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# HTST 395

## History of Energy

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Fall Term 2016  
TuTh 2.00-3.15 pm

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Office Hours: Thursdays 3.30 – 5.00 pm

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### Overview

This course will provide an introduction to the history of energy. It will reconstruct the historical trajectories of important energy sources and engage with a number of historical approaches that can be adopted when studying the role of energy in different time periods and societies. We will look at the various forms of energy as well as the impact that technology, culture, and politics had upon their respective developments and uses. We will examine in detail how energy transformed societies in Europe and North America. These examples will challenge deterministic assumptions about the causal link between energy and development, be it economic, political, societal or cultural. This is a lecture course based on three books but there will also be time to discuss the assigned readings. The lectures will be structured chronologically as well as along core themes and will include international, national and local 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, and empirical examples, the course consolidates the students' understanding of the major themes in energy history, different approaches to studying energy history 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. It will enhance students' ability to critically evaluate core literature in the field and use evidence from a wide array of historical sources.

### Evaluation

<b>Discussion sessions</b> (five throughout the term)	<b>5%</b>
<b>Written exercises</b> (throughout the term, for details see below)	<b>5%</b>
<b>Essay-Writing Quiz on D2L</b>	<b>5%</b>
<b>Bibliography</b>	<b>5%</b>
<b>Mid-Term Examination</b>	<b>15%</b>
<b>Book Review</b>	<b>15%</b>
<b>Primary Source Interpretation</b>	<b>25%</b>
<b>Final Exam</b>	<b>25%</b>

### Required Texts

- 1) Christopher Armstrong and H.V. Nelles, *Wilderness and Waterpower: How Banff National Park Became a Hydroelectric Storage Reservoir* (Calgary: University of Calgary Press, 2013) available online
- 2) David E. Nye, *Consuming Power: A Social History of American Energies* (Cambridge, MA: MIT Press, 1998) available online
- 3) Vaclav Smil, *Energy Transitions: History, Requirements, Prospects* (Santa Barbara, CA: Praeger, 2010)
- 4) Links to additional readings will be posted on D2L

### Deadlines

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**20 Sept 2016**  
Essay-Writing Quiz on D2L

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**4 Oct 2016**  
Bibliography

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**20 Oct 2016**  
Mid-Term Examination

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**3 Nov 2016**  
Book Review

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**6 Dec 2016**  
Primary Source Interpretation

## Assignment Descriptions

### Discussion Sessions:

There will be **five** sessions throughout the term, which will be **counted** as part of your final grade. Students will split up into smaller groups to discuss and answer questions about required readings. Some discussions will be based on documents posted on D2L. The instructor will move from group to group to provide guidance and to ensure that the discussions remain focused. At the end of the class, each group will hand in a **summary of findings and debates**. The goal of these sessions is to incorporate a more student-focused learning component and to prepare students for the discussion format of upper-level seminars. The discussions sessions are marked as pass or fail.

### Written Exercises:

There will be **three** short written exercises throughout the term, which will help students understand the different texts that can be produced and also to slowly build up the volume of required writings throughout the course. The first exercise will entail the **retweeting** of an energy-related tweet (which will be provided by the instructor) along with a **comment** of max. 140 characters. The second exercise will require students to write three sentences about one **energy history identification** (a list of ID's will be provided by the instructor). The third exercise will ask students to write a **350-word comment as a blog post**.

### Writing Quiz:

This **quiz** will be available on D2L a week before it is due. It will be based on the Essay-Writing Tutorial available on Dr Annette Timm's web site (see <https://hist.ucalgary.ca/atimm/writing-advice/essaywriting-tutorial>) and will consist of multiple-choice questions about expository style, argument, documentation, and citation for historical writing.

### Exams:

There will be an **in-class midterm** and a **registrar-scheduled final exam** for this course. In both cases, you will receive an exam preparation sheet with possible essay questions one week before the exam. You are encouraged to prepare and outline your essays in advance of the exams to ensure good essay structure, argument, and evidence. Exams will be closed book. More information about the format of the exams will be given in class.

### Bibliography:

Students will have to submit a **bibliography** on the topic of the source that they choose to write their source interpretation on (see primary source interpretation instructions below). Bibliographies must be properly formatted and should include at least 10 sources. Both books and journal articles should be among those sources. Internet sites, such as Wikipedia should not be used, but journal articles that were accessed via the internet, using databases such as JSTOR, Historical Abstracts, and Project Muse that are available on the library's website, are encouraged. Guidelines will be made available at the beginning of the term. Please submit electronically on D2L.

