FACULTY OF ARTS
DEPARTMENT OF CLASSICS AND RELIGION
COURSE OUTLINE
Fall 2021
NOTE: THIS COURSE WILL BE TAUGHT AND ASSESSED ON CAMPUS; SOCIAL DISTANCING AND/OR MASKING IN CLASS IS MANDATORY

COURSE NUMBER: GRST 321

COURSE NAME: Ancient Technology

PREREQUISITES: None

CLASSROOM LOCATION: MFH 160

CLASS DAYS & TIMES: Monday, Wednesday, Friday 14.00-14.50

INSTRUCTOR NAME AND CONTACT INCLUDING UCALGARY EMAIL & PHONE:
- Lesley Bolton
- labolton@ucalgary.ca
- 403 220 2562

OFFICE HOURS:
- e-mail enquiries, or Zoom session by appointment (e-mail to arrange)

INSTRUCTOR EMAIL POLICY:
Please note that all course communications must occur through your @ucalgary email, and I will respond to emails sent via student's @ucalgary emails within 48 hours on weekdays (longer at weekends).

NAME & EMAIL CONTACT OF TEACHING ASSISTANT(S):
- Erica Lodermeier
- erica.lodermeier@ucalgary.ca

COURSE CALENDAR STATEMENT:
A survey of major technologies in antiquity (metallurgy, agriculture, hydraulics, pottery, textiles, transportation, writing, construction) with special emphasis on the technological achievements of the Bronze Age and the cultures of Greece and Rome.

COURSE DESCRIPTION:
This course will provide an introduction to the major technologies of the ancient Mediterranean world. We will study topics such as aqueducts and pyramids, metalworking and pottery, as well as innovative military technology and automata. I encourage those who have skills in programming, animation, drawing, or model-making to consider a practical project to replace the essay; presentations and posters are also good alternatives for those who prefer them.

COURSE LEARNING OUTCOMES
This course will make students think critically about the technologies of different cultures of the past, and reflect on them in relation to the modern world.

Upon successful completion of this course, students will be able to:
- Understand the broad development of technology from its earliest beginnings to the end of the Roman Empire
- Identify and analyze key technologies from the Mediterranean Bronze and Iron Ages
- Interpret primary sources (archaeological and artistic, and textual in translation) to recreate ancient technologies
- Critically analyze and utilize secondary sources to recreate and communicate a specific ancient technology
- Reflect on technological implications and connections between ancient cultures
- Reflect on the 'successes' and 'failures' of ancient technology as compared to our own society

LEARNING RESOURCES
Recommended Textbook:
- John W. Humphrey, *Ancient Technology* (Greenwood Press, 2006).
  Print copy is available from the University Bookstore through their online site, free shipping over $75

Any additional readings will be posted on D2L.

LEARNING TECHNOLOGIES AND REQUIREMENTS
There is D2L site for this course which contains relevant class resources and materials (see http://d2l.ucalgary.ca).

CLASS SCHEDULE
- A complete syllabus will be made available the first week of class
- The last day to drop this course with a refund of fees is Thursday September 16th
- Last day to add courses is Friday September 17th
- The last day to withdraw from this course with no refund of fees is Thursday December 9th

EXAMINATIONS
The registrar will schedule a time for the exam.

ASSESSMENT COMPONENTS

Date	Assessment	Available	Weight	Required Pass
Oct. 20	Midterm (50 minutes)	In Class	30%	No
Nov. 29	Term Paper or Project due	n/a	35%	No
tba	Registrar Scheduled Exam (2 hours)	On Campus	35%	No

MISSED OR LATE ASSIGNMENTS
- Assignment deferrals will only be granted in special cases; please contact me as soon as possible to make arrangements:
  - Accommodations for foreseeable events should be requested well in advance
  - In the case of an unexpected event (e.g., illness) you should contact me as soon as possible
- Requests made more than 2 days after a missed assignment will not be accepted
- No "bonus" assignments will be possible
- Requests for a deferred exam must be made to the Registrar's Office

GRADING
A numerical mark will be given for each course requirement. The final letter grade will be assigned on the following number and letter grade scheme:

A+	100 - 96	A	95 - 90	A-	89 - 85
B+	84 - 80	B	79 - 75	B-	74 - 70
C+	69 - 65	C	64 - 60	C-	59 - 55
D+	54 - 53	D	52 - 50	F	Under 50

Any numerical grade ending in 0.4% and below will be rounded down and any grade ending in 0.5% and above will be rounded up. Please do not send email inquiries asking for your final grade to be "bumped up" or for bonus assignments.

