



Materials List for Online Courses

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Acquiring Course Materials

This list explains what materials are required or optional for each course.

- Students should talk to their site coordinators to see if materials are already available through the school. Otherwise, several purchasing options exist.
- New and used course materials can be purchased by credit card from MBS Direct at <http://direct.mbsbooks.com/apexlearning.htm> or 1-800-325-3252.
- For purchase orders, contact your usual school sources or contact Apex Learning directly at 1-800-453-1454, option 2 or support@apexlearning.com.
- Students can also purchase materials from other sources or borrow them from the library.
- **Prices are subject to change** based on the textbook publishing market. Prices include ground-shipping fees but not tax.

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ADVANCED PLACEMENT

AP* Biology

Required lab manual purchase (by student or school)³

Students can conduct either hands-on labs or dry labs.³ Hands-on labs require a lab supervisor, the lab materials listed at <http://www.apexlearning.com/olcstart>, and the lab manual below. Dry labs only require the lab manual.

- *AP Biology Lab Manual For Students*. The College Board, 2002. \$27.60.

Optional textbook²

- *Biology*. 7th ed., Campbell and Reece, Benjamin/Cummings, c2005. ISBN 080537146X, \$158.15
Alternate edition also acceptable: 6th ed., 2002. ISBN: 0201751496

AP Calculus AB

Required purchase (by student or school)¹

- TI-84 Plus, TI-83, or TI-83 Plus calculator. Read "Getting Started" and chapter 1 in the TI Guidebook before the course starts.

Optional textbooks²

- *Single Variable Calculus*. 5th ed. James Stewart. Brooks/Cole Publishing, 2003. ISBN: 0534393667, \$134.00
Alternate edition also acceptable: 4th ed., 1999. ISBN: 0534355625.
- *Calculus of a Single Variable*. 2nd ed. Jeffery A. Cole, Michael Olinick, Dennis Pence, and Earl W. Swokowski. PWS, 1994. ISBN: 0534939244, \$162.15.
- *Cracking the AP Calculus AB & BC Exams*: 2004-2005. David S. Kahn. The Princeton Review, 2004. ISBN: 0375763813, \$21.85.

AP Chemistry

Optional lab materials³

- Students conducting hands-on labs will need a lab supervisor and the materials as described at http://www.apexlearning.com/onlinekit/olc/olc_cat.asp. Each laboratory activity is self-contained; no manual is needed. A collection of lab reports is comparable to a lab manual or notebook.

Optional textbooks²

- *Peterson's AP Chemistry*. Brett Barker. Arco, Thomson Learning, 2004. ISBN: 0768918286, \$21.80.
- *Chemistry & Chemical Reactivity*, 6th ed., John C. Kotz and Paul Treichel, Jr. Brooks/Cole Thompson Learning, 2005. ISBN: 053499766X, \$167.35
Alternate edition also acceptable: 5th ed., 2003. ISBN: 003033604X
- *Chemistry*, 6th ed., Steven S. Zumdahl and Susan A. Zumdahl. Houghton Mifflin Company, 2003. ISBN: 0618221565, \$163.90.
Alternate edition also acceptable: 5th ed., 2000. ISBN: 0618035915

AP English Language and Composition

Required purchase (by student or school)

- *The Norton Reader*. 11th ed. John C. Brereton, Joan E. Hartman, and Linda H. Peterson. W.W. Norton & Company, 2004. ISBN: 0393978877, \$53.75.
Alternate edition also acceptable: 10th ed., 1996, ISBN: 0393973832
- *Writing, A College Handbook*. 5th ed. James Heffernan, John E. Lincoln and Janet Atwill. W. W. Norton & Company, 2000. ISBN: 039397426X, \$60.65.

Materials List for Apex Learning Online Courses

AP English Literature and Composition

Required purchase for both semesters (by student or school)

- *The Norton Anthology of Poetry*. 5th ed. Ferguson, Salter et al, eds. W.W. Norton & Company, 2005. ISBN: 0393979202, \$81.50
Alternate edition also acceptable: 4th ed., 1996. ISBN: 0393968200
- *The Story and Its Writer: An Introduction of Short Fiction*. Compact 6th ed. Ann Charters, ed. Bedford/St. Martins, 2002. ISBN: 0312397313, \$52.35
Alternate edition also acceptable: 5th ed., 1998. ISBN: 0312171641

First semester required purchase (by student or school)

- *Their Eyes Were Watching God*. Zora Neale Hurston. HarperCollins, 1999. ISBN: 0060931418, \$16.05
- *Hedda Gabler*. Henrik Ibsen. ISBN: 0486264696, \$1.75.
- *A Streetcar Named Desire*. Tennessee Williams. ISBN: 0451167783, \$9.20.
- *Twelfth Night*. William Shakespeare. Mowat & Werstine, eds. Washington Sq. Press, 1993. ISBN: 0743482778, \$5.75.

