ANT 304T – Introduction to Texas Archaeology
Unique # 30435
Class meets MW 3:00-4:00 pm in CLA 0.112

Instructor:
Dr. Mariah Wade
Office: SAC. 4.146
Office hours: 1:30-2:30 MW
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Teaching Assistants:
Mr. Casey Hanson (30445 and 30450)
Office: SAC. 4.166
Office hours: MW 4:00-5:00
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Ms. Jannie Scott (30435 and 30440)
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Office hours: MW 4:30-5:30
Email: jannie.scott@utexas.edu

Lab Sections and meeting times:

  30435: T 2:00-3:00 pm - SAC 4.174 Ms. Scott
  30440: TH 2:00-3:00 pm - SAC 4.174 Ms. Scott
  30445: M 5:00-6:00 pm - SAC 4.174 Mr. Hanson
  30450: W 5:00-6:00 pm - SAC 4.174 Mr. Hanson

Course description: People have been in Texas since about 12,000 years ago and the evidence of their presence throughout time is fascinating. Ever wondered how we know and can prove that? This course introduces students to Texas archaeology through lectures, interactive virtual labs and hands-on laboratory sections that emphasize experimentation. Texas geographic and environmental diversity provided prehistoric and historic peoples with unique resources and possibilities, and people used that diversity to make choices and develop specific cultural characteristics while interacting with other peoples from the surrounding regions. Doing archaeology requires teamwork, critical thinking and multidisciplinary approaches. In archaeology, it is often more important to ask relevant questions than provide ready answers. The lectures and labs in this course aim to emphasize these requirements as well as how archaeology relates to other sciences. This course may be used to fulfill the natural science and technology (Part II) component of the common core curriculum and addresses the following four core objectives established by the Texas Higher Education Coordinating Board: communication skills, critical thinking skills, teamwork, and empirical and quantitative skills.

Pre-requisites: none

Course readings: all required readings are available through links provided in the syllabus or posted on Canvas. This means that your syllabus is the most important document in this course. It is highly recommended that students purchase Stone Artifacts of Texas Indians, by Ellen Sue Turner and Thomas R. Hester.
Evaluation:
Course evaluation will be based on the total grade of 10 out of 12 lab exercises with 10 points for each lab exercise. Students can drop the 2 lowest lab grades.
Most labs include collection, organization and presentation of data. Lab assignments will be completed in lab, and lab reports will be submitted online using Canvas. When required, students will make short oral presentations of their findings, will work in small groups, and collaborate in all phases of the assignments, but each student will submit individual reports. Failure to attend lecture classes will certainly affect your ability to successfully complete the labs. Students are expected to answer questions on the weekly assigned readings during lectures. These questions will provide ‘make-up points’ for students who wish or need to raise their grades. **There will be no other way to make up points.**

Laboratory Sessions:
Lab Sections (30435; 30440; 30445; 30450) meet on different weekdays **in SAC 4.174.** Students must attend all labs in their section and cannot switch lab days without written permission of the Lab Teaching Assistant. The authorization to switch a specific lab must be signed by both Teaching Assistants. Any student who misses more than four (4) labs will automatically fail the class. Students can only drop the two (2) lowest lab grades if they have completed 12 labs. Students who fail to attend any lab during their assigned section need a medical or sports note to be allowed to attend another lab section or to take the lab at another time. Aside from those situations, there are no make-up labs.
Because the grade obtained from the lab exercises constitutes the class grade, there will be no exceptions to these rules.

**OFFICIAL RULES AND ANNOUNCEMENTS:**
Class instructions (please read carefully):
- Class participation is required. All assigned readings are required.
- Assignments will be due on the appointed dates. This is a fairness issue. LAB assignment delivered late for any reason will imply the loss of 2 points per day or fraction of the day, except for justified medical reasons.
- Scholastic dishonesty on any graded assignment will be dealt with according to University Rules.
- Please see: [http://deanofstudents.utexas.edu/sjs/scholdis_whatis.php](http://deanofstudents.utexas.edu/sjs/scholdis_whatis.php). This site contains also several useful links to students. On scholastic conduct see also:
  - [http://www.utexas.edu/student/registrar/catalogs/gi05-06/app/appc11.html](http://www.utexas.edu/student/registrar/catalogs/gi05-06/app/appc11.html)
- If you have to miss a lab for religious reasons you must inform your lab TA and fill out a change of lab form (see above).
- Mobile phones and other electronic equipment have to be switched off during class, and tape recorders are not permitted. If you need to use either, please request permission from your instructor. Students can use laptops in class **but only** for class related matters.
- The University of Texas provides appropriate academic accommodations for students with disabilities. For more information please contact the Office of the Dean of Students at (512) 471-6259 or (512) 471-4641. If you have a disability you must let me know no later than the second week of class.
- Please do not ask for grades or grade information by email. Information about grades will only be given in person, or through official means.

