

Surface Level Enameling

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July 17-23, 2022

COURSE DESCRIPTION

In this class, students will be experimenting with surface decoration techniques on enamel. These surface treatments happen on the top layer of the fused glass, meaning they are mostly pigments, oils, overglazes, and underglazes. The main focus of the class will pertain to luster, overglazes, and finishing techniques. Mica powders, or lusters, will add both texture and interferences on the enamel to play with light. Overglazes, such as China Paint (or a substitute for the original material) will be used to add illustration, linework, painted imagery, or words to pieces. Finishing techniques, such as sugar firing, will be discussed to add textural, glittering surfaces. We will also discuss a wet packing, as it pertains to both layering the enamel and application of pigment. Due to working with mainly the top layer of the enamel, it is recommended that students have basic, prior knowledge of fusing base layers and balancing the enamel via countering.

MATERIALS LIST

- 10, 2" Copper discs – May use existing metal stock (cut down metal into any form, or purchase other blanks, but keep to about 1-2" of surface material per sample or piece. May not use all 10, but may keep for further samples or split a pack. Rio Grande – www.riogrande.com Item # 682457
- A small palette of enamels to choose from, do not have to purchase new enamels if you already own a collection, but make sure to include at least one opaque color. I will be demoing on both Thompson (clover pink, bitter green, and a few others) and W.G. Ball Enamels (spring green, Pink, sky blue, mint, and a few others) (NOTE FOR FLYING: You can fly with enamels, but they must be individually checked by TSA, therefore I recommend shipping ahead or using studio supply.) Can be purchased through: RioGrande.com, ThompsonEnamel.com, E-Namels.com, AllCraftUSA.com
- 4/0 saw blades (Any blade size is fine depending on your preference and stock) *Sawing isn't required, but is an option to change the shape of the blanks* Rio Grande – www.riogrande.com Item #110304 (These are for Laser Gold blades, but any existing stock will do)
- PEARL EX is a good starter brand for mica powders, I suggest purchasing them locally if possible, because they tend to be cheaper, however, AMAZON has a wide variety to choose from. The "interference" colors such as interference green, blue, or violet, have the most immediate results. (local art stores, Amazon.com)
- Glass vial with metal lid (These will hold your liquids in smaller amounts to avoid ruining the master containers if mixing failures or contamination occurs. MUST BE GLASS!!! Plastic will melt when some products are mixed).
- Purchase locally (Joanne Fabrics, Michaels, AC Moore, local art supplier, Wal-Mart, etc...) or online with Amazon (typically only in bulk) I love these for my klyr-fire and some non-hardening mediums, so I have 2-3:
https://www.amazon.com/dp/B00V73OA6O/ref=redir_mobile_desktop?encoding=UTF8&aaxitk=5fe8d252e54c6a397a3cb30219c0aae0&hsa_cr_id=5245859290901&pd_rd_plhdr=t&pd_rd_r=4c60128d-8dd2-4043-ba8d-4a3fb29cbbea&pd_rd_w=RfLMF&pd_rd_wg=rv30V&ref=sbx_be_s_sparkle_mcd_asin_0_img
- 2-4 small soft paint brushes (Nylon is fine, will be used to apply mixed mediums and pigments on to enameled surfaces.) Purchase locally (Joanne Fabrics, Michaels, AC Moore, local art supplier, Wal-Mart) or online at Amazon.com
- Plastic paint palette with lid - For your various pigments. Lid great for not contaminating and traveling. If you use one for enameling, I recommend a second one for micas specifically. Have found cheaper locally, but here is an example Amazon example: https://www.amazon.com/Loew-Cornell-Well-Plastic-Palette-Knife/dp/B0018N6LAG/ref=sr_1_19?crid=20782YMKY8TWS&dchild=1&keywords=plastic+paint+pallets+with+lid&qid=1631800284&s=home-garden&sprefix=plastic+paint+pa%2Cgarden%2C151&sr=1-19
- 1 smooth ceramic tile or something similar (I purchased a subway tile from Lowe's) – For mixing the China paint or other materials, I like ceramic tiles or something with that smooth surface. It can be a flat enameled surface, the center of your paint palette or whatever hard, smooth surface you acquire. I have

found cheap tiles at re-stores like Habitat for Humanity, Goodwill, etc. Don't purchase something expensive for this unless you really want to, this China Paint mix will harden into a candy-like state if not cleaned off quickly so it gets messy.

- 1 small palette knife for mixing pigments! I prefer both very flexible round ones or pointed stiffer ones. But always metal. Purchase locally (Joanne Fabrics, Michaels, AC Moore, local art supplier, Wal-Mart, etc..) or online with Amazon
- Calligraphy Pens/Nibs Note that this is a dip set, not a fillable one. Must be able to clean off thoroughly for reuse. May be found at places like Michaels or higher end nibs at local art stores, but here is the Speedball set I have on Amazon: https://www.amazon.com/Speedball-Products-SB2964-Sketching-Project/dp/B0007ZJ8RO/ref=sr_1_2?dchild=1&keywords=calligraphy+dip+pen+speedball&qid=1631802433&sr=8-2
- Rubber Wipe-Out Tool (Link provides standard size but can be purchased in smaller sized sets. The tips will wear over time. https://www.amazon.com/Kemper-4336842105-Wipe-Out-Tool/dp/B0001VNQRC/ref=sr_1_1?dchild=1&keywords=wipeout+tool&qid=1631802599&sr=8-1
- Glass vial with dropper (for klyr-fire) https://www.amazon.com/WHOLE-FOODS-MARKET-Bottle-Dropper/dp/B0786GZXN7/ref=sr_1_4_0o_wf?dchild=1&keywords=glass+bottle+with+dropper&qid=1634243157&sr=8-4
- Flash drive (to protect and save data to and from Library computers)
- Padlock for your studio locker, if desired (For rent in the Supply Store for the week)

The Supply Store has a small selection of materials for all mediums. If you intend on purchasing items from the store once you arrive on campus, please reach out to our supply store to ensure we have those materials in stock. Call 865-436-5860 Ext. 25 or email store@arrowmont.org

MATERIALS FEES: \$50.00-\$130.00

Materials fees will be charged for materials used in the studio and/or provided by instructors for use in the studio by the entire class. In order to keep these fees as low as possible, fees are assessed on an individual class basis and may vary from class to class depending on the amount of materials used and the number of students in the class. Materials fees are paid on the last day of class.

Please be advised that above course description and materials list is written and approved by the instructor

If you have any additional questions about this class, below is the contact info for your instructor:

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