Second semester required purchase (by student or school)

- *The Great Gatsby*. F. Scott Fitzgerald. Simon and Schuster, 1995. ISBN: 0684801523, \$14.90.
- *Annie John*. Jamaica Kincaid. Farrar, Straus and Giroux, 1997. ISBN: 0374525102, \$12.65.
- *Jane Eyre* (Penguin Classics). Charlotte Bronte. Michael Mason, ed., Curren Bell, preface. Penguin USA, 1996. ISBN: 0142437204, \$9.20.

AP French Language

Required materials

- Microphone/headset, speakers, and a French language dictionary.

AP Macroeconomics

Optional textbooks²

- *Macroeconomics for Today*, 4th edition, ed. Irvin B. Tucker, South-Western/Thomson Learning, 2005. ISBN: 0324301979, \$111.00
Alternate edition also acceptable: 3rd edition, 2003. ISBN: 0324114761.

AP Microeconomics

Optional textbooks²

- *Microeconomics for Today*, 4th edition, ed. Irvin B. Tucker, South-Western/Thompson Learning, 2005. ISBN: 0324301928, \$111.00
Alternate edition also acceptable: 3rd ed., 2003. ISBN: 032411477X

AP Physics B

Required purchase (by student or school)¹

- TI-84 Plus, TI-83, or TI-83 Plus calculator. Read “Getting Started” and chapter 1 in the TI Guidebook before your course starts.
- *Schaum’s Outline of College Physics*. 9th ed. Frederick J. Bueche and Eugene Hecht. McGraw-Hill, 1997. ISBN: 0070089418, \$19.50

Optional lab materials³

- Students conducting the hands-on labs will need a lab supervisor and lab materials as described at http://www.apexlearning.com/onlinekit/olc/olc_cat.asp. Otherwise, the labs can be completed online, without the materials. Each laboratory activity is self-contained; no manual is needed. A collection of lab reports is comparable to a lab manual or notebook.

Materials List for Apex Learning Online Courses

AP Psychology

Required purchase (by student or school)

- (Summer School only) *Essentials of Psychology: Exploration and Application*. 9th ed. Coon, Dennis. Wadsworth/Thomson Learning, 2003. ISBN 0534597874. \$81.65.
Alternate edition also acceptable: 8th ed, 1999. ISBN: 0534264255
- (Summer School only) *Barron's How to Prepare for the Psychology Advanced Placement Examination*. McEntarffer, Robert and Weseley, Allyson. Barron's Educational Series, 2004 ISBN 0764123491 \$19.50
Alternate edition also acceptable: 2000 edition. ISBN: 0764109596
- (Fall 2005) *Psychology*, 7th ed. David G. Myers, c2004. ISBN 0716752514. \$110.00

AP Spanish Language

Required materials

- Microphone/headset, speakers/headphones and a Spanish language dictionary

AP Statistics

Required purchase (by student or school)¹

- TI-84 Plus, TI-83, or TI-83 Plus calculator. Read “Getting Started” and chapter 1 in the TI Guidebook before your course starts.

Optional textbooks²

- *Barron's How to Prepare for the AP Statistics: Advanced Placement Test in Statistics*. 3rd ed. Martin Sternstien. Barron's. ISBN: 0764121936, \$19.50.
- *Introduction to Probability & Statistics*. 12th ed. William Mendenhall, Robert J. Beaver, and Barbara M. Beaver. Brooks/Cole Thompson Learning Incorporated. 2005. ISBN: 0534418708, \$126.20.
 - Alternate edition also acceptable: 11th ed. 2003. ISBN: 0534395198

AP U.S. Government and Politics

Required purchase (by student or school)

- *Lanahan Readings in the American Polity*. 3rd ed. Ann G. Serow and Everett C. Ladd. Lanahan Publishing 2003. ISBN: 1930398034, \$37.95.
- *American Government*. 8th ed. Theodore J. Lowi, Benjamin Ginsberg, and Kenneth A. Shepsle. W. W. Norton & Co., 2004. ISBN: 0393924823, \$95.50.
 - Alternate edition also acceptable: 7th ed., 2002, ISBN: 0393977072
 - Alternate edition also acceptable: 6th ed., 2000, ISBN 0393974715

