

**Course Syllabus: FUSED GLASS**  
**SENR 7017 101CL**  
**10-12 / M / LLGP Rm # 104**

**Instructor Information**

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**Course Description**

Get ready to "put it all together" in a fun, fast paced, informative class designed to introduce students to the terminology, tools, and techniques of fusing and slumping of kiln formed glass. Lessons will be centered on learning different methods to fuse glass, types of compatible glass (COE) and why glass reacts the way it does when exposed to heat. You will learn proper glass cutting skills, firing schedules, kiln operation and maintenance, mold preparation, studio safety, and troubleshooting. Students will create up to 8-9 projects. We will make jewelry pieces, glass tops for jars, a small dish, glass puddles, yard art, Halloween, and Christmas projects. We will cover many projects designed to master the art of fused glass. There is no pre-requisite, just be curious and patient!

**Required Supplies**

Band aids  
Face dust mask (Home Depot)  
Rubber mat for cutting glass (Walmart or craft store in sewing section)  
Protective glasses or prescription glasses  
Glass tools found at craft stores: glass scorer, running pliers, grozer, and nippers (found at hardware store in tile section)  
Paper towels (Bounty preferred)  
Lint free towel (Nice to have)  
3-in-1 Oil (very small bottle), Gorilla 2-part epoxy glue (hardware store) or E6000 glue  
70% Alcohol (mix 70% alcohol with 30% white vinegar)  
3 small cheap art brushes (flat angled, sharp, & rd)  
3 Ring Notebook w/paper and sleeves  
**Liquid** hair spray (Cheap unscented)  
Tweezers  
Small, sealed container for 3-1 oil  
Small containers for glass scraps (get later in semester after discussion)  
Blue painters' tape  
Toolbox  
Triangle 8" to 12" long and 12-inch ruler W/16<sup>th</sup> inch markings  
Small Scissors  
1 black permanent marker, fine line, Silver Sharpie  
Circle template, nice to have  
Q-tips in small container  
Small reusable containers on hand for oil  
Old small cookie tray for glass projects (8x10), line with dollar store rubber mesh to hold your glass work

**Please do not buy everything at first.** You may have many items around the house. Ask your friends, spouse, or neighbors for tools. *Put your name on all supplies.*

**End-of-Course Outcomes**

Upon successful completion of this course, students will: Upon successful completion of this course, students will: Upon successful completion of this course, students will: learn differences of glass colors, textures, surfaces, glass viscosity, and types of glass. Learn how to perfect your projects' outcome by planning ahead and research. Keep notes on work related to glass and color transformation, kiln temperatures, glass color expansion, what worked and what did not work. Know proper use of equipment and begin to master the use of your tools. Learn how to cut glass evenly and

smoothly. Learn to cut glass circles without too much grinding. Cut circles free hand and use of circle cutters. And finally, keep your glass journal notebook up to date with work, pictures, notes, and reference material.

### Course Outline

**Week 1: Sep 13 Introduction** to glass: safety procedures, equipment, and types of glass to be used. We will visit the Kiln room to discuss cubby hole assignments, safety procedures, masks, and the kiln process. You will get your glass for the semester! Glass cutter, running tool, and mats will be provided for testing. We will review the class supplies list. You will receive your class number and label your kiln shelf. Glass will be distributed for the semester, for all projects. The glass is purchased at wholesale cost. We will practice cutting window glass. Students will cut glass squares, strips, circles, and ovals. We will discuss how to clean and prep glass for firing. And how to keep class tools clean. Label all your tools and glass. Glass can be stored in the Kiln room or locked cabinets. Time permitting, we will make a piece of jewelry or two!

**Week 2: Sep 20 Night lights!** Purchase an auto night light from a good dollar store or HEB and take off cover. I will have the bracket to attach to your glass. Night lights will be the size of 3x4" or smaller and two layers. Ideas for lights: palm trees, stamped designs, Christmas trees, stems with flowers, fish, etc. **Homework:** look for a jar or two with metal or wood lid.

**Week 3: Sep 27 Jar Tops:** Cut circle to fit jar top(s) and design glass top. Glass will be 1 or 2 layers thick with other glass pieces to accent and strengthen core layer. By week three you should be more comfortable with cutting glass, familiar with basic kiln fuse schedules (tack, full fuse). Review terms and practice using grinding and saw tools.

