



Materials Listing

While most IVHS class content is found entirely online, some classes do have required materials not found online (the majority of these are AP classes). In addition, some language arts courses require students to obtain copies of well known literature at their school, local library or bookstore. If that is necessary, these works will be listed in our Materials Listing as well.

IVHS loans required materials to students approved in the classes for the duration of the class at no extra charge. IVHS will ship the materials at our expense as soon as possible after the student is approved in the class and the term has begun. Online classes have activities in them sufficient to allow students to begin work without the materials, until they arrive. IVHS expects class materials to be returned (shipped at the expense of the local school or student) upon completion of the class or withdrawal of the student. Any exceptions to this expectation are noted within the materials list. While IVHS makes every attempt to cooperate with local schools and students regarding lost materials, IVHS does reserve the right to pass on the expense of material replacement to the local school, should materials not be returned.

During the Fall and Spring terms, materials are sent to the student's local school/district IVHS contact unless other arrangements are made in advance. During the summer term, materials are sent directly to the student at their home address as entered into the IVHS system at the time of their class registration request.

Materials loaned to students who do NOT attend Chicago Public Schools should be returned at the conclusion of a course (or upon student withdrawal) to **Illinois Virtual High School, c/o Maria Gottschalk, 1818 S 4th Street, Springfield, IL 62703.**

All Chicago Public Schools are required to return IVHS course materials 1) when students are dropped; 2) at the end of the semester. For their convenience, please ship materials to: **Dr. Sandi Atols, Manager of Distance Learning, Office of High School Programs, 125 S. Clark, 12th floor, Chicago, IL 60603 Mail Run 125.**

Business and Economics

AP Macroeconomics

Required materials provided by IVHS:

- ISBN 068486214X *The Worldly Philosophers: The Lives, Times and Ideas of the Great Economic Thinkers.* Heilbroner, Robert L. 7th edition. Simon and Schuster Trade, July 1999.
- ISBN 0764112740 *Economics.* Wessels, Walter J. 3rd edition. Barron's, September 2000

AP Microeconomics

Required materials provided by IVHS:

- ISBN 0072875615 *Microeconomics.* McConnell, Campbell R. and Brue, Stanley L. 16th edition. McGraw-Hill. February 2004.
- ISBN 0130910503 *The Making of Economic Society.* Heilbroner, Robert L. and Milberg, William S. 11th edition. Prentice Hall. January 2002
- ISBN 0764112740 *Economics.* Wessels, Walter J. 3rd edition. Barron's, September 2000

The following courses in the Business and Economics area do not require extra materials. All course content is found online.

**Business and Personal Protocol
Business Communications
Consumer Education
Macroeconomics
Personal Economics and Finance**

Career Planning

The following courses in the Career Planning area do not require extra materials. All course content is found online.
Career Planning

Computer Science and Information Technology

Assembly Language Programming

Required materials provided by IVHS:

- ISBN 013030655X IBM PC Assembly Language and Programming. Abel, Peter. 5th ed. Prentice Hall, 2001.

Required software provided by IVHS within the course:

- Borland Turbo Assembler 5

The following courses in the Computer Science and Information Technology area do not require extra materials. All course content is found online.

CCNA (Cisco Certified Network Associate) Preparation

Introduction to HTML

Introduction to Web Design

Networking Basics

Fine Arts

Art History – Earliest Beginnings to Classical Art

- ISBN 0871922991 Discovering Art History. Brommer, Gerald F. 3rd edition. Davis Publication, Inc. January 1997.

Art History – From the Renaissance to Twentieth Century Art

- ISBN 0871922991 Discovering Art History. Brommer, Gerald F. 3rd edition. Davis Publication, Inc. January 1997.

