

ARCHAEOLOGICAL LABORATORY METHODS
ANT 4180L
FALL 2009

INSTRUCTOR: Dr. John Worth Office – 857-6204, jworth@uwf.edu

LAB DIRECTOR: Jan Lloyd Lab - 474-2087, jlloyd@uwf.edu

LAB ASSISTANTS: Jennifer Melcher, Adrienne Sams

PURPOSE: The purpose of this course is to introduce the basic methods of processing, classifying, coding and analysis of archaeological material. The material to be processed was recovered during the 2009 field school excavations at the Arcadia Mill (09V-8SR384), the Colonial Frontiers mission site in Molino (09F) and an 18th century Cuban fishing village from Useppa Island. These materials will include historic European, Mexican and Indian ceramics, glass, metal, lithics, architectural remains and faunal remains.

TEXTS: - *A Guide to Artifacts of Colonial America* by Ivor Noel Hume AND
- *Archaeology of the Florida Gulf Coast* by Gordon Willey AND
- *Artifacts of the Spanish Colonies of Florida and the Caribbean, 1500 - 1800, Volume 1*
by Kathleen Deagan (MORE ON LINE http://www.flmnh.ufl.edu/histarch/gallery_types/)

**Recommended, but not required: *Artifacts of the Spanish Colonies of Florida and the Caribbean, 1500 - 1800, Volume 2* by Kathleen Deagan (required readings from library or lab.)

***PRINT OUT LAB MANUAL THROUGH LIBRARY COURSE RESERVE SECTION
AND PUT IT INTO A 3 RING BINDER TO USE DURING CLASS.

COURSE ORGANIZATION:

AUG. 24-SEPT. 24	Learning laboratory procedures and artifact classification Artifact lectures and quizzes
OCT. 2 - DEC. 4	Laboratory processing procedures: rough sorting, cleaning, classification, coding, cataloging, bagging and boxing artifacts
OCT. 22, NOV. 17	Formal Evaluations - Review of Progress
DEC. 3 (TH)	Last day of class (*Dec. 4 – last day to make up class hours)
DEC. 8(TU)	PAPER PRESENTATION (during Exam week Dec. 7-11)
DEC.10(TH)	<u>WRITTEN PAPER DUE BY NOON THURS., DEC. 10.</u>

THINGS TO PURCHASE:

- Two towels (and an apron if you like)
- Three-ring binder (at least 3"), 2 sets of dividers and paper (for lab manual)
- 10X loupe (magnifier) - available from Hinote Coins, 9 Mile Road near K-Mart
- 2 Pygma or Millennium pens (005 point, black) - Michael's or Hobby Lobby
- Required textbooks and one clip in folder for the code book.

***ATTENDANCE:** Attendance will be taken during each class. Two absences will be allowed, but all missed lab hours must be made up. After two absences, five points will be deducted from the student's final grade.

LEVEL OF EFFORT: Although this class is scheduled to meet on Tuesday and Thursdays from 1:00 - 4:00 pm, more work over and above class time will be required to study and complete your assigned processing and analysis. Like most lab courses, you should plan more time than is scheduled to learn classification of artifacts and complete processing the materials.

GRADES: Grades will be determined as follows -

Artifact Quizzes (4 of 5)	25%
Comprehensive Lab Quiz	10%
Lab methods and participation	40%
Paper and presentation	25%

TESTS: Six quizzes on the classification of cultural material will be given during the first 10 class sessions. The first 5 quizzes consist of identifying artifact types such as ceramics, glass, metal, flora, fauna, and lithics. The 6th quiz is comprehensive, covering all artifact types. The lowest quiz grade of the first five may be dropped, but the comprehensive quiz grade cannot be dropped.

LAB POLICIES

1. The lab will be open during regular working hours (Monday through Friday, 9:00 am-4 pm). Other times may be arranged by appointment since graduate students will be working in the adjacent lab.

2. **CLEAN UP AFTER YOURSELF!** This is a working, professional lab and must remain clean at all times, especially when you leave for the day. Clean up is a part of your **participation grade**. Return materials to shelves. Clean bowls/sinks, tables/floor of dirt, etc.

3. **No** radios or CD players (no, not even with headphones) can be used while working in lab class. A professional lab is quiet so that people can concentrate on their work. Accuracy in lab work is absolutely essential. Disruptive behavior is not acceptable.

4. The reference books in the lab are to be used in the lab **ONLY**. These books either belong to the Archaeology Institute or are personal books of the staff.

