Reading the Past: Technology and Identity
Honors 240, section 4. George Mason University. Fall 2018
Planetary 127. Tuesdays and Thursdays, 1:30-2:45pm.

Professor Zachary M. Schrag

E-mail: zschrag@gmu.edu (please include “240” in subject header).
Office: Robinson B 357A. Tel. 703-594-1844.
Office Hours: Thursdays 10am-noon and by appointment. Please sign up for a slot or slots at zschrag.as.me, whether you are planning to come during those times or other times.

Course Blackboard site: http://mymason.gmu.edu.
General advice: http://historyprofessor.org
Chicago-Style Citation Quick Guide: http://www.chicagomanualofstyle.org/tools_citationguide.html

Syllabus revised 27 August 2018

Course Description
We define ourselves by the tools we make, the tools we use, and the tools we reject. Individuals select consumer goods, communities deploy infrastructure, and whole nations seek glory through science, invention, and warfare. This course will explore the intersection of technology and identity in the nineteenth and twentieth centuries in the United States and other nations. We will learn how people living today and previous generations made choices about three sets of technologies: vaccination; electrification of cities, homes, and farms; and aviation, with an emphasis on the role of the pilot. By learning this history, we can better understand the choices we ourselves face as individuals, communities, and nations.

Goals
In this course, students will:

- Reflect on the significance of technology in the world we know today, including their own daily lives.
- See the technology as a product of choices made by human beings and consider who has the power to shape the tools we use.
- Use history as a guide to the present and future.
- Practice critical reading of primary and secondary sources, including texts, images, music, and motion pictures.
- Practice research skills using sources in databases, on paper, and in the world around us.
- Work individually, in pairs and small groups, and in a larger class.
- Practice skills of writing, editing, and revision. Provide and accept feedback that is tough, encouraging, and fair.

This course counts as part of the Mason Core. Samples of student work, with names removed, will be submitted for assessment.

Laptops and tablets may be used to consult class readings in electronic form, provided they do not prove a distraction. Except by prior arrangement, phones may not be used for any purpose during class.

Please do not eat in the classroom, before or during class.

If you are struggling, please ask for help. If you are struggling with academic work, with mental or physical health, with family or financial or legal challenges, please ask for help. I may be able to help, or refer you to someone who can. At the very least, we should be able to find someone to listen.
Readings

No books or coursepacks have been ordered for this course. All assigned readings will be linked or posted on Bb.

Students are greatly encouraged to refer to Kate L. Turabian, A Manual for Writers of Research Papers, Theses, and Dissertations: Chicago Style for Students and Researchers, 8th ed. Chicago: University of Chicago Press, 2013. ISBN-13: 978-0226816388. This edition is available inexpensively in paperback or Kindle format, and it offers good advice on writing as well as citation. The 7th edition is available at the reference desk of Fenwick Library (LB2369 .T8 2007). Please let me know if you will be using that.

Online Components

Except for the peer-editing, this course is designed to be paperless; all assignments except for the essay drafts should be posted on Blackboard, http://mymason.gmu.edu. (Please note we are using Blackboard Learn 9.1, accessible through the My Mason portal.) You will also receive feedback on Blackboard. Please include your last name in the file name of any attachment you post to Blackboard or send by e-mail; e.g., jones_essay2.doc, not essay2.doc. Please do not send Microsoft Works (.wps) attachments; I cannot open them. Please do not send Microsoft shortcuts (.lnk) which work only on your local computer. Please save your files as .doc, .docx, or .rtf formats.

Please post a photograph of yourself on Bb. See http://goo.gl/9w0Zys

Collaboration

This course is designed to encourage the kind of collaboration that makes scholarship so much fun. While you are responsible for your own essays, you rely on each other to identify primary sources and to help you revise your work.

You must credit your classmates for the help that they give you, since a scholar should be proud of the use she has made of others’ work. Citation need not be terribly formal, but I suggest the following form for citing sources discovered by your classmates:


Evaluation

A total of 100 points are available. See “Assignments” for the value of each assignment.