Introduction to Theatre

Required materials provided by IVHS:

- ISBN 0844251003 An Introduction to Theatre and Drama. Cassady, Marshall & Pat. Chicago: National Textbook Company. 1997.
- ISBN 0844258687. Theatre: An Introduction. Cassady, Marshall. Chicago: National Textbook Company. 1997.
- "Into the Woods" starring Bernadette Peters and the Original Broadway Cast, © 1990, VHS or DVD format.

Health

The following courses in the Health area do not require extra materials. All course content is found online.

Health: 1st semester content

Health: 2nd semester content

Personal and Interpersonal Development

Language Arts

AP English Language and Composition

Required materials provided by IVHS:

- ISBN: 0393978877 The Norton Reader. Brereton, John C. and Peterson, Linda H. 11th ed. W.W. Norton & Co. 2004. (10th edition ISBN: 0393973832 is also acceptable)
- ISBN: 039397426X Writing, A College Handbook. Heffernan, James; Lincoln, John E.; and Atwill, Janet. 5th ed. W. W. Norton & Company. 2000.

AP English Literature and Composition

Required materials provided by IVHS:

- ISBN: 0393979202 The Norton Anthology of Poetry. 5th ed. Ferguson, Margaret; Salter, Mary Jo et al, eds. W.W. Norton & Company. 2005. (needed for both semesters) (4th edition ISBN: 0393968200 is also acceptable)
- ISBN: 0312397313 The Story and Its Writer: An Introduction of Short Fiction. Compact 6th ed. Charters, Ann, ed. Bedford/St. Martins. 2002. (needed for both semesters) (7th edition ISBN: 0312442718 and 5th edition ISBN: 0312171641 are also acceptable)
- ISBN: 0671722948 Twelfth Night. Shakespeare, William. Mowat & Werstine, eds. Washington Sq. Press. 1993. (needed for first semester only)

Required materials for first semester available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- Their Eyes Were Watching God. Hurston, Zora Neale.
- Hedda Gabler. Ibsen, Henrik.
- A Streetcar Named Desire. Williams, Tennessee.

Required materials for second semester available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- The Great Gatsby. Fitzgerald, F. Scott.
- Annie John. Kincaid, Jamaica.
- Jane Eyre. Bronte, Charlotte

American Literature 1: 1st semester content

Required materials available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- The Great Gatsby. Fitzgerald, F. Scott.

American Literature 1: 2nd semester content

Required materials available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- The House on Mango Street. Cisneros, Sandra.

British Literature: 1st semester content

Required materials provided by IVHS:

- The 13th Warrior. Starring Antonio Banderas, Diane Venora, Dennis Storhoi, and Vladimir Kulich. DVD format.

Required materials available locally. (If a student does not have access locally, they should contact their IVHS instructor.)

- The Hobbit. Tolkien, J. R. R.
- Macbeth, Shakespeare, William.

British Literature: 2nd semester content

Required materials available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- Brave New World. Huxley, Aldous.
- Mortal Engines. Reeve, Philip.

Creative Writing

Required materials provided by IVHS:

- ISBN 0155053019 The College Handbook of Creative Writing. DeMaria, Robert. 3rd Edition. New York: Harcourt Brace College Publishers. 1998.
- ISBN 0844257168 The Creative Writer's Craft: Lessons in Poetry, Fiction and Drama. Bailey, Rick et al eds. Lincolnwood, IL NTC Publishing Group, 1999.

Required materials available locally. (If a student does not have access locally, they should contact their IVHS instructor.)

- Student will be required to have a photo of a younger version of themselves in digital format. This could require access to a scanner.

English I: 1st semester content

Required materials available locally. (If a student does not have access to this book locally, they should contact their IVHS instructor.)

- Of Mice and Men. Steinbeck, John.

English II: 2nd semester content

Required materials available locally. (If a student does not have access to this book locally, they should contact their IVHS instructor.)

- Fahrenheit 451. Bradbury, Ray.

Language Arts 6th, 7th, and 8th grades

Reading lists can be found within the courses. Students should be able to obtain a sufficient number of books through their school library, public library or bookstore.

