles, loading kilns, etc. Cleaning up one's mess and studio is also considered as part of your grade.

Sanctions for Cheating and/or Plagiarism**The Honor Code**

The faculty of SNC believes students must be held to high standards of integrity in all aspects of college life in order to promote the educational mission of the College and to encourage respect for the rights of others. Each student brings to the SNC community unique skills, talents, values and experiences which, when expressed within the community, contribute to the quality of the educational environment and the growth and development of the individual. Students share with members of the faculty, administration and staff the responsibility for creating and maintaining an environment conducive to learning and personal development, where actions are guided by mutual

respect, integrity, responsibility and trust. The faculty and students alike must make diligent efforts to ensure high standards are upheld by their colleagues and peers as well as themselves. Therefore faculty and students accept responsibility for maintaining these standards at Sierra Nevada College and are obligated to comply with its regulations and procedures, which they are expected to read and understand.

Consequences of Violating the Student Honor Code

SNC students and faculty share the responsibility for maintaining an environment of academic honesty. Thus, all are responsible for knowing and abiding by the SNC Faculty/Student Honor Code published in the current SNC Catalog. Faculty are responsible for presenting the Honor Code and the consequences of violating it to students at the start of their classes AND for reporting all incidences of academic dishonesty to the Provost. Students are responsible for knowing what constitutes CHEATING, PLAGIARISM and FABRICATION and for refraining from these and other forms of academic dishonesty. Violations of the Honor Code become part of a student's academic record.

1st Offense: Student receives a zero for assignment/exam and counseling with faculty on the honor code, consequences for violating the honor code, and the value of academic honesty in learning.

2nd Offense: Student fails course and receives counseling with faculty on the honor code, consequences for violating the honor code, and the value of academic honesty in learning.

3rd Offense: Student is expelled.

This honor code may apply to ceramics classes in these ways:

- You hand in a project that you didn't make
- You hand in a project that you made for another class, or assignment
- You hand in a project more than once claiming it's another project

The Mission Statement:

Sierra Nevada College graduates will be educated to be scholars of and contributors to a sustainable world. Sierra Nevada College combines the liberal arts and professional preparedness through an interdisciplinary curriculum that emphasizes entrepreneurial thinking and environmental, social, economic and educational sustainability.

The Core Themes:

Liberal Arts

Professional Preparedness

Entrepreneurial Thinking

Sustainability

ADA Accommodations

In accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, students with a documented disability are eligible for support services and accommodations. If a student wishes to request an accommodation, please contact the Director of Academic Support Services, Henry Conover, at (775) 831-1314 x7534, hconover@sierranevada.edu or go to the OASIS offices on the third floor of Prim Library within the first week of the semester.

The SNC Email System

The SNC email system is the official communication vehicle among students, faculty members and administrative staff and is designed to protect the confidentiality of student information as required by the Family Educational Rights and Privacy Act of 1974 Act (FERPA). Students should check their college email accounts daily during the school year.

Students have a right to forward their SNC e-mail to another e-mail account (for example, @hotmail or @gmail). However, confidentiality of student information protected by FERPA cannot be guaranteed for SNC e-mail forwarded to an outside vendor. Having email redirected does not absolve a student from the responsibilities associated with official communication sent to his or her SNC email account.

Safety Issues:

Please consider your well-being and those around you when working in the ceramics studio. Wear a respirator when working with dry glaze materials and sweeping. Wear gloves and safety glasses or face shields when required. Don't sacrifice your safety for your ceramic work; you can make another piece, but you can't make new hands.

Do not put fired clay into the recycle clay buckets!

Tie long hair back when using the wheel, grinder or other rotating tools. Do not have long fingernails; they can cause hand injuries. Do not play with equipment, as it can be dangerous.

Studio Usage:**Only students registered in a ceramics class at SNC may use the studio.**

Do not bring in your friends to play. Security will be given rosters, and will be checking to make sure that students using the wheels, etc. are indeed registered ceramics students.

End of the semester:

At the end of the semester please gather all your things that are in the studio and remove them, or they will be tossed or absorbed. Throw glaze test tiles you don't want in the trash.

Enjoy your experience with glazes. They make or break the piece. Knowing what chemicals do in a glaze is essential to being a successful ceramic artist or teacher. Inventing your own unique glazes is very rewarding and exciting. I hope you have a memorable semester in here working with glazes, and I hope that you keep your glaze book and reference it throughout your career in ceramics.

Class Schedule

Class	Date	Demonstrations/Assignments/Critiques (Subject to Change – Slip Happens)
1	Wednesday January 22	Introduction, going over syllabus, structure of course, and discussing students' glaze interests. Test tile demo. Make test tiles for cone 6 firing. Assign each student a letter. Discuss stamps to identify different clay bodies. Have at least 10 stamped test tiles on shelves to be bisqued in time for class next week.
2	Wednesday January 28	How to mix a glaze test and dip tile. Formulate and mix cone 6 - 4321 glaze, and glaze test tiles for next week's class. DOCUMENT! DOCUMENT! DOCUMENT!
3	Wednesday February 4	Make mancala boards for testing single glaze materials. Label each well. Get them bisqued for next week's class. Go over color coding tape on glaze ingredients. Glaze lecture on functions of glaze ingredients.
4	Wednesday February 11	Mix up Hansen's 5 – 20 glaze tests for next class. Load up mancalas full of glaze ingredients and get fired for next week's class.
5	Wednesday February 18	Lecture on typical glaze percentages and how to make a glaze recipe equal 100 every time. Mix up low fire base glaze. Put on cone 06 red and white clay test tiles.
6	Wednesday February 25	No Class – Sheri will be in Japan

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| 7 | Wednesday
March 4 | Lecture on glaze additives – colorants, suspenders, opacifiers, and the need for clay in glaze recipes. Mix up Ceramic Arts Daily Cone 6 base recipes for next class on red and white cone 6 test tiles. |
| 8 | Wednesday
March 11 | No Class – Spring Break |
| 9 | Wednesday
March 18 | John Britt's cone 6 base glazes. Mix for next class. |
| 10 | Wednesday
March 25 | No Class – Sheri will be at NCECA – Consider going too! |
| 11 | Wednesday
April 1 | Line Blends. Easy and complicated ways. Do one easy line blend with a successful base and have it fired for next class. |
| | Wednesday
April 8 | Triaxel blends. Do triaxel with successful base. Have it fired for class next week. |
| | Wednesday
April 15 | Converting cone 10 glazes to cone 6. Choose a glaze you'd like to convert and do so, dipping tile for next class. Glaze flaws and possible solutions. |
| | Wednesday
April 22 | Final during class. Bring all your work for the semester, have it neatly displayed and organized, and be prepared to talk about it. |

If time allows, and there is interest, we'll also discuss: Underglazes, Engobes, and Slips, Lichen glazes, Majolica, Terra Sigilata, Glaze web sites: ceramicartsdaily.org, glazy.org, digitalfire.com, and Clay bodies.

Please remove all your belongings from the studio by Friday April 24. Consider taking a summer workshop – they're awesome!

