

THE UNIVERSITY OF WESTERN ONTARIO
DEPARTMENT OF CLASSICAL STUDIES
Classical Studies 2700b.001: *TECHNOLOGY AND ENGINEERING IN THE ANCIENT WORLD*
Winter 2023

Course Time and Location: Asynchronous online lectures; tests **in-person**.

Course Instructor, Teaching Assistant, Office Hours, and Contact Info: Posted on OWL

PREREQUISITES: There are no prerequisites for this course.

REQUIRED TEXT

Oxford Handbook Of Engineering & Technology In The Classical World, ed. by Oleson

COURSE OBJECTIVES:

This half-course seeks to provide students with a history and analysis of ancient (primarily Greek and Roman) technologies. The student who completes this course can expect to have a fuller understanding of the technology available in Greek and Roman antiquity, how it was used, and how it was regarded.

LEARNING OUTCOMES:

Students completing this course will comprehend: how earlier cultures controlled and altered their environment; how technology grew in the ancient world; and what inhibited technology from growing.

GRADING (all tests are **in-person**)

Quiz (Wednesday January 31 at 7:00 pm, location TBD):	15%
Midterm (Wednesday March 13 at 7:00 pm, location TBD):	35%
Final Examination (location and time as scheduled by the Registrar)	50%

REQUIRED TEXT

Oxford Handbook Of Engineering & Technology In The Classical World, ed. by Oleson

Tentative Schedule for CS 2700b

Jan 8	Introduction & Ch. 4: Mining and Metallurgy (pp. 93-114)
15	Ch. 5 & 6: Quarrying; Sources of Energy (pp. 115-154)
22	Ch. 7 & 8: Agriculture; Animal Husbandry (pp. 158-213)
31	Quiz
Feb 5	Ch. 9 & 10: Engineering; Construction (pp. 225-279)
12	Ch. 11 & 13: Hydraulic Engineering; Machines (pp. 285-312, 337-363)
19	Reading Week
26	Ch. 14: Food Processing; (pp. 369-389)
Mar 4	Ch. 18 & 19: Textiles; Leather (pp. 465-496)
13	Midterm
18	Ch. 20 & 21: Ceramic; Glass (pp. 496-542)
25	Ch. 22, 23, 24, & 25: Land Transport; Sea Transport (pp. 551-670)
Apr 1	Ch. 16, 26 & 27: Metalworking; Warfare (pp. 418-437, 673-710)
10	Ch. 28 & 29: Information Technologies, Timekeeping (pp. 715-758)

COURSE NOTES:

1. All course material will be posted to OWL: <http://owl.uwo.ca>. You are responsible for checking

the course OWL site on a regular basis for news and updates. This is the primary method by which information will be disseminated to all students in the class. If you need assistance with OWL site, go to OWL Help page or log a ticket at <https://wts.uwo.ca/helpdesk/>

2. Lectures and course materials, including power point presentations, outlines, and similar materials, are protected by copyright. You may take notes and make copies of course materials for your own educational use. You may not record lectures, reproduce (or allow others to reproduce), post or distribute lecture notes, wiki material, and other course materials publicly and/or for commercial purposes without my written consent.
3. For questions about course content or technical issues, contact the course TAs.
4. If you are absent for a test, you must provide valid medical or supporting documentation to the Academic Counselling Office of your Faculty of Registration as soon as possible. For further information, please consult the University's medical illness policy at:
https://uwo.ca/univsec/pdf/academic_policies/appeals/academic_consideration.pdf
The Student Medical Certificate is available at
https://www.uwo.ca/univsec/pdf/academic_policies/appeals/medicalform.pdf
5. Makeup tests will be held one week after the regularly scheduled, on Wednesday at 7:00pm; the format of the makeup test may be different than the regular test.
6. Request for a re-grade must be made within three weeks of the test being handed back.
7. In fairness to all students, there is no extra credit or re-weighting of grades; I do not reply to emails that ask for these. If you have a disability or some other special situation, I urge you to speak to both your student advisor and Services for Students with Disabilities (SSD).

Religious Accommodation

When a course requirement conflicts with a religious holiday that requires an absence from the University or prohibits certain activities, students should request accommodation for their absence in writing at least two weeks prior to the holiday to the course instructor and/or the Academic Counselling office of their Faculty of Registration. Please consult University's list of recognized religious holidays (updated annually) at

<https://multiculturalcalendar.com/ecal/index.php?s=c-univwo>.

Accommodation Policies

Students with disabilities are encouraged to contact Accessible Education, which provides recommendations for accommodation based on medical documentation or psychological and cognitive testing. The policy on Academic Accommodation for Students with Disabilities can be found at:

https://www.uwo.ca/univsec/pdf/academic_policies/appeals/Academic_Accommodation_disabilities.pdf.

Academic Policies

The website for Registrarial Services is <http://www.registrar.uwo.ca>.

In accordance with policy,

https://www.uwo.ca/univsec/pdf/policies_procedures/section1/mapp113.pdf,

the centrally administered e-mail account provided to students will be considered the individual's official university e-mail address. It is the responsibility of the account holder to ensure that e-mail received from the University at their official university address is attended to in a timely manner.

Scantron Review

Computer-marked multiple-choice tests and exams may be subject to submission for similarity review by software that will check for unusual coincidences in answer patterns that may indicate cheating.

Academic Counselling

Your Home Faculty's Academic Counselling or Academic Advising Office will support or refer whenever you have an issue that is affecting your studies, including information on adding/dropping courses, academic considerations for absences, appeals, exam conflicts, and many other academic related matters. Do not hesitate to reach out to them if you are struggling and unsure where to go for help. Contact info for all Faculties is here: https://registrar.uwo.ca/faculty_academic_counselling.html

Mental Health Support

Students who are in emotional/mental distress should refer to Mental Health@Western (<https://uwo.ca/health/>) for a complete list of options about how to obtain help.

Gender-based and sexual violence

Western University [is committed to reducing incidents of gender-based and sexual violence](#) and providing compassionate support to anyone who has gone through these traumatic events. If you have experienced gender-based or sexual violence (either recently or in the past), you will find information about support services for survivors, including emergency contacts, [here](#). To connect with a case manager or set up an appointment, please contact support@uwo.ca.

Accessible Education

Western has many services and programs that support the personal, physical, social and academic needs of students with disabilities. For more information and links to these services:

<http://accessibility.uwo.ca/>

Learning Development and Success

Counsellors at the Learning Development and Success Centre (<https://learning.uwo.ca>) are ready to help you improve your learning skills. They offer presentations on strategies for improving time management, multiple-choice exam preparation/writing, textbook reading, and more. Individual support is offered throughout the Fall/Winter terms in the drop-in Learning Help Centre, and year-round through individual counselling.

USC

Additional student-run support services are offered by the USC, <https://westernusc.ca/services/>.