World Literature: 1st semester content

Required materials provided by IVHS:

- Photocopy of the poem *Afternoon* by Dorothy Parker. (Used with permission from NAACP.)

Required materials available locally. (If a student does not have access to these books locally, they should contact their IVHS instructor.)

- Their Eyes Were Watching God. Hurston, Zora Neale.

The following courses in the Language Arts area do not require extra materials. All course content is found online.

Beginning Composition**English I: 2nd semester content****English II: 1st semester content****Mathematics****AP Calculus AB**

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

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

Optional¹ materials.

- ISBN: 0534939244. Calculus of a Single Variable. 2nd ed. Jeffery A. Cole, Michael Olinick, Dennis Pence, and Earl W. Swokowski. PWS. 1994.
- ISBN: 0375763813. Cracking the AP Calculus AB and BC Exams: 2004-2005. David S. Kahn. The Princeton Review. 2004

AP Statistics

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

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

Optional¹ materials.

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

Algebra II – first semester content

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

- TI-83 or TI-83 plus calculator is strongly recommended, but any graphing calculator will suffice. Read "Getting Started" and chapter 1 in the TI Guidebook before the course starts. The course will refer to the TI-83 calculator when explaining how to use the graphing calculator. If you are using a different calculator, it will be up to you to read through the manual supplied with your calculator and determine how to accomplish the comparable task.

Algebra II – second semester content

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

- TI-83 or TI-83 plus calculator is strongly recommended, but any graphing calculator will suffice. Read "Getting Started" and chapter 1 in the TI Guidebook before the course starts. The course will refer to the TI-83 calculator when explaining how to use the graphing calculator. If you are using a different calculator, it will be up to you to read through the manual supplied with your calculator and determine how to accomplish the comparable task.

Calculus and Analytical Geometry I

Required materials provided by IVHS:

- ISBN 1579550134. Calculus and Mathematica CD-ROM. Math Everywhere, Inc.
- Mathematica Wolfram Research, Inc. (Wolfram does not need to be returned to IVHS.)

Calculus and Analytical Geometry II

Required materials provided by IVHS:

- ISBN 1579550134. Calculus and Mathematica CD-ROM. Math Everywhere, Inc.
- Mathematica Wolfram Research, Inc. (Wolfram does not need to be returned to IVHS.)

Precalculus I – first semester content: Analytic Geometry and Algebra

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

- TI-83 or TI-83 plus calculator is strongly recommended, but any graphing calculator will suffice. If you have a TI-83 or TI-83 plus, read "Getting Started" and chapter 1 in the TI Guidebook before the course starts. If you are using a different calculator, it will be up to you to read through the manual supplied with your calculator and determine how to accomplish the comparable tasks.

Optional¹ materials.

- Any Precalculus textbook would be a beneficial resource for this class. A specific text is not suggested. Sources to locate a text locally could be your local high school math department, or an online site offering used textbooks.

Precalculus I – second semester content: Trigonometry

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

- TI-83 or TI-83 plus calculator is strongly recommended, but any graphing calculator will suffice. If you have a TI-83 or TI-83 plus, read "Getting Started" and chapter 1 in the TI Guidebook before the course starts. If you are using a different calculator, it will be up to you to read through the manual supplied with your calculator and determine how to accomplish the comparable tasks.

Optional¹ materials.

- Any Precalculus textbook would be a beneficial resource for this class. A specific text is not suggested. Sources to locate a text locally could be your local high school math department, or an online site offering used textbooks.

The following courses in the Math area do not require extra materials. All course content is found online.