AP U.S. History

Required purchase (by student or school)

- *America, A Narrative History*. 6th ed. George Tindall and David. E. Shi. W.W. Norton & Co. 2003 ISBN: 0393978125, \$81.35.
Alternate edition also acceptable: 5th ed. 1999 ISBN: 0393973395

Materials List for Apex Learning Online Courses

WORLD LANGUAGE

French I

Required materials

- Microphone/headset and speakers and any French-English, English-French Dictionary

French II

Required materials

- Microphone/headset and speakers and any French-English, English-French Dictionary

Spanish I

Required materials

- Microphone/headset and speakers and any Spanish-English English-Spanish Dictionary

Spanish II

Required materials

- Microphone/headset and speakers and any Spanish-English English-Spanish Dictionary

CORE CURRICULUM

Algebra I

No required materials for this course

Algebra II

No required materials for this course

American Literature (*available summer school 2005 only*)

Required purchase (by student or school)

- *The Language of Literature* (Grade 11). Applebee McDougal Littell 2000, ISBN 0395931819 \$100.00.
- *A Separate Peace*, Knowles, John. Prentice Hall, 1985, ISBN 0743253973 \$10.35 (other editions OK)
- *Joy Luck Club*, Tan, Amy. Prentice Hall, 1994, ISBN: 0804106304 \$9.20 (other editions OK)

Biology

Required lab manual purchase

- *Biology-Exploring Life*. Prentice Hall. c2004. ISBN 0130642665 \$19.30

Chemistry

Required purchase (by student or school)⁴

- *Modern Chemistry*, Davis et.al., Holt Rinehart & Winston, 2002. ISBN 0030565375 \$98.35
- Scientific calculator (displays scientific notation and converts units), ¼-inch or 1 cm graph paper, ruler.
- Access to a chemistry lab at a school, a lab supervisor and lab materials as described at http://www.apexlearning.com/onlinekit/olc/olc_cat.asp. Each laboratory activity is self-contained; no manual is needed. A collection of lab reports is comparable to a lab manual or notebook.

Materials List for Apex Learning Online Courses

Earth Science (available Fall 2005)

Required purchase (by student or school)⁴

- *Prentice Hall's Earth Science Lab Manual*, Edward J. Tarbuck, Frederick Lutgens, c2006, Prentice Hall ISBN 0131258982 \$16.35

English I: Introduction to Literature and Composition

First semester required purchase (by student or school)

- *Impact: Fifty Short Short Stories*, Second Edition, ©1996, Publisher: Holt, Reinhart, and Winston (1996), ISBN: 003008623X, \$48.60

Second semester required purchase (by student or school)

- *The Best Poems Ever: A Collection of Poetry's Greatest Voices* (Scholastic Classics) by Edric S. Mesmer (Editor) ISBN: 0439296749. \$4.60
- *The Odyssey* by Homer (Author), Robert Fagles (Translator), Bernard Knox (Introduction), Publisher: Penguin USA (Paper); 1 edition (November 29, 1999) ISBN: 0140268863, \$17.20 (other editions ok)
- *Romeo and Juliet and West Side Story*, edited by Norris Houghton. Laurel Leaf; Reissue edition (August 15, 1965) ISBN: 0440974836, \$7.50 (other editions ok)

English II: Critical Reading and Effective Writing (available Fall 2005)

First semester required purchase (by student or school)

- *Impact: Fifty Short Short Stories*, Second Edition, ©1996, Publisher: Holt, Reinhart, and Winston (1996), ISBN: 003008623X, \$48.60
- *The Best Poems Ever: A Collection of Poetry's Greatest Voices* (Scholastic Classics) by Edric S. Mesmer (Editor) ISBN: 0439296749. \$4.60
- *Joy Luck Club*, Tan, Amy. Prentice Hall, 1994, ISBN: 0804106304 \$9.20 (other editions OK)
- *The Crucible* Arthur Miller c1976. Penguin Books. ISBN: 0140481389, \$12.65. (other editions ok)

Second semester required purchase (by student or school)

- *A Separate Peace*, Knowles, John. Prentice Hall, 1985, ISBN 0743253973 \$10.35 (other editions OK)
- *Much Ado About Nothing* William Shakespeare: edited by David L. Stevenson, c1998. Penguin Books. ISBN: 451526813, \$5.70 (other editions ok)