**Weekly schedule**

**Week 1**
August 26th
Introduction
**No labs this week**
Week 2
August 31 - September 2
Texas Archaeology and Texas Archaeological Regions
Lab 1: **Texas Map Lab**
Readings: “An Introduction to Texas Prehistoric Archaeology” by Timothy Perttula (pdf available on Canvas)
http://www.texasbeyondhistory.net/stlouis/lasalle.html
http://www.thestoryoftexas.com/la-belle/the-exhibit/how-la-belle-changed-history
http://www.thestoryoftexas.com/la-belle/the-exhibit/excavation-and-preservation
http://www.thestoryoftexas.com/la-belle/the-exhibit/artifacts
Lecturer: Dr. Wade

Week 3
September 7th - LABOR DAY HOLIDAY
BECAUSE OF THE HOLIDAY STUDENTS WHO HAVE A MONDAY LAB MUST JOIN ANY OF THE OTHER LAB SECTIONS. ALL MONDAY LAB STUDENTS MUST IDENTIFY THEMSELVES TO THE LAB TA.
September 9th
The First Americans - how did they get to the North American Continent? Routes, hypotheses, and evidence.
Lab 2: **Horn Shelter - stratigraphy - relative and absolute dating.**
Readings:
http://www.texasbeyondhistory.net/horn/investigations.html
http://www.texasbeyondhistory.net/horn/layers.html
Lecturer: Dr. Wade

Week 4
September 14-16
The Early Paleolithic Period
Lab 3: **Re-fitting; Diagnostic Paleoindian lithics, assemblages and debitage.**
Readings:
http://www.texasbeyondhistory.net/faq/#2
http://www.texasbeyondhistory.net/glossary/
http://www.texasbeyondhistory.net/waco/images/stone_page.html
Guest lecturer – TBA

Week 5
September 21-23
The Late Paleoindian Period/ Transitional Archaic
Environmental Change - Cultural Ecology
Lab 4: **Microbotanical evidence to reconstruct the environment**
Readings:
http://www.texasbeyondhistory.net/varga/images/macrobotanical.html
http://www.texasbeyondhistory.net/landis/setting.html
http://www.texasbeyondhistory.net/plateaus/prehistory/images/stemmed.html
Guest lecturer: Dr. Arlene Rosen

Week 6
September 28-30
The Early Archaic period
Lab 5: **Quantitative analysis of lithic assemblages. Identification of tools and tool use**
Readings:
Week 7
October 5-7
The Early Archaic period
Lab 6 - **Modeling tool use on the basis of microscopic analyses.**
Non-Graded lab
Readings:
http://www.texasbeyondhistory.net/gault/index.html
http://www.texasbeyondhistory.net/gault/clovis.html
http://www.gaultschool.org/Home.aspx
Guest lecturer: Dr. Marilyn Shoberg

Week 8
October 12-14
The Late Archaic period
Lab 7: **Plant use and identification**
Readings:
http://www.texasbeyondhistory.net/ethnobot/index.html
http://www.texasbeyondhistory.net/trans-p/nature/plants.html
http://www.texasbeyondhistory.net/st-plains/nature/plants.html
http://www.texasbeyondhistory.net/plateaus/nature/plant.html
http://www.texasbeyondhistory.net/st-plains/nature/images/mesquite.html
https://aswtproject.wordpress.com/
Lecturer: Charles Koenig, M.A.