Algebra I: 1st semester content

Algebra I: 2nd semester content

Geometry: 1st semester content

Geometry: 2nd semester content

Pre-Algebra: 1st semester content

Pre-Algebra: 2nd semester content

Science

AP Biology

Required materials provided by IVHS:

- ISBN: 080537146X. Biology. 7th ed. Campbell, Neil A. and Reece, Jane B. Benjamin/Cummings, 2005. (6th edition ISBN: 0805366245 is also acceptable)
- ISBN: 0764586823. Cliffs AP Biology. 2nd ed. Phillip Pack. Wiley, John & Sons, Incorporated. 2001.
- AP Biology Lab Manual For Students. The College Board. 2002. (THE LAB MANUAL DOES NOT NEED TO BE RETURNED, BUT ALL OTHER AP BIOLOGY MATERIALS ARE ON LOAN ONLY.)

AP Chemistry

Required materials provided by IVHS:

- ISBN: 1577660617 Inquiries Into Chemistry. 3rd ed. Abraham, Michael R. and Pavelich, Michael J. Waveland Press. November 1999. (THE INQUIRIES INTO CHEMISTRY BOOK DOES NOT NEED TO BE RETURNED, BUT ALL OTHER AP CHEMISTRY MATERIALS ARE ON LOAN ONLY.)
- ISBN: 061852844X. Chemistry. 7th ed. Zumdahl, Steven S. and Susan A. Houghton Mifflin Company. December 2005. (6th edition ISBN: 0618221565 or 5th edition ISBN: 0395985811 are also acceptable)
- ISBN: 076458684x. Cliffs AP Chemistry. 3rd ed. Gary Thorpe. Wiley, John & Sons, Incorporated. 2001.

Required materials available locally. (If a student does not have access to these materials locally, they should contact their IVHS instructor.)

- 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[†] materials.

- ISBN: 0768918286. Peterson's AP Chemistry. Barker, Brett. Arco, Thomson Learning. December 2004.
- ISBN: 0534408001. Chemistry & Chemical Reactivity. 6th ed. Kotz, John C. and Treichel, Paul Jr. Brooks/Cole Thompson Learning. July 2005. (5th edition ISBN: 003033604X is also acceptable)

AP Environmental Science

Required materials provided by IVHS:

- ISBN: 0471787140. Environment. 5th ed. Raven, Peter H.; Berg, Linda R.; and Aliff, John. Wiley. November 2005. (4th edition ISBN: 0471444529 is also acceptable)

Optional[†] materials.

- ISBN: 0072823399. Principles of Environmental Science. 3rd ed. Cunningham, William P and Mary Ann. McGraw Hill. January 2005.
- ISBN: 007252829X. Environmental Science: A Study of Interrelationships. 10th ed. Enger, Eldon D. and Smith, Bradley F. McGraw-Hill. December 2004.
- ISBN: 0534424082. Environmental Science. 10th ed. Miller, G. Tyler. Thompson. September 2003.

AP Physics B

Required materials provided by IVHS:

- ISBN: 0534997236. College Physics. 7th ed. Serway. Thomson, Brooks/Cole. 2006. (6th edition ISBN: 0534492584 is also acceptable)

Optional[†] materials.

- ISBN: 0130606200. Physics: Principles with Applications. 6th ed. Giancoli, Douglas C. Prentice Hall. August 2004.
- ISBN: 0078203406. Physics. 6th ed. Tippins, Paul E. McGraw Hill. March 2000

AP Physics C (Calculus Based Physics)

Required materials provided by IVHS:

- ISBN: 0471216437. Fundamentals of Physics. 7th ed. Halliday, David; Resnick, Robert; and Walker, Jearl. Wiley. June 2004.

Optional[†] materials.

- ISBN: 0716743892. Physics for Scientists and Engineers. 5th ed. Tipler, Paul Allen and Mosca, Gene. W. H. Freeman. July 2003.
- ISBN: 0534408427. Physics for Scientists and Engineers. 6th ed. Serway, Raymond A. Thomson, Brooks/Cole. July 2003.
- ISBN: 0130215171. Physics for Scientists and Engineers with Modern Physics. 3rd ed. Giancoli, Douglas C. Prentice Hall. June 2000.