**Week 4: Oct 4 Halloween Yard Art or Dish, Puddles** We will have several designs to choose from for a Halloween design You can elect to make a flat design for your years or a dish. We will also assemble a stack of glass squares (3" x3") 6to 8 pieces tall and melt into a puddle to break apart later. Puddles are used for jewelry or embellishment on dishes.

**Week 5: Oct 11 Halloween Jewelry** We will make jewelry such as a pumpkin, ghost, candy cane, monster, etc. Break up your puddles and submit some for firing.

**Week 6: Oct 18 Puddle dishes** We will make a dish 6" or smaller with your broken paddle pies. It could be abstract or a landscape. Pick your mold first and then measure your glass to fit the mold.

**Week 7: Oct 25 Transparents!** We will learn the fun and options of working with transparent glass. You will have a pattern to follow for a dish.

**Week 8: Nov 1 Yard Art** We will make transparent birds or opaque, your choice. Homework: go to craft store and find a narrow or square glass block with hole in bottom for LED lights. Go to wedding section and find tiny white LED lights.

**Week 9: Nov 8 Christmas Blocks** We will design a Christmas tree for your block. Once it has been fired you will glue it to the block with epoxy or E6000

**Week 10: Nov 15 Christmas Jewelry** We will design jewelry: snowmen, Christmas trees, snowflake, etc.

**Week 11: Nov 22 Christmas Block** We will design another Christmas tree for you to keep or give away.

**Week 12: Nov 29** Finish work, pick up work, eat and be merry. We will talk about next semester.

### COVID Statement

All students, faculty and staff are expected to familiarize themselves with materials and information contained on the College of the Mainland's Coronavirus Information site at [www.com.edu/coronavirus](http://www.com.edu/coronavirus). Students are required to watch a training video, complete the self-screening, and acknowledge the safety guidance at: [www.com.edu/selfscreen](http://www.com.edu/selfscreen). In addition, students, faculty, and staff must perform a self-screening prior to each campus visit. Finally, students, faculty, or staff which have had symptoms of COVID-19, received a positive test for COVID-19, or have had close contact with an individual infected with COVID-19 must complete the self-report tool.

### Grading Scale

Students enrolled in non-funded non-credit classes will receive a final grade of "CR" (Completed Successfully) or "N" (no, did not complete).

### Withdrawal Policy

You may withdraw from this course at any time by speaking with the Front Desk Personnel who will file the necessary paperwork. Once the semester is underway, we do not issue refunds. If you have a special circumstance, please speak with the Program Manager.

### Americans with Disabilities

Any student with a documented disability needing academic accommodations is requested to contact the Office of Services for Students with Disabilities at 409-933-8520, which is in the Student Success Center. <http://www.com.edu/student-services/counseling.php>.

### Classroom Conduct Policy

College of the Mainland requires that students be familiar with the Standards of Student Conduct, which can be found in the on-line Student Handbook at <http://www.com.edu/student-services/student-handbook.php>. Students should always act in a professional manner and will be held accountable according to college policy. Violations of the Code of Conduct will result in a referral to the Office for student Conduct and may result in class dismissal.

### **Emergency Notification System**

College of the Mainland uses a rapid notification system called COM Alert to send text, voice and/or email messages for unscheduled school closings and other emergencies. Student and employee contact information provided during registration is automatically loaded into the system and updated every night. Because of this, students are encouraged to provide a cellphone number as their primary contact phone number. Students may update their default contact information through the Lifelong Learning office. In addition to the automated process, anyone including non-student family and community members may create a COM Alert account by visiting <https://comalert.bbcportal.com>. This type of account is managed independently from the automatic uploads and allows for multiple contact phone numbers to be provided.

### **Concerns/Questions Statement**

If you have any questions or concerns about any aspect of this course, please contact the instructor using the contact information provided at the top of this form. If, after discussing your concern with the instructor, you continue to have questions, please contact Lisa Renfroe at 409-933-8432.

### **Drug-Free / Smoke-Free Campus Policy**

College of the Mainland prohibits the possession or use of illegal drugs or alcohol by students on campus or while representing the college at off campus student events. Violations of this policy will result in dismissal from the program. College of the Mainland campuses are smoke-free campuses.