Professor John L. Tone  
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Office hours: T, Th 1:30-2:30  
Teaching Assistant Xincheng Shen  
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Office hours: W, 12-2

Course Description
This course interrogates the history of disease and medicine to illuminate the past and present globally. It is an introductory course suitable for any student and carries no prerequisites. The course is required for the Health, Medicine, and Society minor degree. It also fulfills the social science requirement.

Requirements and Grading
To succeed in this class, you should complete all assigned reading, take reading notes, attend class, participate in discussion, and take lecture notes that you can study before exams. The scheduled quizzes cover material from readings. They are designed to encourage completion of reading and to provide you with feedback. I will drop your one lowest quiz grade. Exams are short answer, mostly filling in blanks and some multiple choice. Make-up exams are allowed in cases of illness and emergencies supported by appropriate documentation. Grades are determined as follows:

1. Exam 1: 20 points  
2. Exam 2: 20 points  
3. Final Exam: 40 points  
4. Quizzes: 20 points

A = 90 points  
B = 80 points  
C = 70 points  
D = 60 points  
F = fewer than 60 points

Reading
Reading is critical in any history class. Please complete readings in advance of class meetings, so that you can do well on quizzes and also participate in discussion. Most of the reading is freely accessible on line, on Canvas, or from a GT eJournal. You should print these selections.
and bring them to class when they are being taught and discussed. This is because I do not allow anyone to have open any electronic devices in class. There is one required book: Sherwin Nuland, *Doctors*. You should purchase new or used, any edition, and bring it to class when it is being used.

**Learning Outcomes**

Students will:

- demonstrate an understanding of the influence of disease on global history.
- demonstrate an understanding of key scholarly publications in the field.
- demonstrate an understanding of developments in medicine since the Renaissance.
- demonstrate knowledge of the interplay of social, political, and economic forces with the history of medicine and public health.
- demonstrate an understanding of the evolution of medical education.

**Course Policies**

- Students are expected to abide by the Georgia Tech Honor Code: [www.catalog.gatech.edu/rules/18b.php](http://www.catalog.gatech.edu/rules/18b.php)
- Students are not allowed to use electronic devices in class.
- Students can anticipate a respectful classroom environment. As a member of the Georgia Tech faculty, I aim to encourage learning and do my best to help each of you succeed. To review GT faculty and student expectations in this regard: [www.catalog.gatech.edu/rules/22.php](http://www.catalog.gatech.edu/rules/22.php)
- I am glad to grant accommodations for students with disabilities arranged in advance with the Office of Disability Services: [www.adapts.gatech.edu](http://www.adapts.gatech.edu)
Weekly Schedule

Week One
8/21: The Black Death
No reading

8/23: The Impact of the Black Death

Week Two
8/28: Smallpox and the Global Balance of Power
**Quiz 1**

8/30: Variolation, Vaccination, Eradication

Week Three
9/4: Revolutionary and Counterrevolutionary Diseases

9/6: **Exam 1**

Week Four
9/11: Ancient Legacies of Hippocrates and Galen
Read: Nuland, chs. 1-2.
9/13: The New Anatomy of Vesalius

Quiz 2
Read: Nuland, ch. 3.
And: Andreas Vesalius, De Humani Corporis Fabrica, preface at:
http://vesalius.northwestern.edu/
(Read the part of Vesalius’s preface beginning with “To the Divine Charles V…” and ending with the phrase “by whatever means I could.”)

Week Five
9/18: Harvey and the Circulation of the Blood
Quiz 3
Read: Nuland, ch. 5

9/20: Microscopy
View: http://www.youtube.com/watch?v=Q2ezDdKyRJc

Week Six
9/25: The French Revolution in Medicine, I
Read: Nuland, ch. 6.

9/27: The French Revolution in Medicine, II
Quiz 4
Read: Nuland, ch. 8

Week Seven
10/2: Surgery
Quiz 5
Read: Nuland, chs. 4, 7.

10/4: Anesthesia
Read: Nuland, ch. 10.

Week Eight
10/9: Fall break

10/11: Sanitation
Quiz 6
Read: Edwin Chadwick, Inquiry into the Sanitary Conditions of the Labouring Population at:
http://www.victorianweb.org/history/chadwick2.html
Week Nine
10/16: Cholera and Public Health

**Quiz 7**
And view carefully his brilliant map: [http://www.ph.ucla.edu/epi/snow/snowmap1_1854_lge.htm](http://www.ph.ucla.edu/epi/snow/snowmap1_1854_lge.htm)

10/18: Germ Theory I
Read: Nuland, chs. 9.

Week Ten
10/23: Germ Theory II
Read: Nuland, ch. 12.

10/25: **Exam 2**

Week Eleven
10/30: Malaria

**Quiz 8**
Read: Margaret Humphreys, *Malaria*, 8-29, on Canvas.
Also click and read "biology" and "malaria worldwide" at: [http://www.cdc.gov/malaria/about/index.html](http://www.cdc.gov/malaria/about/index.html)

11/1: Yellow Fever
Film: The Great Fever

Week Twelve
11/6: Yellow Fever II, Discussion of Film

11/8: The Cell as Seat of Disease
Read: Nuland, ch. 11.
Week Thirteen
11/13: Antibiotics

11/15: Medical Education I
Read: The Flexner Report, introduction and chs. 1-3, on Canvas.
Quizz 9

Week Fourteen
11/20: Medical Education II
Quizz 10
Read: Nuland, ch. 13.

11/22: Thanksgiving

Week Fifteen
11/27: Tuberculosis
Quizz 11
11/29: The AIDS epidemic
Read: HIV "Basics" at: http://www.cdc.gov/hiv/

Week Sixteen
12/3: Review for Final Exam

The final exam is scheduled for December 6, 2:40-5:30 pm.