EXPECTATIONS FOR WRITING
All written assignments will be assessed on writing skills (grammar, punctuation, sentence structure) and general clarity and organization. Sources used in research papers must be properly documented. If you need help with your writing, you may use the writing support services in the Learning Commons. For further information, please refer to the official online University of Calgary Calendar, Academic Regulations, E. Course Information, E.2: Writing Across the Curriculum:
http://www.ucalgary.ca/pubs/calendar/current/e-2.html

ATTENDANCE AND PARTICIPATION EXPECTATIONS
Attendance in class is strongly recommended.

GUIDELINES FOR SUBMITTING ASSIGNMENTS
Please submit assignments in class, or electronically to Dropbox on D2L.

CONDUCT IN CLASS
Respectful of the instructor and of fellow students.

USE OF INTERNET AND ELECTRONIC COMMUNICATION DEVICES IN CLASS
Respectful use.

GUIDELINES FOR ZOOM SESSIONS
Not applicable

COURSE EVALUATIONS AND STUDENT FEEDBACK
Student feedback will be sought at the end of the course through the standard University Student Ratings of Instruction (USRI).

ACADEMIC MISCONDUCT
Academic Misconduct refers to student behavior which compromises proper assessment of a student's academic activities and includes: cheating; fabrication; falsification; plagiarism; unauthorized assistance; failure to comply with an instructor's expectations regarding conduct required of students completing academic assessments in their courses; and failure to comply with exam regulations applied by the Registrar.
For information on the Student Academic Misconduct Policy and Procedure please visit: Academic Misconduct Policy and Academic Misconduct Procedure.
Additional information is available on the Academic Integrity Website at Academic Integrity.

ACADEMIC ACCOMODATION
It is the student's responsibility to request academic accommodations according to the University policies and procedures listed below. The Student Accommodations policy is available at https://ucalgary.ca/student-services/access/prospective-students/academic-accommodations.
Students needing an accommodation based on disability or medical concerns should contact Student Accessibility Services (SAS) in accordance with the Procedure for Accommodations for Students with Disabilities (https://www.ucalgary.ca/policies/files/policies/procedure-for-accommodations-for-students-with-disabilities.pdf). Students who require an accommodation in relation to their coursework based on a protected ground other than Disability should communicate this need in writing to their Instructor.
SAS will process the request and issue letters of accommodation to instructors. For additional information on support services and accommodations for students with disabilities, visit www.ucalgary.ca/access/ .

INSTRUCTOR INTELLECTUAL PROPERTY
Course materials created by instructors (including presentations and posted notes, labs, case studies, assignments and exams) remain the intellectual property of the instructor. These materials may NOT be reproduced, redistributed or copied without the explicit consent of the instructor. The posting of course materials to third party websites such as note-sharing sites without permission is prohibited. Sharing of extracts of these course materials with other students enrolled in the course at the same time may be allowed under fair dealing.

FREEDOM OF INFORMATION AND PROTECTION OF PRIVACY
Student information will be collected in accordance with typical (or usual) classroom practice. Students' assignments will be accessible only by the authorized course faculty. Private information related to the individual student is treated with the utmost regard by the faculty at the University of Calgary.

COPYRIGHT LEGISLATION
All students are required to read the University of Calgary policy on Acceptable Use of Material Protected by Copyright (https://www.ucalgary.ca/policies/files/policies/acceptable-use-of-material-protected-by-copyright-policy.pdf) and requirements of the copyright act (https://laws-lois.justice.gc.ca/eng/acts/C-42/index.html) to ensure they are aware of the consequences of unauthorised sharing of course materials (including instructor notes, electronic versions of textbooks

etc.). Students who use material protected by copyright in violation of this policy may be disciplined under the Non-Academic Misconduct Policy https://www.ucalgary.ca/pubs/calendar/current/k.html

SEXUAL VIOLENCE POLICY
The University recognizes that all members of the University Community should be able to learn, work, teach and live in an environment where they are free from harassment, discrimination, and violence. The University of Calgary's sexual violence policy guides us in how we respond to incidents of sexual violence, including supports available to those who have experienced or witnessed sexual violence, or those who are alleged to have committed sexual violence. It provides clear response procedures and timelines, defines complex concepts, and addresses incidents that occur off-campus in certain circumstances. Please see the policy available at https://www.ucalgary.ca/policies/files/policies/sexual-violence-policy.pdf

OTHER IMPORTANT INFORMATION
Please visit the Registrar's website at: https://www.ucalgary.ca/registrar/registration/course-outlines for additional important information on the following:
- Wellness and Mental Health Resources
- Student Success
- Student Ombuds Office
- Student Union (SU) Information
- Graduate Students' Association (GSA) Information
- Emergency Evacuation/Assembly Points
- Safewalk