



**FACULTY OF ARTS  
DEPARTMENT OF CLASSICS AND RELIGION  
COURSE OUTLINE  
Fall 2022**

**THIS IS AN IN-PERSON CLASS AND ATTENDANCE IS HIGHLY RECOMMENDED  
CLASSES WILL NOT BE RECORDED**

**COURSE NUMBER:** GRST 321 L01

**COURSE NAME:** Ancient Technology

**PREREQUISITES:** None

**CLASSROOM LOCATION:** KNB 126

**CLASS DAYS & TIMES:** Monday, Wednesday, Friday 12.00-12.50

**INSTRUCTOR NAME AND CONTACT INCLUDING UCALGARY EMAIL & PHONE:**

- Lesley Bolton
- [labolton@ucalgary.ca](mailto:labolton@ucalgary.ca)
- 403 220 2562

**OFFICE HOURS:**

- Monday 10.00-11.00 and by appointment (please 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):**

- Laura Milman
- [laura.milman@ucalgary.ca](mailto:laura.milman@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

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 <https://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 15th
- Last day to add courses is Friday September 16th
- The last day to withdraw from this course with no refund of fees is Wednesday December 7th

## EXAMINATIONS

The registrar will schedule a time for the exam.

## ASSESSMENT COMPONENTS

Date	Assessment	Weight	Required Pass
Oct. 21	Midterm in-class Short-answer questions - 50 minutes Closed Book	30%	No
Nov. 28	Term Paper or Project due	35%	No
tba	Registrar Scheduled Exam on-campus Short-answer questions - 2 hours Closed Book	35%	No

### **MISSED OR LATE ASSIGNMENTS**

- Accommodations for foreseeable events should be requested well in advance
- If you miss the in-class midterm, you will normally receive a mark of zero. If there are extenuating circumstances that you can explain to me, I may set another assessment, transfer the percentage weight for the assessment to another component of the course (such as the final examination), or make other alternative arrangements. You must contact me within 2 days of the missed midterm
- Requests made more than 2 days after a missed midterm will not be accepted
- Term papers/projects that are late without approved extensions will lose 5% (i.e. 5/100 marks) per day late, including weekends
- No “bonus” assignments will be possible
- Requests for a deferred exam must be made to the Registrar’s Office; note, deferred exams may differ in content and/or format

### **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

Final Grade Only: 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. Individual components will not be rounded up or down. Please do not send email inquiries asking for your final grade to be “bumped up” or for bonus assignments – there is no adjustment of marks, there are no 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 [Accommodation Policy](#). 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 ([Accommodations Procedure](#)). 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 [Student Services 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 ([Acceptable Use of Material Protected by Copyright](#)) and requirements of the copyright act ([Copyright Act](#)) 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 [Student Non-Academic Misconduct](#).

### **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 [Sexual and Gender-Based Violence Policy](#).

### **OTHER IMPORTANT INFORMATION**

Please visit the Registrar's website at: [Student Support and Resources](#) 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