Week 9
October 19-21
The East Texas Caddo
Burial customs: demography and social status
**Lab 8: Caddo burial data and relative status.**
Readings:
http://www.texasbeyondhistory.net/tejas/ancestors/early.html
http://www.texasbeyondhistory.net/tejas/ancestors/middle.html
http://www.texasbeyondhistory.net/tejas/ancestors/late.html
http://www.texasbeyondhistory.net/tejas/fundamentals/graves.html
http://www.texasbeyondhistory.net/pine/investigations.html#cemeteries
Guest lecturer: Dr. Samuel Wilson

Week 10
October 26-28
Late Prehistoric in Central Texas – the Toyah phenomenon
Lab 9: Late Prehistoric Texas Ceramic Typology
Readings:
http://www.texasbeyondhistory.net/plateaus/prehistory/images/toyah.html
http://www.texasbeyondhistory.net/hinojosa/index.html
http://www.texasbeyondhistory.net/choke/possumhollow.html
http://www.texasbeyondhistory.net/varga/insights.html
Guest Lecturer: Dr. John Arnn

Week 11
November 2-4
Conservation
Late Prehistoric in the Trans Pecos and La Junta regions
Lab 10: Conservation and Curation
Readings:
http://www.texasbeyondhistory.net/trans-p/prehistory/index.html
http://www.nps.gov/archeology/collections/Mgt_01.htm
Guest lecturer: Dr. Marybeth Tomka

Week 12
November 9-11
Bioarcheology and evidence for hard living, labor tasks and conflict.
NO LAB this week
Readings:
http://www.texasbeyondhistory.net/cairn/index.html
http://www.texasbeyondhistory.net/cairn/explore.html
http://www.texasbeyondhistory.net/cairn/cultures.html
http://www.texasbeyondhistory.net/belle/skeleton.html
http://www.arch.ox.ac.uk/IVNE.html
http://www.sfu.museum/forensics/eng/pg_media-media_pg/archaeologie-archaeology/
Guest lecturer: Dr. John Kappelmann

Week 13
November 16-18
Spanish Colonial Archaeology
Lab 11: Archival Research
http://www.texasbeyondhistory.net/st-plains/images/he15.html
http://www.texasbeyondhistory.net/gateway/
http://www.texasbeyondhistory.net/adaes/index.html
http://www.texasbeyondhistory.net/dolores/index.html
http://car.utsa.edu/CARMissions/MissionConcepcion/Concepcion.html
http://www.texasbeyondhistory.net/espirtu/index.html
http://www.texasbeyondhistory.net/espirtu/goliad.html
Lecturer: Dr. Wade

Week 14
November 23-25
Compliance Archaeology and the National Register
Lab 12: TARL Records Review
Readings:
http://www.utexas.edu/cola/orgs/tarl/registering-sites-at-tarl/registering-sites-at-tarl.php
NOTE: pdf article on Canvas.
Guest Lecturer: Jonathan Jarvis MA in Geography and Anthropology
TAKE HOME LAB DUE IN THE LABS STARTING NOVEMBER 30.
NOTE: Students whose labs are on Thursday November 26, will have to attend labs on M/T and W.

Thanksgiving Holiday November 26-27

Week 14
November 30 - December 2
African American Archaeology
Lab 13: Historic Ceramics Lab
Readings:
http://www.texasbeyondhistory.net/ransom/context.html
http://www.texasbeyondhistory.net/ransom/archeology.html
http://www.texasbeyondhistory.net/ransom/index.html
http://www.texasbeyondhistory.net/ransom/life.html
http://www.texasbeyondhistory.net/rubin/index.html
http://www.texasbeyondhistory.net/coast/images/ap3.html
Guest Lecturer: Dr. Maria Franklin

Last day of lecture class: Wednesday, December 2
Last day of Lab Sections - Friday, December 4

Course Expectations and Outcomes:
- You will not become a Texas Archeologist, but we hope you become one in the future.
- You will learn about Texas environmental and archaeological diversity and the ways native inhabitants made use of the state’s natural resources;
- You will learn about Texas connection to other archaeological areas and why present state boundaries are pointless in terms of archaeology;
- You will handle and learn about how prehistoric and historic Texas Inhabitants made a living and the materials they used in their daily lives;
- You will have a comprehensive understanding of the methodologies and techniques archaeologists use to date sites, discover clues about the ancient environment, classify and study lithic tools and ceramics and finally how to record archaeological sites and contribute to the conservation and curation of archaeological materials;
- By the end of this course, we hope you have develop admiration and respect for the past Texas inhabitants and are knowledgeable to contribute to the preservation of the archeological objects that are Texas legacy.
- You will become aware of TARL as a curatorial facility and TARL’s superb archaeological collections.