

HTST 494

International History of Energy

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Office Hours: Tuesdays 14:00-15:30 pm

Overview

This course will provide an introduction to the international history of energy. It will examine the history of energy in an international context since the mid-19th century and engage with a number of approaches, including diplomatic history, international relations and international political economy, that can be adopted in such examinations. Addressing the role of energy in international conflict and cooperation, we will study select events and determine the historical role of governments, international institutions and multinational corporations. We will also investigate how broader developments such as the energy transition from the mineral to the carbon age as well as the Cold War have on the international history of energy.

This is a lecture course based on two books and academic research articles but there will also be time to discuss the assigned readings. Students are expected to actively participate in these discussions. The lectures will be structured chronologically as well as along core themes and will include international, cross-national, transnational and national levels of inquiry.

Goals

This course aims to provide students with a thorough knowledge and critical understanding of the role of energy in international history. Using a variety of academic literature, empirical examples, and encouraging deep engagement with primary sources, the course provides students with a thorough understanding of the major themes in international energy history. At the same time, they will learn different approaches to studying and various interpretations of energy history. It will encourage students to acquire research skills and to critically engage with historical events and their meanings as well as shape students' awareness of the complexities of historical inquiry.

Evaluation

Participation	15%
Book Report	20%
Critical Essay	25%
Research Essay	40%

Required Texts

- 1) Timothy Mitchell. *Carbon Democracy: Political Power in the Age of Oil*. Paperback Verso, 2nd Revised edition, 2013
- 2) Daniel Yergin. *The Prize: The Epic Quest for Oil, Money & Power*. Paperback Free Press, 2009
- 3) Links to additional readings will be posted on D2L

Deadlines

27 February 2018

Book Report

22 March 2018

Critical Essay

12 April 2018

Research Essay

Assignment Descriptions

All written assignments are related to one research project that students are interested in researching throughout the course. Students are expected to discuss the topic with the instructor.

Book Review:

A **book review** of 3 pages (max. 1,000 words) will be required for this course. Students should find a monograph that addresses their research topic. Students are expected to consult with the instructor about their choice of book. More specific guidelines will be made available at the beginning of the term. Please submit electronically on D2L.

Critical Essay:

A **critical essay** of 4-5 pages (1,200 words) will be required for this course. Students will critically assess three peer-reviewed academic articles on their chosen research topic. They will weigh the arguments as well as historical evidence put forward in these articles. Students are expected to choose articles through systematically searching relevant databases such as *Historical Abstracts*. Precise instructions will be made available at the beginning of term. Please submit electronically on D2L.

Research Essay:

A **research essay** of 12 pages (3,000 words) will be required for this course. This research essay will be on students' chosen research topic and will address a specific research question, which students will have to discuss with the instructor beforehand. The research essay should be based on a wide reading of primary and secondary sources and include at least 10 sources in addition to the book and the three essays that are part of the book review and the critical essay. Precise instructions will be made available at the beginning of term. Please submit electronically on D2L.

Participation:

Part of the course grade, as detailed above, will depend upon regular class participation. Students are expected to have read all required readings before class and to engage in the class discussion on these readings. Please note that attendance is not participation.

Course Plagiarism Policy

I expect all students to be familiar with the plagiarism policy of this university, which is described in the section on academic misconduct in the University calendar. Please ask me if you have any questions or concerns. There is absolutely no excuse for not knowing what plagiarism is at the university level, and all cases of plagiarism will be referred to the Associate Dean of the Faculty of Arts.

Important Note on Using Internet Sources

The Internet is full of misleading and historically inaccurate information. You may not cite web sites in your papers for this course. You may use scholarly journal articles and books that are published in paper form but are available online. Cite the paper version without the URL.

D2L

The D2L site for this course will deliver some of the documents to be discussed in class. The instructor will also be posting outlines of the lectures, course handouts, and most of the announcements made in class. Students are encouraged to check D2L regularly.

