Wilton High School

Advanced Ceramics

Course Description:
Advanced ceramics classes are project-based courses. Students will develop ceramic skills with an emphasis on the production of related pieces, large scale work, and advanced throwing technique. Specialty glazing, decorative finishes, and Raku will be introduced. Advanced ceramic studio assignments will be undertaken in accordance with the student's skill level and ability. Techniques learned will include various forms such as plates, bottles, belly pots, and lidded jars. Students will use these skills to create thoughtful ceramic pieces. Projects will include historical and methodical research and creation along with the study of processes and materials. Students will participate in the presentation and critique of their own work and the work of peers. Work will be placed on display throughout the semester.

Units/Topics	Students will know:	Students will be able to:
Surface Techniques: • *Sodium Silicate* • *Porcelain slip* • *Underglaze* • *Underglaze decals* • *Textures* • *Piercing* • *Carving*	• How to work with sodium silicate, porcelain slip, underglaze, underglaze decals. • How to do piercing and carving on clay. • How to add texture to clay	• Work with and apply to clay sodium silicate, porcelain slip, underglaze, underglaze decals. • Pierce and carve clay • Apply texture to clay

Advanced Wheel ● *Join Pots together* ● *Alter rims of pots* ● *Throw Various forms* ● *Add non- clay objects to ceramic pots.*	● How to join pots together ● How to alter rims of forms ● How to throw: Open forms/ closed forms ● How to throw various forms: Belly pots Bowls, Vases Plates	● Join pots together to create collage pots. ● Alter the rims of ceramic forms ● Throw open forms and closed forms ● Throw various forms: Belly pots Bowls, Vases Plates
Advanced Slab ● *Large platters* ● *Textures* ● *Underglaze design*	● How to create large platters ● How to add textures to a clay slab ● How to create an underglaze design	● Create large platters ● Add textures to a clay slab ● Create an underglaze design
Glaze ● Bubble Glaze ● Slip trail ● Glass Added ● Rim - Dip glaze ● Wax Resist	● How to create bubble glaze ● How to slip trail on a ceramic piece ● How to add glass to a ceramic piece ● How to dip glaze on the rim ● How to use wax resist	● Create a bubble glaze on a ceramic piece ● Slip trail on a ceramic piece ● Apply glass to a ceramic piece ● Dip glaze on the rim of a ceramic piece ● Apply wax resist on a ceramic piece