

1-2004

ANTH 465.01: Human Identification

David Garry Kerr

University of Montana - Missoula, garry.kerr@umontana.edu

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HUMAN IDENTIFICATION ANTH 465

Instructor: Garry Kerr

Class Time: T,Th 9:40 - 11:00

Class Room: Social Science 250 (Physical Lab)

The intent of this course is to give the student a working knowledge of the basics of casting techniques. A variety of materials will be explored, including (but not limited to) Plaster, Latex, Alginate, Silicone, Plastic, and Foam. Solid casts, hollow casts, as well as single and double poured casts will be illustrated. Staining and protection of casts for display and storage will also be addressed.

Each student will choose a casting project to complete during the term. Two students may choose to work together on a very time consuming project. Anyone with a future in the; sciences, museum work, forensics, fossils, human evolution & variation, the arts, and many other fields should have casting experience in their past. (Casting class and experience is a great Vitae entry!)

Facial Reconstruction, a combination of math, science, and art, teaches students how to apply forensic anthropology using the hands-on technique. The course is designed to train students with futures in anthropology and law enforcement, as well as, the arts, museum work, human evolution, movie and entertainment, disaster and historical identification. Students will make a plaster cast of a human skull (of their choice), be given clay, tissue depth charts, and all the assistance necessary to complete a facial reconstruction, along with short lectures on historical and present day applications of facial reconstructions.

Week of:	COURSE OUTLINE	
Jan. 27&29	Introduction & Lab Tour	
Feb. 3 & 5	Demonstration: Plasters	Introduce Skulls
10&12	Video: Casting Tech	Choose Skull
17&19	Demo: Release Agents	Cast Skull
24&26	Demo: Latex	Video
Mar. 2 & 4	Demo: Rubber	Mark points & Cut Markers
9 & 11	Demo: Wax	Attach Depth Markers
16&18	Demo: Plastics	Begin Clay Bridging & Set Eyes
23&25	Demo: Alginate	Sculpt Upper & Lower Eye Lids
30 & 1	NO CLASS SPRING BREAK	
April 6 & 8	Demo: Foam	Build Nose
13&15	Demo: Silicone	Work on Lips
20&22	Demo: Stain, & Protect	Set Ears & Adjust Expression
27&29	Finish Project	Finish Face and Add Wig
May 4 & 6	No Final Clean Lab	Present Reconstruction