Course Policies

- Deadlines are firm. Two percentage points will be deducted from your paper grade for every day your paper is late. Make-up exams will be available only with a doctor's note or other certification.
- Assignments should be submitted electronically in a word document format.

Classroom Policies

- Audio or video recording of lectures is not permitted without the written permission of the instructor. Students violating this policy are subject to discipline under the University of Calgary's Non-Academic Misconduct policy.
- Students are expected to arrive in class prepared to learn and discuss material when appropriate. If you have a question about lecture material, or simply need to have a point clarified, please do not hesitate to ask.
- Please set all cell phones/wireless devices to silent mode when attending lectures.
- Demonstrate respect for your colleagues' learning environment by refraining from engaging in private conversations during lectures or using laptop/notebook computers for any other purpose than taking notes.
- If you must leave the class during the lecture for whatever reason, please do so quickly and quietly to minimize the distraction to other students.
- It is the student's responsibility to ensure that they know the date, time and location of the Registrar-scheduled final exam.

Weekly Topics and Reading Assignments

Week 1: Introduction

9 Jan: What is inter-/trans-/cross-national history, international relations, international political economy? What constitutes energy history?

11 Jan: Library session: how to find a topic and sources?

Readings

Yergin, *The Prize*: chapters 1-2: pages 1-39

Mitchell, *Carbon Democracy*, introduction: pages 1-11

Week 2: 19th-Century Energy Systems and Innovations

16 Jan: from whale oil to kerosene/an international history of technological innovation

18 Jan: old empires of coal, emerging empires of oil

Readings

Yergin, *The Prize*: chapters 3-5: pages 40-97

Mitchell, *Carbon Democracy*, chapter 1: pages 12-42

Week 3: Oil Wars

23 Jan: the international rise of Standard Oil, Royal Dutch and Burmah Oil

25 Jan: oil and the war effort/mechanization and energy

Readings

Yergin, *The Prize*: chapters 6-9: pages 98-167

Mitchell, *Carbon Democracy*, chapter 2: pages 43-65

Week 4: International Petroleum Orders

30 Jan: coal versus oil / the rise of the automobile / electrification and empires

1 Feb: Anglo-American petroleum cooperation in the Middle East

Readings

Yergin, *The Prize*: chapters 10-12: pages 168-226

Mitchell, *Carbon Democracy*, chapter 3: pages 66-85

Week 5: Nationalist Challenges in Latin America and the Middle East

6 Feb: Venezuela and Mexico

8 Feb: Iran

Readings

Yergin, *The Prize*: chapters 13-15: pages 227-285

Mitchell, *Carbon Democracy*, chapter 4: pages 86-108

Week 6: Oil and the Second World War

13 Feb: the search for oil & alternatives (Germany, Japan, Allied Powers)

15 Feb: *War and Oil* (episode 4 of PBS series 'The Prize')

Readings

Yergin, *The Prize*: chapters 16-19: pages 289-370

Week 7: Reading Week

Week 8: Energy and the Early Cold War

27 Feb: synthetic oil, nuclear power, the demise of coal

1 Mar: post-war petrocultures

Readings

Yergin, *The Prize*: chapters 20-21, 27: pages 373-412, 523-542

Mitchell, *Carbon Democracy*, chapter 5: pages 109-143

Week 9: Oil and the End of Empires

6 Mar: crisis in the Middle East (1953 Iranian Coup, 1956 Suez Crisis, 1967 Arab-Israeli War)

8 Mar: the new geopolitics of oil/Oil Weapon, 1967-1974

Readings

Yergin, *The Prize*: chapters 22-26: pages 413-522

Mitchell, *Carbon Democracy*, chapter 6: pages 144-172

Week 10: Oil Weapon and Energy Crises

13 Mar: 1970s Energy Crises

15 Mar: *The Tinderbox* (episode 7 of PBS series 'The Prize')

Readings

Yergin, *The Prize*: chapters 28-30: pages 545-614

Mitchell, *Carbon Democracy*, chapter 7: pages 173-199

Week 11: Global Oil Markets and Energy Interdependence

20 Mar: founding of the IEA, 1974, consumer cooperation

22 Mar: North-South and East-West relations

Readings

Yergin, *The Prize*: chapters 31-34: pages 615-696

Week 12: The International Search for Alternative Energy Sources

