

Nanette Pengelley
Intro To Sand Casting With The Tiny Torch

Course Description

Do you ever wish that you felt comfortable casting your own pieces from the comfort of your own studio? While lost wax casting is a lot of fun, it can be complicated and require a lot of extra materials that quickly add up– a great alternative could be sand casting. In this course we will explore different methods for carving our own unique pieces, and learn to cast them using Delft Casting Clay and the Smith Little Torch.

Outline & Course Outline

- Discuss designs that are appropriate for sand casting vs. lost wax (2 part mold vs 3 or 4)
- Discuss how to plan out your design
- Decide on method for carving (discuss benefits of wax vs Sculpey vs natural materials)
- Learn how to use the delft clay casting system (how to build your mold)
- Learn proper safety protocols and equipment to use
- Discuss torch tip to use (what is best vs what you actually have)
- How to pour your mold
- What to do if it doesn't work, how to troubleshoot and try again
- How to clean up your piece (which tools to use, how to do it safely)

THE OBJECTIVES/INTENDED OUTCOMES

- To give students the confidence to cast from home
- To learn time saving techniques that can help students reuse precious materials
- To come up with new ideas together about how to improve a time honored metalsmithing practice– let's cast!