Students who do everything that is asked of them for a given assignment can expect to earn B’s. Students who challenge themselves to exceed expectations earn higher grades, while students who do not meet the expectations earn lower grades.

Competent performance will typically result in full credit for warm up, noteworthy facts, and discussion leading (19 points), high credit for participation and research assignments (about 18 points of 21) and 80 percent credit for essays (48 points out of 60). If you get these scores, you will get 85 points total for the course, a B. In other words, the easy points are for the minor assignments, and exceeding a B for the course requires true excellence in writing and revising essays.

There is no fixed curve for the course. At the end of the course, I rank students according to the points they have accumulated on various assignments, and then set cut-off points for letter grades to reflect the level of achievement represented by various point totals. For example, the cut-off between a B and a B+ may be 88 or 89 depending on which grade I feel better reflects the achievements of students with 88.5 points.

Because this is a 200-level class, I am required to post midterm grades. These are generally lower than final grades. Consider them as pre-test grades, rather than as predictors of final grades.
Assignments

| Note worthy facts must be posted to Blackboard by 10am on the date due. |
| Research assignments are due on the indicated dates at 5pm. |
| Essays are due at 1pm, except for the revised draft of essay 3. |

**Warm Up (1 point)**  
See assignment for August 30.

**Attendance and participation (4 points per unit. 12 total)**

To receive credit, you must sign in by start of class. Occasional absence or tardiness is not a big deal, but chronic absence or tardiness will affect both your contribution score and the grades on your written work. Attendance is particularly important on peer-editing days. If you need to leave early, please speak to me before class. If you leave early without notifying me, you will be counted absent. I expect active participation in class discussions. The most helpful way to participate is to explain what left you confused and ask other students to help you understand the material.

**Noteworthy Facts (1 point per response; 12 total)**

For each set of readings after the introductory section, please prepare three noteworthy facts and post them by 10am on the day indicated on the Discussion Board section of Bb. This includes days when you are leading discussion.

Each fact should be one or two sentences long. Look for facts that would surprise and interest potential readers, and spark discussion. Please provide a page number. The noteworthy facts on page A3 of the New York Times are good models. You could also think of this as Tweeting about the reading in a way to get clicks and likes.

**Discussion leading (6 points)**

On one occasion during the course, you will partner with another student to lead discussion of the assigned readings. Discussion should run about 35-40 minutes, leaving me ten minutes at the start for announcements and 20 at the end for comments on the discussion.

You and your partner have a fair amount of leeway on how to organize the class, but major objectives should be to ensure that your classmates understand:

- The people whose story is being told in the reading.
- The artifacts used and the choices made about them.
- The historian’s choices about sources and methods to understand those choices.
- Connections between the readings and previous readings.
- Opportunities for additional research.

To prepare for this assignment, please read Rachel Seidman, “How to Lead a Class Discussion,” Carleton College: History, goo.gl/AkTRRK. Once you have read the assigned readings and the Seidman instructions, please confer with your partner about how to run the discussion.

**Primary source analysis (3 points each, 9 points total)**

On three occasions, you are asked to complete small research assignments. Please note that research assignments are due at 5pm on days class does not meet.

All research assignments require the following steps:

1. Find a document or image from the period we are studying that helps answer one of the essay questions posted on Blackboard. Consult the resource list on Blackboard for suggestions. While most students find sources online, you are free to consider sources that you photographed, scanned, or transcribed yourself.
The source must have been *created* during the date range specified for each unit; 1790-1960 for unit 1, 1880-1960 for unit 2, 1890-1970 for unit 3. Moreover, the source should have been created around the same time as the events it describes. Thus, if you are writing about medical beliefs in the 1930s, your source should come from the 1930s.

Look for sources that make arguments or claims. Advertisements and editorials work better than straight news items. Magazine or journal articles often have implicit arguments that you can analyze.

You need to be able to cite the source authoritatively. That means that if you find something intriguing on a blog or Pinterest but don’t know where it first appeared, do some hunting. With luck you can trace it back to the original archive or publication. (Google word and image searching is a good way to start.) If you can’t find the origin of the source, ask for help.

