

ANTHROPOLOGY 316: INTRODUCTION to NAUTICAL ARCHAEOLOGY

Fall 2015 / Tuesday & Thursday 12:45-2:00pm / SCTS 208

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Instructor: Prof. Deborah Carlson, Nautical Archaeology Program, Department of Anthropology

Office Hours: Wednesdays 11am-2pm or by appointment in Anthropology 117 (inside the INA suite)

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Course Content: This survey course explores the evidence for underwater shipwrecks and sunken harbors, cargoes and crews, the design, construction and depiction of boats and ships, and the development of seafaring from the Stone Age until early modern historical times. The course draws upon a wide array of evidence from archaeological sites (mostly in the Mediterranean and northern Europe), as well as naval and archaeological terminology in many different European languages. Regular attendance and undivided attention are essential ingredients for success in this course.

Course Objectives: At the end of the semester students will be expected to • demonstrate familiarity with the fundamental concepts, techniques, and challenges of the discipline of nautical archaeology • evaluate the types of evidence that inform the history of seafaring • identify the cultural phases and geographical setting of ancient and early modern seafaring • properly utilize relevant naval and archaeological terminology in English and various foreign languages

Course Structure: The format of this course is based upon weekly lectures, illustrated with digital images and the occasional supplementary video. There will be two hourly exams and one non-cumulative Final Exam. Exams will be administered in class at the specified time. The format of the exams will be multiple choice, and students should bring a Scantron answer sheet (Form 882E) with them on the day of the exam. Some questions will pertain to images shown in class; a selection of testable images will be posted to eCampus, along with lecture keywords and sample questions following each class. Be aware that, as the semester progresses, material will build upon and draw from terminology and content presented in earlier lectures. There is no textbook for this course, but students are expected to complete pertinent readings posted to eCampus from time to time. Students are also encouraged to consult the following books, which are on reserve at Evans Library:

Bass, G.F. 2005. *Beneath the Seven Seas. Adventures with the Institute of Nautical Archaeology.* Thames & Hudson.

_____. 1972. *A History of Seafaring Based on Underwater Archaeology.* Walker.

Casson, L. 1991 [1959]. *The Ancient Mariners: Seafarers and Sea Fighters of the Mediterranean in Ancient Times.* Princeton University Press.

_____. 1971. *Ships and Seamanship in the Ancient World.* Princeton University Press.

Crumlin-Pedersen, O. 2010. *Archaeology and the Sea in Scandinavia and Britain.* The Viking Ships Museum.

Delgado, J. 1997. *Encyclopedia of Underwater and Maritime Archaeology*. Yale University Press.

Muckelroy, K. 1980. *Archeology Under Water. An Atlas of the World's Submerged Sites*. Mc Graw-Hill.

Throckmorton, P. 1987. *The Sea Remembers, Shipwrecks and Archaeology from Homer's Greece to the Rediscovery of the Titanic*. Weidenfeld and Nicolson.

Wachsmann, S. 1998. *Seagoing Ships and Seamanship in the Bronze Age Levant*. Texas A&M University Press.

Grades: Final grades will be calculated according to the following formula and based on a 10-point scale (**A**=90-100; **B**=80-89; **C**=70-79; **D**=60-69; **F**=59 and below):

Exam 1 (October 1) **33%** + **Exam 2** (November 5) **33%** + **Final Exam** (December 16) **34%** = **100%**

Make-up exams will be offered *only* for legitimate excuses as listed in the University's Student Rules (<http://student-rules.tamu.edu/rule07>). If an absence is excused, the student will be given an opportunity to make up the exam at a time and date scheduled in advance. A student who has a legitimate university-excused absence is not relieved of the responsibility of notification and documentation; failure to notify and/or document an excused absence may result in an unexcused absence. Falsification of documentation is a violation of the Aggie Honor Code. There will be no opportunities to earn extra credit. A student caught cheating on an exam will receive a failing grade.

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118 (845-1637). For additional information visit <http://disability.tamu.edu>.

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.

An Aggie does not lie, cheat, or steal, or tolerate those who do. Students are expected to be aware of the Aggie Honor Code and the Honor Council Rules and Procedures, stated at <http://www.tamu.edu/aggiehonor>.

Course Schedule:

(1)	T	Sep 1	Introduction
(2)	Th	Sep 3	Survey, excavation, mapping, conservation, restoration, analysis
(3)	T	Sep 8	Egyptian Ships
(4)	Th	Sep 10	Khufu, Dashur and Lisht Boats
(5)	T	Sep 15	Bronze Age Mediterranean Seafaring
(6)	Th	Sep 17	Cycladic Ships, the Thera Frescoes
(7)	T	Sep 22	Late Bronze Age Shipwrecks
(8)	Th	Sep 24	Cape Gelidonya, Uluburun
(9)	T	Sep 29	<i>Voyage from Antiquity</i>
	Th	Oct 1	Exam #1
(10)	T	Oct 6	Archaic and Classical Mediterranean Shipwrecks
(11)	Th	Oct 8	Bon Porté, Giglio, Ma'agan Mikhael, Kyrenia
(12)	T	Oct 13	Greek and Roman Warships
(13)	Th	Oct 15	Athlit, Actium, Egadi Islands
(14)	T	Oct 20	Roman Seafaring and Shipwrecks
(15)	Th	Oct 22	Madrague de Giens, Lake Nemi, Blackfriars
(16)	T	Oct 27	Greek and Roman Harbors at Piraeus, Delos, Ostia
(17)	Th	Oct 29	Byzantine Mediterranean Shipwrecks
(18)	T	Nov 3	Yassıada, Bozburun, Yenikapı
	Th	Nov 5	Exam #2
(19)	T	Nov 10	Medieval Mediterranean Shipwrecks
(20)	Th	Nov 12	Serçe Limanı, Contarina, Cala Culip
(21)	T	Nov 17	Viking Ships from Gokstad, Oseberg, and Skuldelev
(22)	Th	Nov 19	The Bremen and Almere Cogs
(23)	T	Nov 24	The Carrack; <i>Mary Rose</i>
	Th	Nov 26	Thanksgiving
(24)	T	Dec 1	Dutch East Indiamen
(25)	Th	Dec 3	Swedish Warships <i>Vasa</i> and <i>Kronan</i>
(26)	T	Dec 8	Shipwrecks of the Americas
	W	Dec 16	Final Exam (8:00-10:00am)