Book Adoptions for SP 2019-20
Prepared Friday, February 28, 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

EE 040
En 134
L 102C
Ph 001C
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:

ELECTRICAL ENGINEERING

ENGLISH

En 114. Shakespeare's Career: Tragedies and Tragicomedies.

Instructor: George Pigman

Required textbooks:

En 134. The Career of Herman Melville.

Instructor: Cindy Weinstein

Required textbooks:
Herman Melville; *Moby-Dick, or the Whale*, Northwestern-Newberry, 1988. ISBN: 0810102692
Herman Melville; *Billy Budd, Bartleby, and Other Stories*, Penguin Classics, 2016. ISBN: 0143107607

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 through the Renaissance.**
Instructor: Jed Buchwald

**Required textbooks:**

**Hum/H 009B. European Civilization: Early Modern Europe.**
Instructor: Philip Hoffman

**Required textbooks:**

**LANGUAGES**

**L 102C. Elementary French.**
Instructor: Christiane Orcel

**Required textbooks:**
Notes for students:

e-version also acceptable

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:
Jerrold E. Marsden, Anthony Tromba; Vector Calculus (6), W.H.Freeman, . ISBN: 978-1429215084

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
Frisch, Walter; Music In The Nineteenth Century, Norton, . ISBN: 978-0393929195

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 001C (Practical). Classical Mechanics and Electromagnetism.**

**Instructor:** Jason Alicea

**Required textbooks:**

Serway, Raymond A., Jewett, John W.; *Physics for Scientists and Engineers (9th Edition)*, . ISBN: 978-1133947271

**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
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.