2. Pick 3-5 keywords and use them at the start of your response.

3. Write an APA or MLA reference or Chicago-style footnote for the document or image.

4. Write a one-paragraph analysis of the document or image following the examples at “Examples of Critical Reading” or “Image Analysis” http://historyprofessor.org/research/. Quote from your sources. Or, if using an image, point out specific details.

5. Post your keywords, footnote and paragraph on the appropriate Blackboard discussion, along with the document as an attachment.

Evaluation of primary source analysis:

1.5 points. Good choice of source, but not clear that student has understood it. Or source does not meet specifications of assignment, e.g., is secondary rather than primary. Or not much of a source; only a capsule news item.


2.25 points. Analytical claim unsupported by evidence

3 points. Critical reading as well as summary. Can take form of quotation of key passages, attention to voices excluded or included, dialectics.

Late postings will be penalized, from 0.25 points off for slightly late, to more for hours or days late.

*Essays (20 points each, 20 points per unit, 60 points total)*

On three occasions, you are assigned essays that will address the main themes of the course. The essays are due in two stages. The first draft must be at least 1200 words long, not including footnotes. The final draft must be 750-1000 words long.

Please keep in mind the instructions at http://historyprofessor.org, especially those on thesis statements and topic sentences.

The essays require the following steps:

**1. Read the essay questions**

I will write essay prompts based on the primary sources the class submits. They may contain specific instructions about how many sources to use, or suggestions about which sources to consult to answer a question. The goal of the questions is to guide your analysis of the primary sources assembled by the class, using concepts from the secondary readings.

**2. Assemble evidence**
The most important source of evidence for your answer are the primary sources gathered by you and your classmates. Other evidence may come from the assigned secondary readings and from films played in class. Evidence from other units of the course may be helpful as well. And you may wish to conduct additional research using the databases for the course. But such research is no substitute for engagement with your classmates’ sources.

We will discuss some of the sources in class, but please use at least one source not discussed in class.

All sources must be cited properly. This includes assigned readings and handouts, sources gathered by your classmates, and sources you find yourself. (See “Collaboration.”) Citations should be written in APA, MLA, or Chicago Manual of Style format. Please indicate the system you are using at the start of your paper.

When citing a source gathered by a classmate, please credit that person I suggest the following forms for citing work by your classmates:

For a document posted by a student, but written by someone else:


3. Read your sources critically

Read your sources slowly and carefully. Look not only for facts, but for surprises. See http://historyprofessor.org/research/ for additional guidance.

4. Develop a thesis.

Develop a thesis statement that answers the question and can be supported by your evidence. See http://historyprofessor.org/argument/ for suggestions.

I strongly recommend your thesis statement take the following form: Why did [person/persons] [do/say/write something surprising]? [Plausible explanation], but in fact [better or more complete explanation]. If you choose not to use this form, I suggest you explain your decision in your edit memo.

5. Outline your essay

For a ten-paragraph essay (about 1200 words), I suggest a two-paragraph introduction, two paragraphs to present one point of view, two paragraphs presenting an opposing point of view, two paragraphs analyzing the similarities and differences, and a two-paragraph conclusion. If you need more space for the body sections, you will end up with a longer essay. Make sure that each body paragraph begins with a strong topic sentence.

6. Write your essay.

Write a first draft of your essay. Post this to Bb and bring two copies to class. Share your first draft with two of your classmates during the peer editing session. If you do not receive helpful comments, demand them.

7. Revise your essay

Revise the draft according to the helpful comments you received and shorten it to the required length (maximum 1000 words).

For instructions on cutting wordiness, see


8. Describe your experience of the unit

Add your unit memo at the end of the final draft. This should include at least two sections:

**Contribution.** Describe your contribution to the class discussions and your plans for future discussions.

**Revision.** Explain how you revised your essay in response to feedback from your peers and (for essays 2 and 3) the comments you received from me on previous work. Explain what additional feedback would be helpful.

**Course evaluation** (optional). Add any comments you wish about how the unit met the goals of the course and what could be improved.