27 Mar: North Sea and Arctic Oil & Gas, Coal Liquefaction, Unconventional Oil

29 Mar: Nuclear Power, Hydropower, Solar and Other Renewables

Readings

Readings on D2L

Week 13: Oil and the End of the Cold War

3 Apr: classic geopolitics returns: the Persian Gulf and the Caspian region

5 Apr: Pipeline Politics, Resource Curse and Resource Wars

Readings

Yergin, *The Prize*: chapters 35-37: pages 697-762

Mitchell, *Carbon Democracy*, chapter 8: pages 200-230

Week 14: International History of Oil in the Carbon Age

10 Apr: energy (in)security

12 Apr: “new age of oil” (Yergin) or “no more counting on oil” (Mitchell)

Readings

Yergin, *The Prize*: epilogue: pages 763-773

Mitchell, *Carbon Democracy*, conclusion: pages 231-254

Important Departmental, Faculty, and University Information

Attention history majors: History 300 is a required course for all history majors. You should normally take it in your second year.

Faculty of Arts Program Advising and Student Information Resources:

- Have a question, but not sure where to start? The Arts Students Centre is your information resource for everything in Arts! Drop in at SS110, call 403-220-3580, or email artsads@ucalgary.ca. For detailed information on common academic concerns, you can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate>.
- For program planning and advice, contact the Arts Students Centre, Social Sciences 102, 403-220-3580, or visit <http://arts.ucalgary.ca/advising>.
- For registration (add/drop/swap), paying fees and assistance with your Student Centre, contact Enrolment Services at 403-210-ROCK [7625] or visit the office in the MacKimmie Library Block.

Departmental Twitter Handle @ucalgaryhist - For departmental updates and notifications

Writing:

This course will include written assignments. Faculty policy directs that all written assignments (including, although to a lesser extent, written exam responses) will be assessed at least partly on writing skills. Writing skills include not only surface correctness (grammar, punctuation, sentence structure, etc.) but also general clarity and organization. Research papers must be properly documented.

Writing Support:

Students are also encouraged to use Writing Support Services and other Student Success Centre Services, located on the 3rd floor of the Taylor Family Digital Library. Writing Support Services assist with a variety of assignments, from essays to lab reports. Students can book 30-minute one-on-one appointments online, sign up for 15-minute drop-in appointments, and register for a variety of writing workshops. For more information on this and other Student Success Centre services, please visit www.ucalgary.ca/ssc.

Copyright:

The University of Calgary has opted out of the Access Copyright Interim Tariff proposed by the Copyright Board. This means that instructors in all University of Calgary courses will strictly adhere to Copyright Act regulations and the educational exceptions permitted by the Act for both print and digital course material. What this simply means is that no copyrighted material may be placed on course D2L or web sites without the prior permission of the copyright holders. In some cases, this may mean that instructors will require you to purchase a print course pack from the University of Calgary bookstore or that you will have to consult books on reserve at the library. For more information on the University of Calgary's copyright policy, see <http://library.ucalgary.ca/copyright>.

Red Box Policy:

Essays and other assignments may be handed in to the red box located outside of the History Department office (SS 656). Please include the following information on your assignment: course name and number, instructor, your name and your student number. Assignments received after 4:00 p.m. will be date stamped

with the date of the next business day. We do not time stamp any papers. Please do not bring your paper into the office to be stamped. The box is emptied promptly at 8:30 a.m. and at 4:00 p.m. Monday to Friday.

Departmental Grading System:

The following percentage-to-letter grade conversion scheme has been adopted for use in all Canadian Studies, History, and Latin American Studies courses.

