

ANTH 316-501 – NAUTICAL ARCHAEOLOGY

Spring 2021 / Days: TR/ Hours: 9:45-11:00 a.m. Room: ARCC 105

Remote Option:

<https://tamu.zoom.us/j/94637664125?pwd=M0wwTG8yeldPNk5QMjFxcmxOZVFvUT09>

Meeting ID: 946 3766 4125

Meeting Password: ANTH316

Instructor: Prof. Cemal Pulak, Nautical Archaeology Program, Department of Anthropology

Office Hours: TR 3:00-5:00 p.m., Anthropology Building 128A

Contact: Phone: 845-6697 (Office) /845-5242 (Dept.), E-mail: pulak@tamu.edu

Teaching Assistant: Olivia Thomas

Office Hours: TR 11:30 a.m.-1:00 p.m., Anthropology Building 107B

or via Zoom Wednesday 8:00 a.m.-12:00 p.m.

Contact: Email: othomas@tamu.edu, Zoom ID: 921 2355 6089, Zoom Password: 680346

Course Description: This is a lecture-format survey course that explores the art and archaeology of ancient seafaring from the Stone Age until early modern historical times, as well as an introduction to the fundamental concepts and key developments in nautical science relevant to the study of the history of seafaring. The course offers students an opportunity to explore some of the most exciting aspects of ancient maritime cultures and examines engaging topics, including the earliest evidence for boats and seafaring, seafaring cultures in the Mediterranean and northern Europe, and the developments in ship design and important archaeological shipwreck discoveries. The course draws upon evidence from iconography, ancient technology, and archaeological sites on under water. As there is no textbook for the course, attendance and completion of recommended readings is essential.

Course Objectives:

- To become familiar with the maritime history of the ancient world
- To examine ancient seafaring through nautical archaeology
- To evaluate the significance of seafaring in the trade of ancient civilizations
- To develop a critical approach to the study nautical archaeology

Course Structure: The format of this course is based on weekly lectures, illustrated with digital images. There will be two examinations and one final examination (not cumulative). The format of the examinations will include multiple choice and short answer questions. Be aware that, as the semester progresses, material will build upon and draw from terminology and content presented in earlier lectures and in the readings.

Prerequisites: None

Class Meetings: TR 9:45-11:00 a.m., Room: ARCC 105

Suggested Readings: There are no required readings, but the students are encouraged to consult appropriate sections in the following books:

- Bass, George F. 2005. *Beneath the Seven Seas. Adventures with the Institute of Nautical Archaeology*. London: Thames & Hudson.
- _____. 1972. *A History of Seafaring Based on Underwater Archaeology*. New York: Walker.
- Casson, Lionel. 1991 [1959]. *The Ancient Mariners*. Princeton: Princeton University Press.
- _____. 1971. *Ships and Seamanship in the Ancient World*. Princeton: Princeton University Press.
- Crumlin-Pedersen, Ole. 2010. *Archaeology and the Sea in Scandinavia and Britain*. Roskilde: The Viking Ships Museum.
- Delgado, James. 1997. *Encyclopedia of Underwater and Maritime Archaeology*. New Haven and London: Yale University Press.
- Throckmorton, Peter. 1987. *The Sea Remembers: Shipwrecks and Archaeology from Homer's Greece to the Rediscovery of the Titanic*. New York: Weidenfeld and Nicolson.
- Wachsmann, Shelley. 1998. *Seagoing Ships and Seamanship in the Bronze Age Levant*. College Station: Texas A&M University Press.

Examinations: There will be two hourly examinations and one non-cumulative final examination. The format of the examinations consists of multiple-choice questions and sometimes short answers. Be aware that, as the semester progresses, lectures will draw from terminology and content presented in earlier lectures. Practice examination questions may be posted on e-Campus at: <http://ecampus.tamu.edu>.

Basis for Evaluation (Grading Policies): The final course grade will be based on the criteria described below:

The final grade will be calculated according to the following formula and based on a 100-point scale

A=90-100 points
 B=80-89 points
 C=70-79 points
 D=60-69 points
 F=59 points and below

Examination 1	100 points	33% of final grade
Examination 2	100 points	33% of final grade
Final Examination	100 points	34% of final grade

TENTATIVE COURSE SCHEDULE – SPRING 2021

I. Nautical Archaeology: Discipline, Techniques, and Technology

WEEK 1

- Jan 19 Course Introduction
 Jan 21 Basics: Survey, Mapping, Excavation, and Mapping Techniques

WEEK 2

- Jan 26 Conservation, Reconstruction, Analysis, Nautical Vocabulary

II. Ships and Seafaring in the Bronze Age Mediterranean

WEEK 2

- Jan 28 The Earliest Seafarers

WEEK 3

- Feb 2 Egyptians on the Nile: Pre-Dynastic Egyptian Boats, Khufu's Barges, Dashur Boats, and Lisht Boats
 Feb 4 Egyptians at Sea: Hatshepsut, Mersa Gawasis

WEEK 4

- Feb 9 Bronze Age Mediterranean Ships and Seafaring, Minoans: The Thera Frescoes
 Feb 11 Late Bronze Age: Cape Gelidonya Shipwreck

