Book Adoptions for SP 2019-20

Prepared Thursday, February 20, 2020

This document lists the required and optional textbooks for Caltech courses offered during the SP 2019-20 term. Not all courses are listed. Only those courses for which the Registrar has solid information are listed.

This document is updated as more information comes in from instructors.

Please consult the Library Catalog (TIND) to view class course reserves. Course reserves are available in the Sherman Fairchild Library only. Reserve material is available for 3-hour checkout.

Changes in the last 7 days

Ch 021C
Ch 102
ChE105
Hum/H 008B
Ma 001C
Ph 012C
Ph 106C
SS 222C
BUSINESS, ECONOMICS, AND MANAGEMENT

BEM104. Investments.

Instructor: Richard Roll

Required textbooks:

CHEMICAL ENGINEERING

CHEMISTRY

Ch 102. Introduction to Inorganic Chemistry.

Instructors: Ryan Hadt, Kimberly See

Required textbooks:

COMPUTER SCIENCE

CS 038. Algorithms.

Instructor: Leonard Schulman

Suggested textbooks:

Notes for students:
Recommended but not required.


Instructor: Leonard Schulman

Suggested textbooks:

Notes for students:
Recommended but not required.
ECONOMICS

Ec 140. Economic Progress.
Instructor: Philip Hoffman

Required textbooks:

ENGLISH

En 114. Shakespeare's Career: Tragedies and Tragicomedies.
Instructor: George Pigman

Required textbooks:

GEOLOGY

Ge 001. Earth and Environment.
Instructor: Paul Asimow

Required textbooks:

Notes for students:
Please ensure that you get a copy of this book that has revisions made between the third and fourth printing of the 2nd edition.

HUMANITIES

Hum/H 008B. Civilization, Science, and Archaeology: The Development of Science from Babylon though the Renaissance.
Instructor: Jed Buchwald

Required textbooks:
Hum/H 009B. European Civilization: Early Modern Europe.

**Instructor:** Philip Hoffman

**Required textbooks:**

**LANGUAGES**

L 170C. Introduction to Chinese.

**Instructor:** Xiangyun Wang

**Required textbooks:**

L 172C. Intermediate Chinese.

**Instructor:** Xiangyun Wang

**Required textbooks:**

**MATHEMATICS**

Ma 001C (Practical). Calculus of One and Several Variables and Linear Algebra.

**Instructor:** Matthias Flach

**Required textbooks:**
MUSIC

Mu 139. History III: Music History from 1850 to the Present.

Instructor: Thomas Neenan

Required textbooks:
- Ross, Alex; *The Rest Is Noise*, Picador, ISBN: 978-0312427719

Notes for students:
Frisch is available in various formats including Kindle from Sherman-Fairchild. Ross is an inexpensive paperback. You may be order to borrow used copies from other students who have taken Mu139 in the past. You must have access to both books in order to complete the work.

PHYSICS

Ph 001C (Analytical). Classical Mechanics and Electromagnetism.

Instructor: David Hsieh

Required textbooks:
- Purcell, EM,Morin, DJ; *Electricity and Magnetism (3)*, ISBN: 978-1107014022

Ph 012C. Waves, Quantum Physics, and Statistical Mechanics.

Instructor: David Simmons-Duffin

Required textbooks:

Ph 106C. Topics in Classical Physics.

Instructors: Sunil Golwala, Nicholas Hutzler

Required textbooks:
Suggested textbooks:
Heald, Mark A., Marion, Jerry B.; *Classical Electromagnetic Radiation (3)*, Dover, 2012. ISBN: 978-0486490601
Brooker, Geoffrey; *Modern Classical Optics*, . ISBN: 978-0198599654
Born, Max, Wolf, Emil; *Principles of Optics*, . ISBN: 978-0521642224

### SOCIAL SCIENCE

**SS 222C. Econometrics.**

Instructor: Robert Sherman

**Required textbooks:**

### VISUAL CULTURE

**VC 169. The Arts of Dynastic China.**

Instructor: Juliann Wolfgram

**Required textbooks:**

**Suggested textbooks:**

**Notes for students:**
These five texts are recommended for purchase. The course is actually a Zero Textbook Cost course.