### Book Review:

A **book review** of 2 pages (max. 1,000 words) will be required for this course. It should review one of the three required classroom texts (Smil, Nye, or Armstrong and Nelles). More specific guidelines will be made available at the beginning of the term. Please submit electronically on D2L.

### Primary Source Interpretation:

A **primary source interpretation** of between 6-8 pages (2,000-2,500 words) will be required for this course. Students will choose from a list of primary sources which will be provided by the instructor. Precise instructions will be made available at the beginning of term. Please submit electronically on D2L.

## 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. For more information, please refer to the links under "How To Evaluate A Web Site" at <http://www.llrx.com/features/webeval.htm> and A. Harnack & E. Kleppinger, E. Online!: A Reference Guide to Using Internet Sources (New York, 1998) at <http://www.bedfordstmartins.com/online/>.

## 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.

## Lecture and Reading Schedule

### Part I: Global Energy Histories

Week 1: Introduction, Energy & Energy Systems

(1) Sept 13: Introduction

(2) Sept 15: Smil, Ch. 1

Week 2: Comparisons over Space and Time

(3) Sept 20: Smil, Ch. 2

(4) Sept 22: self-study

Week 3: National Trajectories

(5) Sept 27: Smil, Ch. 3

(6) Sept 29: **discussion session 1**

### Part II: National Trajectories – The Example of the U.S.

Week 4: Expansion

(7) Oct 4: Nye, Ch. 1

(8) Oct 6: Nye, Ch. 2

Week 5: Concentration

(9) Oct 11: **discussion session 2**

(10) Oct 13: Nye, Ch. 3

Week 6: Concentration

(11) Oct 18: Nye, Ch. 4

(12) Oct 20: **mid-term examination**

Week 7: Concentration

(13) Oct 25: Nye, Ch. 5

(14) Oct 27: **discussion session 3**

Week 8: Dispersion

(15) Nov 1: Nye, Ch. 6

(16) Nov 3: Nye, Ch. 7

Week 9: Dispersion

(17) Nov 8: Nye, Ch. 8

**no class on 10 November**

### Part III: Local Manifestations – Banff National Park & Hydropower

Week 10:

(18) Nov 15: **discussion session 4**

(19) Nov 17: Armstrong & Nelles, Ch. 1 - 3

Week 11:

(20) Nov 22: Armstrong & Nelles, Ch. 4 - 6

(21) Nov 24: Armstrong & Nelles, Ch. 7 - 9

Week 12:

(22) Nov 29: **discussion session 5**

(23) Dec 1: Armstrong & Nelles, Ch. 10 -12

### Part IV: Conclusions

Week 13: **View Towards the Future**

(24) Dec 6: Smil, Ch. 4; Nye, Ch. 9

(25) Dec 8: Final Discussion

# Important Departmental, Faculty, and University Information

## 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](mailto:artsads@ucalgary.ca). You can also visit the Faculty of Arts website at <http://arts.ucalgary.ca/undergraduate> which has detailed information on common academic concerns.

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.

## 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:

Need help coming up with a thesis statement? Confused about the proper way to use footnotes? Just want to ask someone about your written assignment for this or any other history class? The Department of History offers small-group and individual writing support for all students registered in a History class from some of our top graduate students. Check with your instructor for the scheduled weekly drop-in times, sign-up for one of the writing workshops, or arrange to meet with our writing tutors individually. More information about this program will be posted on the Department of History web site: <http://hist.ucalgary.ca>.

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](http://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 coursepack from the University of Calgary bookstore or that you will have to consult books in the library reserve room. 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). 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

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, 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](http://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/](http://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\\_0.pdf](http://www.ucalgary.ca/policies/files/policies/student-accommodation-policy_0.pdf).

## Other Useful Information:

*Faculty of Arts Representatives:* 403-220-6551, [arts1@su.ucalgary.ca](mailto:arts1@su.ucalgary.ca), [arts2@su.ucalgary.ca](mailto:arts2@su.ucalgary.ca), [arts3@su.ucalgary.ca](mailto:arts3@su.ucalgary.ca), [arts4@su.ucalgary.ca](mailto: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/secretariat/privacy>

*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>