WEEK 5

- Feb 16 Late Bronze Age: Uluburun Shipwreck
 Feb 18 **Examination 1 (Feb 18th)**

III. Ships and Seafaring during the Archaic and Classical Periods

WEEK 6

- Feb 23 Phoenicians and Greeks in the Western Mediterranean: Bon Porté, Giglio, and Porticello Shipwrecks
 Feb 25 Classical Greek Ships: Ma'agan Michael and Kyrenia Shipwrecks

WEEK 7

- Mar 2 **Texas Independence Day – No Class**
 Mar 4 Greek Warships: Triremes and Polyremes; Ancient Anchors

IV. Roman Ships and Seafaring

WEEK 8

- Mar 9 Roman Harbors and Merchantmen: Madrague de Giens Shipwreck
 Mar 11 Roman Marble Trade: Kizilburun Shipwreck

V. Early Medieval Ships and Seafaring in the Mediterranean

WEEK 9

Mar 16 Byzantine Ships: Yassiada 7th-century Shipwreck
 Mar 18 **Redefined Day – Friday Classes**

WEEK 10

Mar 23 Middle and Late Byzantine Ships
 Mar 25 **Examination 2 (March 25th)**

VI. Late Medieval Ships and Seafaring in the Mediterranean

WEEK 11

Mar 30 Serce Limani Shipwreck and Yenikapı Shipwrecks
 Apr 1 Ship Burials of Northern Europe & Scandinavia: Hjortspring, Nydam,
 Kavlsund Ships

WEEK 12

Apr 6 Viking Ships: Oseberg, and Gokstadt Ships
 Apr 8 Viking Ships: Skuldelev Shipwrecks

VII. Scandinavian and Early Medieval Northern European Ships

WEEK 13

Apr 13 Cogs and Hulks
 Apr 15 Late Medieval Ships

VIII. Late Medieval Ships and Seafaring in Northern Europe

WEEK 14

Apr 20 Late Medieval Warships
 Apr 22 Carracks, *Mary Rose*

WEEK 15

Apr 27 Swedish Warship *Vasa*
 Apr 29 The Roaring Forties: *Batavia*

May 5 **Final Examination (8:00-10:30 a.m.)**

Attendance Policy: The University views class attendance and participation as an individual student responsibility. Students are expected to attend class and to complete all assignments. Please refer to [Student Rule 7](#) in its entirety for information about excused absences, including definitions, and related documentation and timelines.

Makeup Work Policy: Make-up exams will be offered only for legitimate excused absences as listed in the University's Student Rules (<http://student-rules.tamu.edu/rule07>). Unless otherwise stated in [Student Rule 7](#), to be considered for an excused absence the student must notify the instructor in writing (e-mail is acceptable) prior to the day of absence. If advanced notification is not possible, the student must provide notification by the end of the second business day after the last date of the absence. This notification must include an explanation of why notice could not be sent.

Students will be excused from attending class on the day of a graded activity or when attendance contributes to a student's grade, for the reasons stated in Student Rule 7, or other reason deemed appropriate by the instructor. Please refer to Student Rule 7 in its entirety for information about makeup work, including definitions, and related documentation and timelines. Absences related to Title IX of the Education Amendments of 1972 may necessitate a period of more than 30 days for make-up work, and the timeframe for make-up work should be agreed upon by the student and instructor" ([Student Rule 7, Section 7.4.1](#)). The instructor is under no obligation to provide an opportunity for the student to make up work missed because of an unexcused absence ([Student Rule 7, Section 7.4.2](#)). Students who request an excused absence are expected to uphold the Aggie Honor Code and Student Conduct Code ([Student Rule 24](#)).

Academic Integrity Policy:

An Aggie does not lie, cheat or steal, or tolerate those who do.

Texas A&M University students are responsible for authenticating all work submitted to an instructor. If asked, students must be able to produce proof that the item submitted is indeed the work of that student. Students must keep appropriate records at all times. The inability to authenticate one's work, should the instructor request it, may be sufficient grounds to initiate an academic misconduct case ([Section 20.1.2.3, Student Rule 20](#)). You can learn more about the Aggie Honor System Office Rules and Procedures, academic integrity, and your rights and responsibilities at aggiehonor.tamu.edu.

Americans with Disabilities Act (ADA) Policy: Texas A&M University is committed to providing equitable access to learning opportunities for all students. If you experience barriers to your education due to a disability or think you may have a disability, please contact Disability Resources in the Student Services Building or at (979) 845-1637 or visit <http://disability.tamu.edu>. Disabilities may include, but are not limited to attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability related needs with Disability Resources and their instructors as soon as possible.

Title IX and Statement on Limits to Confidentiality: Texas A&M University is committed to fostering a learning environment that is safe and productive for all. University policies and federal and state laws prohibit gender-based discrimination and sexual harassment, including sexual assault, sexual exploitation, domestic violence, dating violence, and stalking.