5. **No eating or drinking at your work station during class.** Take care of your lunch needs **BEFORE** you come to class or during break. Bottled WATER with a cap **ON** may be kept near your work station. There will be a 15 minute break during each class period.

SCHEDULE AND READING ASSIGNMENTS

<u>DATE</u>	<u>TOPIC(S)</u>	<u>READING FOR CLASS THAT DAY</u>
AUG. 25 (TUES)	Orientation and explanation of syllabus Overview, Introduction to Artifacts	
AUG. 27 (TH)	Historic Ceramics Lecture Jan Lloyd	Hume – p.55-57, 76-80, (98-150), 257-265, 276-295, Deagan – p. 1-3, 19-30, (30-105) Lab Manual – Historic Ceramics
SEPT 1 (TUES)	American Indian Ceramics Lecture - Norma Harris & Dr. John Worth	Willey- forward, p. 9, 100-101, 351-354, 366-372, 396-409, 452-458, 488-490 Lab Manual –American Indian Ceramics

SEPT. 3 (TH)	Historic and American Indian Ceramics Practice Session (1.25 hours) and Quiz #1 Ceramics, Historic and American Indian (last hour of class)	
SEPT. 8 (TUES)	Glass Lecture Jan Lloyd	Hume -296-313, 60-76,233- 235,184-202, 88-93 Lab Manual – Glass Deagan-p 127-155,
SEPT. 10 (TH)	Quiz #2 – Glass (Cer/Gls) Fauna/Flora Lecture - Cathy Parker	Lab Manual - Flora and Fauna
SEPT. 15 (TUES)	Quiz #3 – Fauna and Flora (Cer/Gls/Fau) Metal and Conservation Jan Lloyd & Dr. John Bratten	Hume - p.53-55, 49-52,58-59, 84-88,154-174,175-184, 227-233, 235-257,265-271 Lab Manual – Metal/Conser- vation, Deagan- p. 156-183
SEPT. 17 (TH)	Quiz #4 - Metal and Conservation (Cer/Gls/Met/Fau) Lithics Lecture (Prehistoric and Historic) - Lloyd & Worth Architectural Materials - Lloyd	Point Typology-Lab Manual, Gunflints-Lab Manual, Hume p. 211-222, Lab Manual - Bricks and Mortar, Hume p. 80-84, Deagan- p 117-126
SEPT. 22 (TUES)	Quiz #5 - Lithics (Cer/Gls/Met/Lith/Fau) Buttons, Pipes and Beads Jan Lloyd	Lab Manual-Buttons, Pipes, Beads
SEPT. 24 (TH)	COMPREHENSIVE QUIZ - 100 questions (2 hours) AND OVERVIEW OF SITES (last hour)	
SEPT. 29 (TUES)	Assignment of project. Begin explanation of LAB PROCEDURES - details of forms, cataloging, checking system, etc.	
OCT. 1 (TH)	Complete LAB PROCEDURES explanation including use of data code sheets and Code Book. Begin artifact processing.	
OCT. 1 - DEC. 3	ARTIFACT CLASSIFICATION AND CODING OF ASSIGNMENT	
OCT. 22 AND NOV. 17	INDIVIDUAL EVALUATIONS DURING CLASS	

****NOV. 20 (FRI) CUT OFF DATE for artifact processing for use in paper, BUT ANALYSIS WILL CONTINUE THROUGH DEC. 4**
-DATA FOR USE IN WRITING THE ANALYSIS AND CONCLUSIONS PART OF THE PAPER WILL BE AVAILABLE BEFORE THANKSGIVING HOLIDAY.

IMPORTANT DATES SUMMARY:

HOLIDAYS -

MON., SEPT. 7, LABOR DAY (Does NOT affect our class)

WED., NOV. 11 – VETERAN’S DAY (Does NOT affect our class)

THURS.- FRI., NOV. 26-27 THANKSGIVING

OCT. 22 (TH) – INDIVIDUAL EVALUATIONS DURING CLASS

NOV. 17 (TU) – INDIVIDUAL EVALUATIONS DURING CLASS

DEC. 3 (TH) LAST DAY OF CLASS

DEC. 8 (TU) ORAL PAPER PRESENTATION DURING EXAM WEEK, 1-4 P.M.

DEC. 10 (TH) WRITTEN PAPER DUE BY NOON, THURSDAY, DEC.10. (GRADES ARE TURNED IN BY TUES., DEC. 15 AT 9 A.M.)