9. Post your essay

Post your final draft to the assignments section of Blackboard before the start of class on the day it is due. Bring your marked-up drafts from the peer editing session to class on that day.

**Essay evaluation**

Your essay score will break down roughly as follows, though I reserve the right to score elements above the maximum (e.g., 6 points out of 5) for exceptional work.

- **Question and thesis:** 5 points. A *why* question about the words or deeds of people, the weighing of alternative explanations, and a compelling claim. Aim for bold, original claims. I don’t want to read the same argument 25 times.

- **Topic sentences and organization:** 5 points. Topic sentences that support the thesis, summarize the evidence, interpret the evidence, and relate to one another in a clear way.

- **Evidence and critical reading:** 5 points. Ample primary evidence from sources posted by classmates. Analysis as well as summary.

- **Mechanics and style:** 3 points. Clear grammar, adequate citation.

- **Peer editing and revision:** 2 points. Good comments on your peers' work and good use of the comments you received.

**Peer Editing Instructions**

On three occasions you will exchange drafts with classmates and edit their work. If you cannot attend the peer editing session, you may exchange essays with a classmate outside of class for partial credit. Your job as a peer editor is not to correct spelling and minor errors, or to provide uncritical encouragement. Rather, it is to demand that your peers teach you something you did not know before. Your comments should begin with one of the following forms, or a close approximation:

1. Your essay corrected a misconception I had. Before reading it, I thought _________. But you showed me . . .

2. Your essay answered a question I had. Before reading it, I could not understand why _________. But you showed me . . .

3. Your essay explained the significance of _________. Before reading it, I couldn’t understand why ________ was important. But you showed me . . .

4. For the most part, this essay did not teach me anything that wasn’t pretty obvious from attending class and reading the assigned materials. But I was struck by your comment that “________.” This comment [insert phrase 1, 2, or 3]. Could you expand this point into a thesis for the whole essay?

If you miss a peer-editing session, you may exchange essays with another student in the class outside of class hours for partial credit (up to 1 point).
Schedule
Introductions

Week 1
August 28  Introduction—Artifacts and Choices
August 30  Read

Write
  • Please write a 1-2 paragraph description of a technology that you, your family, your community, or your nation has refused to use, either entirely, or in a given place or time. Explain how this decision reflects your values or that of the larger body to which you belong. Please post this as a reply to the appropriate thread on the Blackboard discussion board. Like all Bb discussion assignments, this is due at 10am.

Week 2
September 4  Workshop: reading primary sources.
Read:
  • “How to Read a Primary Source,” “Examples of Critical Reading,” and “Image Analysis,” all at historyprofessor.org.
  • Gretchen Morgenson, “A Vow to End Hollow Nods and Salutes” *New York Times*, 7 June 2014

September 6  Workshop: writing the past
Read

Week 3
Unit 1: Technology and Self Identity. Vaccination
September 11  21st Century Controversies

Post three noteworthy facts to Bb.

**Week 4**

**September 18** Films and discussion: polio vaccine film festival
- *Unconditional Surrender*, 1956. goo.gl/3ALZ7g
- *Babies and Breadwinners*, 1961. goo.gl/5twKg4

**September 20** The Antivaccinators

Post three noteworthy facts to Bb.

**Week 5**

**September 25** Workshop: Topics and sources

**September 27** The Experiments

Post three noteworthy facts to Bb.

**October 1 (Monday)**
- **Due on Bb, 5pm: primary source analysis.**

**Week 6**

**October 2** Primary source discussion
October 4  Peer review: **post your first draft and bring in two hard copies.**

**Week 7**

October 9  (NO CLASS. Monday classes meet.)

Unit 2: Technology and Communal Identity. Electricity and the Home, 1880-1960

October 11  The Current Debate


[Please read some of the comments as well.]

Post three noteworthy facts to Bb.

**Week 8**

October 16  Film and discussion


1pm. **Post your revised first essay to Bb. Bring first draft and comment sheets to class.**

October 18  Working Power


Post three noteworthy facts to Bb.