With the exception of some medical and mental health providers, all university employees (including full and part-time faculty, staff, paid graduate assistants, student workers, etc.) are Mandatory Reporters and must report to the Title IX Office if the employee experiences, observes, or becomes aware of an incident that meets the following conditions (see [University Rule 08.01.01.M1](#)):

- The incident is reasonably believed to be discrimination or harassment.
- The incident is alleged to have been committed by or against a person who, at the time of the incident, was (1) a student enrolled at the University or (2) an employee of the University.

Mandatory Reporters must file a report regardless of how the information comes to their attention – including but not limited to face-to-face conversations, a written class assignment or paper, class discussion, email, text, or social media post. Although Mandatory Reporters must file a report, in most instances, you will be able to control how the report is handled, including whether or not to pursue a formal investigation. The University's goal is to make sure you are aware of the range of options available to you and to ensure access to the resources you need.

Students wishing to discuss concerns in a confidential setting are encouraged to make an appointment with [Counseling and Psychological Services \(CAPS\)](#). Students can learn more about filing a report, accessing supportive resources, and navigating the Title IX investigation and resolution process on the [University's Title IX webpage](#).

Statement on Mental Health and Wellness: Texas A&M University recognizes that mental health and wellness are critical factors that influence a student's academic success and overall wellbeing. Students are encouraged to engage in proper self-care by utilizing the resources and services available from Counseling & Psychological Services (CAPS). Students who need someone to talk to can call the TAMU Helpline (979-845-2700) from 4:00 p.m. to 8:00 a.m. weekdays and 24 hours on weekends. 24-hour emergency help is also available through the National Suicide Prevention Hotline (800-273-8255) or at [suicidepreventionlifeline.org](#).

COVID-19 Temporary Amendment to Minimum Syllabus Requirements: The Faculty Senate temporarily added the following statements to the minimum syllabus requirements as part of the university's COVID-19 response.

Campus Safety Measures: To promote public safety and protect students, faculty, and staff during the coronavirus pandemic, Texas A&M University has adopted policies and practices to limit virus transmission. Students must observe the following practices while participating in face-to-face courses and course-related activities (office hours, help sessions, transitioning to and between classes, study spaces, academic services, etc.):

- Self-monitoring—Students should follow CDC recommendations for self-monitoring. Students who have a fever or exhibit symptoms of COVID-19 should participate in class remotely and should not participate in face-to-face instruction.
- Face Coverings—[Face coverings](#) (cloth face covering, surgical mask, etc.) must be properly worn in all non-private spaces including classrooms, teaching laboratories, common spaces such as lobbies and hallways, public study spaces, libraries, academic resource and support offices, and outdoor spaces where 6 feet of physical distancing is difficult to reliably maintain. Description of face coverings and additional guidance are provided in the [Face Covering policy](#) and [Frequently Asked Questions \(FAQ\)](#) available on the [Provost website](#).
- Physical Distancing—Physical distancing must be maintained between students, instructors, and others in course and course-related activities.
- Classroom Ingress/Egress—Students must follow marked pathways for entering and exiting classrooms and other teaching spaces. Leave classrooms promptly after course activities have concluded. Do not congregate in hallways and maintain 6-foot physical distancing when waiting to enter classrooms and other instructional spaces.
- To attend a face-to-face class, students must wear a face covering (or a face shield if they have an exemption letter). If a student refuses to wear a face covering, the instructor should ask the student to leave and join the class remotely. If the student does not leave the class, the faculty member should report that student to the [Student Conduct office](#) for sanctions. Additionally, the faculty member may choose to teach that day's class remotely for all students.

Personal Illness and Quarantine: Students required to quarantine must participate in courses and course-related activities remotely and must not attend face-to-face course activities. Students should notify their instructors of the quarantine requirement. Students under quarantine are expected to participate in courses and complete graded work unless they have symptoms that are too severe to participate in course activities.

Students experiencing personal injury or illness that is too severe for the student to attend class qualify for an excused absence ([See Student Rule 7, Section 7.2.2.](#)) To receive an excused absence, students must comply with the documentation and notification guidelines outlined in Student Rule 7.

Respect for cultural and human biological diversity are core concepts of Anthropology: Please respect the different experiences, beliefs and values expressed by your fellow students and instructor, and refrain from making derogatory comments about other individuals, cultures, groups, or viewpoints. The Anthropology Department supports the Texas A&M University commitment to Diversity (<http://diversity.tamu.edu/>), and welcomes individuals of all ages, backgrounds, citizenships, disabilities, education, ethnicities, family statuses, genders, gender identities, geographical locations, languages, military experience, political views, races, religions, sexual orientations, socioeconomic statuses, and work experiences.

TAMU Plagiarism Policy: The handouts used in this course are copyrighted. By "handouts," I mean all materials generated for this class, which include but are not limited to syllabi, quizzes, examinations, lab problems, in class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy the

handouts, unless I expressly grant permission.

As commonly defined, plagiarism consists of passing off as one's own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. Plagiarism is one of the worst academic sins, for the plagiarist destroys the trust among colleagues without which research cannot be safely communicated. If you have any questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under the section "Scholastic Dishonesty." The Student Rules are available on-line: <http://student-rules.tamu.edu>.