Geology (available summer school 2005 only)

Required purchase (by student or school)

- *Modern Earth Science*, Ramsey W. Holt Rinehart & Winston, 2002, ISBN 0030565332 \$95.15
- Apex Learning Rock and Mineral Set, available only from MBS Direct and Apex Learning \$63.85
- Drafting compass, protractor, set of colored pencils, geologic Hand lens (“lupe”)

Geometry

No required materials for this course

HTML, Dynamic HTML, and Scripting

Required purchase (by student or school)

- *HTML for the World Wide Web with XHTML and CSS: Visual QuickStart Guide*. 5th ed. Elizabeth Castro. Peachpit Press, 2000. ISBN 0321130073 \$25.30
- *Javascript for the World Wide Web: Visual Quickstart Guide*. 5th ed. Tom Negrino and Dori Smith. Peachpit Press, 2004. ISBN 032119439X \$25.30
- Basic text editor for HTML (Notepad or WordPad) and WinZip (PC) or Stuffit (Mac).

Optional Materials²

- *HTML & XHTML: the Definitive Guide*. 5th ed. Musciano, Chuck and Kennedy, Bill. O’Reilly and Associates, 2000. ISBN 059600382X, \$45.95, or similar reference guide covering HTML 4.0, CSS (Cascading Style Sheets), and CSSP (Cascading Style Sheet Positioning). May be available for free online.
- Advanced HTML editor such as HomeSite by Allaire Corp or shareware from Evrsoft: <http://www.evrsoft.com/download/>

Materials List for Apex Learning Online Courses

Introductory Algebra

No required materials for this course

Math Fundamentals

No required materials for this course

Skills for Health (available Fall 2005)

No required materials for this course

U.S. Government and Politics

Required purchase (by student or school)⁵

- *West's American Government*. 2nd ed. Roger LeRoy Miller. Glencoe McGraw-Hill. 1999. ISBN 0314141162, \$90.55. (also known as *NTC's American Government*)

U.S. History

Required purchase (by student or school)⁵

- *United States History: In the Course of Human Events*. Matthew T. Downey, James R. Giese, and Fay D. Metcalf. NTC/Glencoe McGraw-Hill, 1997. ISBN 0314040218, \$92.00

World History

No required materials for this course

¹A Texas Instruments TI-83, TI-83 Plus, TI-84 Plus, or TI-84 Plus Silver Edition graphing calculator (\$90-\$140) and Guidebook are required for many science and math courses. Call 800-842-2737 to locate a vendor. If you're not familiar with how to use your TI graphing calculator, read and follow Chapter 1 in the Calculator Guidebook to familiarize yourself with the basics. Then read and follow the "Getting Started" sections for the chapters on Function Graphing (for the Algebra, Precalculus, and AP Calculus courses), or the chapter on Statistics (for the AP Statistics course). If you don't have a guidebook with your calculator, you can download chapters from <http://education.ti.com/us/product/tech/83pse/guide/guides.html> (for the TI-83 Plus and Silver Edition), or <http://education.ti.com/us/product/tech/83/guide/83guideus.html> (TI-83) or <http://education.ti.com/us/product/tech/84pse/guide/guidesgs.html> (for the TI-84 Plus and Silver Edition).

²Optional textbooks are referenced in the course, but are not required reading. They are intended as an additional resource, for use as desired.

³Labs are a required part of all AP science courses (in accordance with The College Board's guidelines). Most online AP courses offer students the choice between conducting hands-on lab experiments in the high school science lab or completing dry/virtual labs. Some colleges will only grant credit to students who have completed the hands-on labs and may require a completed lab manual as proof of actual lab experiments. Contact the college(s) for complete credit requirements. For all science courses that include activities to be done in a laboratory setting, Apex Learning requires that students do these activities only in a laboratory setting while supervised by a staff person qualified to supervise laboratory activities. To find out more about the labs and lab materials, go to http://www.apexlearning.com/onlinekit/olc/olc_cat.asp.

⁴General studies science students conduct experiments in the high school lab and at home. School personnel must supervise the labs at school, and students should follow all normal safety precautions for the at-home labs (no adult supervision required). For a list of required lab materials and equipment, go to http://www.apexlearning.com/onlinekit/olc/olc_cat.asp.

⁵Course is designed to use the most widely state-approved textbook, however other state-approved textbooks may also be used.