**Week 9**

October 23  Domestic power


Post three noteworthy facts to Bb.

October 25  Workshop: Topics and sources

October 29 (Monday)

- **Due on Bb, 5pm: primary source analysis.**
Week 10
October 30   Primary source discussion
November 1   Imperial power

Post three noteworthy facts to Bb.

Week 11
November 6   Peer review: **post your first draft and bring in two hard copies**

Unit 3: Technology and National Identity. Flight and the Nation, 1890-1970
November 8   Planes without pilots

Post three noteworthy facts to Bb.

Week 12
November 13  Man, woman, and machine

Post three noteworthy facts to Bb.
   • **Post your revised second essay to Bb.**

November 15  Aviation and national identity

Post three noteworthy facts to Bb.

Week 13
November 20  Aviation and control

Post three noteworthy facts to Bb.

November 22  NO CLASS (Thanksgiving)

**Week 14**

November 27  Film and discussion: *Night Flight*

November 29  Workshop: Topics and sources

December 3 (Monday)

• **Due on Bb, 5pm: primary source analysis.**

**Week 15**

December 4  Primary source discussion

December 6  Peer review: **post your first draft and bring in two hard copies**

**Exam period**

December 18 (Tuesday)

4:15pm. **Revised Unit 3 essays due on Blackboard.**
Administrative information


The University Catalog, http://catalog.gmu.edu, is the central resource for university policies affecting student, faculty, and staff conduct in university academic affairs. Other policies are available at http://universitypolicy.gmu.edu/. All members of the university community are responsible for knowing and following established policies.

In case of inclement weather, please call the main switchboard at 703-993-1000 or consult the main web page at http://www.gmu.edu/ to see if classes are cancelled. I expect to cancel class only when the university cancels all classes.

If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Services (ODS) at 703-993-2474. All academic accommodations must be arranged through the ODS. http://ods.gmu.edu.

Other Useful Campus Resources:

- Writing Center: A114 Robinson Hall; 703-993-1200; http://writingcenter.gmu.edu
- University Libraries “Ask a Librarian” http://library.gmu.edu/mudge/IM/IMRef.html
- Counseling and Psychological Services (CAPS): 703-993-2380; http://caps.gmu.edu

Citation and Collaboration.

All assignments are governed by the George Mason University honor code, which requires students to “pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.” See https://oai.gmu.edu/mason-honor-code/ for more information.

Except as instructed, you are expected to work independently and to acknowledge all sources, including assigned texts and materials found online. This course is designed to encourage the kind of collaboration that makes scholarship so much fun. While you are responsible for your own essays, you will get a great deal of help from each other identifying and interpreting primary and secondary sources, and revising your work. Please credit this help as appropriate. You may not submit work based whole or in part on work you have done for credit in other courses without written permission of the instructor. Turabian, A Manual for Writers of Research Papers, Theses, and Dissertations (on library reserve) should answer most questions about citation, but ask me if you need clarification. In general, any sentence in your work that can be traced to a single sentence in someone else’s work should bear a footnote. Any collaboration, such as consultation with the Writing Center, should also be acknowledged. Violations of academic integrity will be reported to the administration and may result in grade penalties, including failure of the course. Essays should use APA, MLA, or Chicago Manual of Style citation; Chicago is preferred. Nonstandard citation will not receive full credit.

Students must use their Mason email accounts to receive important University information, including messages related to this class. See http://masonlive.gmu.edu for more information.

Students are responsible for verifying their enrollment in this class. Schedule adjustments should be made by the deadlines published in the Schedule of Classes. (Deadlines each semester are published in the Schedule of Classes available from the Registrar's Website registrar.gmu.edu.) After the last day to drop a class, withdrawing from this class requires the approval of the dean and is only allowed for nonacademic reasons. Undergraduate students may choose to exercise a selective withdrawal. See the Schedule of Classes for selective withdrawal procedures.

Classroom Rules

- Laptops and tablets may be used to consult class readings in electronic form, provided they do not prove a distraction. Except by prior arrangement, phones may not be used for any purpose during class.
- Please do not eat in the classroom, before or during class.