ARCH 2800 Archaeological Science | Syllabus | Spring 2021

ARCH 2800 - Archaeological Science

This is an **online** course. All coursework is delivered asynchronously in Canvas.

Instructor Contact

Name: Dr. Kara Fulton, *Clinical Assistant Professor*
Email: Kara.Fulton@unt.edu
Office Hours: In order to accommodate your busy schedules, my office hours are by appointment and virtual (phone or Zoom).

Teaching Assistant (T.A.): Ciara Mason, CiaraMason@my.unt.edu
Office Hours: Fridays, 11:00 am - noon; 1:00 pm - 3:00 pm

Communication Expectations

Important: Only send email from your official UNT email address or using Canvas messages. Messages from other platforms may not be answered.

1. For general questions about the course or assignments, post to the Class Q & A discussion forum in Canvas. This way we can all benefit from questions asked, and they can be answered in a venue that the whole class can see.
2. For questions about Labs, contact your T.A.
3. For questions about anything else, contact your professor.

Communication Resources
- Online Communication Tips
- Advice for Emailing Professors

Course Description

Catalog description: Human prehistory and methods of scientific investigation; emphasizes archaeological cultures from early hominid sites in East Africa to entry of peoples into the New World. Course stresses methods of interdisciplinary research, including geology, paleoenvironmental reconstruction, paleodiet and artifact-faunal analysis. Labs employ artifacts and bones for study.

Additional info: This course will begin with the basics of archaeology, then delve more into archaeological science as a subfield. I use **team-based learning (TBL)** which means that you will work in teams to complete assignments throughout the entire semester.

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Teaching Philosophy for ARCH 2800

This course utilizes the team-based learning (TBL) instructional strategy. TBL is a structured form of **collaborative learning** that emphasizes **student preparation** and **application of knowledge.** Have you ever been bored during a lecture and wish you didn't have to listen to things that you could read on your own from the textbook? TBL is not about learning through lecturing. Through TBL, **you, as the student, are placed into a role of greater autonomy and responsibility for your learning** while the instructor serves to guide and facilitate learning. You are in charge of learning on your own and within your team. My role as your instructor is to facilitate and maximize learning by giving more personalized feedback based on you and your team's reporting.

Teamwork Badge

Career Connect is a campus-wide initiative that helps students collect, connect, reflect, and showcase important marketable skills. Marketable skills are interpersonal, cognitive, and applied skills, including technical and soft skills, that employers value.

This semester, student participation in the **Final Project** will provide an opportunity for students to demonstrate the important marketable skill of **Teamwork**. To be awarded a badge, students must complete the requirements of the assignment and earn an average rating of proficient or higher on the rubric used to assess the marketable skill.

After earning badges, students can view and share their badges from their UNT Comprehensive Learner Record (CLR). The CLR is a student-owned record of college learning experiences and marketable skill development. The CLR helps showcase students' learning experiences and makes UNT graduates more competitive in the job market! To learn more about UNT badges or the CLR, contact UNTCareerConnect@unt.edu.

See the public link to the badge associated with this class: Collaborative Archaeology Project.

Course Structure

This course takes place 100% online. Your interaction with your professor, T.A., and fellow students will take place primarily in Canvas, Google Docs, and TEAMMATES (see Canvas for more details). There are 13 weeks of content (organized into modules) that you will move through, followed by a Final Project. Except for the last module, the content of each module is designed to be completed in one week, beginning on Monday and ending on Sunday, with due dates throughout the week. See the Team-Based Learning & Module Structure page on Canvas for full details of the module structure.

Online Learning Resources:
- UNT Online: Learn Anywhere
- How to Succeed as an Online Student

Course Prerequisites or Other Restrictions

None.

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Course Objectives

By the end of this course, you will be able to:

CO 1. Describe how archaeological contexts contribute toward our understanding of the human experience. (*Communication Skills*)

CO 2. Analyze archaeological datasets. (*Empirical and Quantitative Skills*)

CO 3. Interpret archaeological datasets to explain human behavior. (*Critical Thinking Skills*)

CO 4. Collaborate with peers toward a common goal. (*Teamwork Skills*)

Course Materials

All materials for this course are provided free of charge via Canvas. Assigned materials include, but are not limited to, book chapters, articles, websites, and videos.

Additionally, we will use 2 free software platforms: Google Docs and TEAMMATES. More details are provided on Canvas, under the Course Introduction module.