Percentage	Letter Grade	Grade Point Value	Description
90-100	A+	4.00	Outstanding
85-89	A	4.00	Excellent—superior performance showing comprehensive understanding of subject matter.
80-84	A-	3.70	
77-79	B+	3.30	
73-76	B	3.00	Good—clearly above average performance with knowledge of subject matter generally complete.
70-72	B-	2.70	
67-69	C+	2.30	
63-66	C	2.00	Satisfactory—basic understanding of the subject matter.
60-62	C-	1.70	Receipt of a grade point average of 1.70 may not be sufficient for promotion or graduation.
56-59	D+	1.30	Minimal pass—marginal performance; generally insufficient preparation for subsequent courses in the same subject.
50-55	D	1.00	
0-49	F	0	Fail—unsatisfactory performance or failure to meet course requirements.

Plagiarism:

Plagiarism occurs when one submits or presents one's work in a course, or ideas and/or passages in a written piece of work, as if it were one's own work done expressly for that particular course, when, in fact, it is not. As noted in *The History Student's Handbook* (http://hist.ucalgary.ca/sites/hist.ucalgary.ca/files/history_students_handbook_2015.pdf), plagiarism may take several forms:

- Failure to cite sources properly may be considered plagiarism. This could include quotations, and wording used from another source but not acknowledged.
- Borrowed, purchased, and/or ghostwritten papers are considered plagiarism, as is submitting one's own work for more than one course without the permission of the instructor(s) involved.
- Extensive paraphrasing of one or a few sources is also considered plagiarism, even when notes are used, unless the essay is a critical analysis of those works.
- The use of notes does not justify the sustained presentation of another author's language and ideas as one's own.

Plagiarism is a serious academic offence and written work that appears to contain plagiarized passages will not be graded. All such work will be reported to the Faculty of Arts' associate deans of students who will apply the penalties specified in the *University of Calgary Calendar*.

Universal Student Ratings of Instruction:

At the University of Calgary, feedback provided by students through the Universal Student Ratings of Instruction (USRI) survey provides valuable information to help with evaluating instruction, enhancing learning and teaching, and selecting courses (www.ucalgary.ca/usri). Your responses make a difference. Please participate in USRI Surveys.

Student Accommodations:

Students seeking an accommodation based on disability or medical concerns should contact Student Accessibility Services; 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/.

Students who require an accommodation in relation to their coursework based on a protected grounds other than disability should communicate this need in writing to their Instructor.

The full policy on Student Accommodations is available at <http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy.pdf>

Campus Resources for Mental Health:

The University of Calgary recognizes the pivotal role that student mental health plays in physical health, social connectedness and academic success, and aspires to create a caring and supportive campus community where individuals can freely talk about mental health and receive supports when needed. We encourage you to explore the excellent mental health resources available throughout the university community, such as counselling, self-help resources, peer support or skills-building available through the SU Wellness Centre (Room 370, MacEwan Student Centre, <https://www.ucalgary.ca/wellnesscentre/services/mental-health-services>) and the Campus Mental Health Strategy website (<http://www.ucalgary.ca/mentalhealth/>).

Other Useful Information:

- Faculty of Arts Representatives: 403-220-6551, arts1@su.ucalgary.ca, arts2@su.ucalgary.ca, arts3@su.ucalgary.ca, arts4@su.ucalgary.ca.
- *Safewalk and Campus Security*: 403-220-5333.

Please also familiarize yourself about the following topics by consulting the information at these links:

- *Freedom of Information*: <http://www.ucalgary.ca/legalservices/foip/foip-hia>
- *Emergency Evacuation Assembly Points*: <http://www.ucalgary.ca/emergencyplan/assemblypoints>
- *Safewalk*: <http://www.ucalgary.ca/security/safewalk>
- *Student Union Information*: <http://www.su.ucalgary.ca/>
- *Graduate Student Association*: <http://www.ucalgary.ca/gsa/>
- *Student Ombudsman Office*: <http://www.ucalgary.ca/provost/students/ombuds>