Technical Requirements & Skills

Minimum Technology Requirements

- Computer
- Reliable internet access
- Speakers
- Microphone
- Microsoft Office Suite
- Web browser
- Canvas Technical Requirements

Computer Skills & Digital Literacy

- Sending and receiving email
- Downloading and installing software
- Creating, sending, and receiving Microsoft Word and Google Doc documents
- Posting to discussion boards
- Opening PDF files
- Navigating Canvas

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors online. Here are some general guidelines:

- Treat your instructor and classmates with respect in email or any other communication.
- Always use your professors' proper title: Dr. or Prof., or if in doubt use Mr. or Ms.
- Unless specifically invited, don't refer to your instructor by first name.
- Use clear and concise language.
- Remember that all college level communication should have correct spelling and grammar (this includes discussion boards).
- Avoid slang terms such as "wassup?" and texting abbreviations such as "u" instead of "you."
- Use standard fonts such as Ariel, Calibri or Times new Roman and use a size 10- or 12-point font.
- Avoid using the caps lock feature AS IT CAN BE INTERPRETTED AS YELLING.
- Limit and possibly avoid the use of emoticons like :) or ☺.
- Be cautious when using humor or sarcasm as tone is sometimes lost in an email or discussion post and your message might be taken seriously or sound offensive.
- Be careful with personal information (both yours and other's).
- Do not send confidential information via e-mail.

See these Engagement Guidelines for more information.

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Course Assignments

Below is a brief overview of course assignments. See Canvas for specific details on due dates, requirements, and grading.

Assignment	Points Possible	Approx. percent of grade
1. **Course Introduction Quiz**	16	1.5%
2. **Course Survey** (2 @ 15 points each)	30	2.7%
3. **Introductory Materials**	76	6.9%
4. **Individual Quizzes 1-11** (best 10 out of 11 @ 16 points ea.)	160	14.7%
5. **Team Quizzes 1-11** (best 10 out of 11 @ 16 points ea.)	160	14.7%
6. **Labs 1-11** (best 10 out of 11 @ 25 points ea.)	250	22.9%
7. **Teamwork Feedback 1-11** (best 10 out of 11 @ 25 points ea.)	250	22.9%
8. **Final Project**	150	13.7%
Total Points Possible	**1092**	**100%**

1. **Course Introduction Quiz:** Covers the syllabus and the "Course Introduction" module which serves as a basic overview of the course. This quiz must be submitted before future modules will unlock.

2. **Course Survey:** A survey at the beginning and end of the course asking about your knowledge and attitudes. There are no wrong or right answers.

3. **Introductory Materials:** This is comprised of several assignments in the first 2 weeks that help introduce you to your team and the structure of this semester. Assignments include:
   - Meet Your Team!
   - Individual Quiz 0
   - Team Quiz 0
   - Team Contract
   - Teamwork Feedback 0

Modules 1-11 (Weeks 3-13) each have the following 4 assignments which represent the TBL process:

4. **Individual Quizzes:** Completed individually; covers the assigned materials from that week's module.

5. **Team Quizzes:** Completed as a team; covers the assigned materials from that week's module.

6. **Labs:** Completed as a team; asks you to apply the content from the assigned materials.

7. **Teamwork Feedback:** Completed individually; you will provide actionable feedback to your peers to improve team dynamics.

Note: You will have 11 of each of the above 4 types of assignments. I will drop your lowest score for each type of assignment. For example, your best 10 out of 11 Individual Quizzes will contribute to your final grade.

8. **Final Project:** Completed individually and collaboratively; culminating application of course content.

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Lack of Participation Policy: If a member of a team is not contributing sufficiently to the work of the team, the other members have the right to:

- Notify the team member by writing a formal email to that person documenting the specific problems, **copying the professor and all other team mates on that email message (using UNT email addresses).**

    o The email must document the exact efforts the team has made to communicate the problems to the affected team members and what has been done to attempt to solve the problems.

- Give the team member 7 days to improve and update the professor on the status.

- If the contribution has not improved sufficiently, the member may be removed from the team which will result in a score of zero on all team assignments moving forward.

Grading

The grading scale (A-F) along with the point totals/percentages we will use to calculate the final grades:

Total points possible for semester = 1092

Points			Percentage	Grade
1092	-	**983**	100-90%	A
982	-	**874**	89-80%	B
873	-	**764**	79-70%	C
763	-	**655**	69-60%	D
654	-	**0**	59-0%	F

Course Evaluation

Student Perceptions of Teaching (SPOT) is the student evaluation system for UNT and allows you the ability to confidentially provide constructive feedback to your instructors and departments to improve the quality of student experiences in the course. The survey will be made available during weeks 13, 14, and 15 of the semester. For additional information, please visit the SPOT website or email spot@unt.edu.

Course Policies

Assignment Policy

All assignment due dates and instructions are listed in Canvas.

The University is committed to providing a reliable online course system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor may extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324 and obtain a ticket number. The instructor and the UNT Student Help Desk will work with the student to resolve any issues at the earliest possible time.

Late Work

No late work is accepted.

Syllabus Change Policy

The syllabus and schedule are subject to change. Any changes will be announced on Canvas.

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Getting Help

Technical Assistance

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: http://www.unt.edu/helpdesk/index.htm
Email: helpdesk@unt.edu
Phone: 940-565-2324
In Person: Sage Hall, Room 130
Walk-In Availability: 8am-9pm
Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit Canvas Technical Help.

For help with **TEAMMATES**, contact their support team at teammates@comp.nus.edu.sg

For help with **Google Docs**, access their Help Center at https://support.google.com/docs

Student Support Services

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- Student Health and Wellness Center
- Counseling and Testing Services
- UNT Care Team
- UNT Psychiatric Services
- Individual Counseling

Academic Support Services

- Academic Resource Center
- Academic Success Center
- UNT Libraries
- Writing Lab
- MathLab

Other student support services offered by UNT include:

- Registrar
- Financial Aid
- Student Legal Services
- Career Center
- Multicultural Center
- Counseling and Testing Services
- Pride Alliance
- UNT Food Pantry

Dr. Kara A. Fulton | University of North Texas

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Appendix 1: UNT Policies

Academic Integrity Policy

Academic Integrity Standards and Consequences. According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University.

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website (https://disability.unt.edu/).

Emergency Notification & Procedures

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

Retention of Student Records

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. Visit UNT's Code of Student Conduct (https://deanofstudents.unt.edu/conduct) to learn more.

Access to Information - Eagle Connect

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail Eagle Connect (https://it.unt.edu/eagleconnect).

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 of the

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long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website (http://spot.unt.edu/) or email spot@unt.edu.

Sexual Assault Prevention

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565- 2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.

Important Notice for F-1 Students taking Distance Education Courses

Federal Regulation

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the Electronic Code of Federal Regulations website (http://www.ecfr.gov/). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

(1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.

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(2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See UNT Policy 07-002 Student Identity Verification, Privacy, and Notification and Distance Education Courses (https://policy.unt.edu/policy/07-002).

Use of Student Work

A student owns the copyright for all work (e.g. software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

If the use of the work does not meet all of the above criteria, then the University office or department using the work must obtain the student's written permission.

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Appendix 2: Course Schedule

The course schedule is subject to change. Any changes will be posted on Canvas.

DATE	MODULE WITH TOPIC	ASSIGNMENTS			
		DUE TUE.	DUE THU.	DUE SUN.	
WEEK 1 Jan. 11-17	**Course Introduction module** **Collaborative Learning module**		Course Intro. Quiz	Course Survey 1	Meet Your Team!
WEEK 2 Jan. 18-24	**Mod. 0:** What is archaeology? What is archaeological science?	Individual Quiz 0	Team Quiz 0	Team Contract	Teamwork Feedback 0
WEEK 3 Jan. 25-31	**Mod. 1:** Why do we do archaeology? Who has the right to do it?	Individual Quiz 1	Team Quiz 1	Lab 1	Teamwork Feedback 1
WEEK 4 Feb. 1-7	**Mod. 2:** How do archaeologists study the past?	Individual Quiz 2	Team Quiz 2	Lab 2	Teamwork Feedback 2
WEEK 5 Feb. 8-14	**Mod. 3:** How do archaeologists find sites?	Individual Quiz 3	Team Quiz 3	Lab 3	Teamwork Feedback 3
WEEK 6 Feb. 15-21	**Mod. 4:** How do archaeologists excavate sites?	Individual Quiz 4	Team Quiz 4	Lab 4	Teamwork Feedback 4
WEEK 7 Feb. 22-28	**Mod. 5:** How do archaeologists know how old something is? (Part I)	Individual Quiz 5	Team Quiz 5	Lab 5	Teamwork Feedback 5
WEEK 8 Mar. 1-7	**Mod. 6:** How do archaeologists know how old something is? (Part II)	Individual Quiz 6	Team Quiz 6	Lab 6	Teamwork Feedback 6
WEEK 9 Mar. 8-14	**Mod. 7:** What can pottery tell us about how past people lived?	Individual Quiz 7	Team Quiz 7	Lab 7	Teamwork Feedback 7
WEEK 10 Mar. 15-21	**Mod. 8:** What can chipped stone tell us?	Individual Quiz 8	Team Quiz 8	Lab 8	Teamwork Feedback 8
WEEK 11 Mar. 22-28	**Mod. 9:** What can animal remains tell us?	Individual Quiz 9	Team Quiz 9	Lab 9	Teamwork Feedback 9
WEEK 12 Ma. 29-Ap.4	**Mod. 10:** What can plant remains tell us?	Individual Quiz 10	Team Quiz 10	Lab 10	Teamwork Feedback 10
WEEK 13 Apr. 5-11	**Mod. 11:** What can human bones tell us?	Individual Quiz 11	Team Quiz 11	Lab 11	Teamwork Feedback 11
WEEK 14 Apr. 12-18	**Mod. 12:** How can we interpret multiple lines of evidence together?		Final Proj., Part A		
WEEK 15 Apr. 19-25	**Mod. 12**, *continued*		Final Proj., Part B	Course Survey 2	Final Team. Feedback
WEEK 16 **Finals Week**	Congratulations – you made it!				