Chemistry I – first semester content

Required materials provided by IVHS:

- ISBN: 0131903594. Prentice Hall Chemistry Lab Manual. Wilbraham, Antony; Staley, Dennis; Matta, Michael; and Waterman, Edward. Prentice Hall. 2005.

Chemistry I – second semester content

Required materials provided by IVHS (BEGINNING SPRING 2007):

- ISBN: 0131903594. Prentice Hall Chemistry Lab Manual. Wilbraham, Antony; Staley, Dennis; Matta, Michael; and Waterman, Edward. Prentice Hall. 2005.

Earth Science – 1st semester content

Materials provided by IVHS:

- “My World” GIS Software provided on CD. (CD does not need to be returned to IVHS.)

Earth Science – 2nd semester content

Materials provided by IVHS:

- “My World” GIS Software provided on CD. (CD does not need to be returned to IVHS.)

The following courses in the Science area do not require extra materials. All course content is found online.

Astronomy

Biology I: 1st semester content

Biology I: 2nd semester content

Biotechnology

Oceanography

Physics I: 1st semester content

Physics I: 2nd semester content

Social Science

AP United States Government and Politics

Required materials provided by IVHS:

- ISBN: 1930398034. Lanahan Readings in the American Polity. 3rd ed. Serow, Ann G. and Ladd, Everett C. Lanahan Publishing. May 2003.
- ISBN: 0393927164. American Government. 7th ed. Lowi, Theodore J.; Ginsberg, Benjamin; and Shepsle, Kenneth A. W. W. Norton & Co., September 2005. (7th ed. ISBN: 0393978249 or 8th ed. ISBN: 0393924823 are also acceptable.)

AP European History

Required materials provided by IVHS:

- ISBN: 0131828835. *The Western Heritage: Since 1300*. 8th ed. Donald Kagan, Steven Ozment, Frank Turner. Prentice Hall. 2004. (7th ed. ISBN: 0130277193 is also acceptable.)
- *A Student's Guide to Modern European History*. Robert Sanderson, Ph.D. Advanced Academic Publications. 2002. (CD format – shipped during the Spring term of the class)

Optional¹ materials.

- ISBN: 0314096744. *Western Civilization: Comprehensive Volume*. 3rd ed. Jackson J. Spielvogel. West Publishing. 1997. (any edition is acceptable)
- ISBN: 039596413X. *A History of Western Society*. McKay, John P.; Hill, Bennett D. and Buckler, John. Houghton Mifflin. August 1998. (any edition is acceptable)
- ISBN: 0075574179. *A History of the Modern World*. 7th ed. Palmer, R.R. and Colton, Joel. McGraw Hill. November 1990. (any edition is acceptable)
- ISBN: 0393968855. *A History of Modern Europe from the Renaissance to the Present*. Merriman, John. W.W. Norton. August 1997. (any edition is acceptable)

AP Human Geography

Required materials provided by IVHS:

- ISBN: 0764120948. *How to Prepare for the AP Human Geography Exam*. Alagona, Peter S. and Marsh, Meredith. Barron's Educational Series, Inc. July 2003.

AP Psychology

Required materials provided by IVHS:

- ISBN: 0716764288. *Psychology*. 8th ed. Myers, David G. Worth Publishing. March 2006. (7th edition ISBN: 0716752514 is also acceptable)

AP United States History

Required materials provided by IVHS:

- ISBN: 0393978125. *America, A Narrative History*. 6th ed. Tindall, George and Shi, David E.. W.W. Norton & Co. July 2003. (5th ed. ISBN: 0393973395 is also acceptable)

The following courses in the Social Science area do not require extra materials. All course content is found online.

Anthropology

American Government: Inside Washington

American History: 1st semester content

American History: 2nd semester content

Civics in Cyberspace

Psychology

World History: 1st semester content

World History: 2nd semester content

NOTE: AP Macroeconomics, AP Microeconomics, Consumer Education and Macroeconomics can be found in the Business and Economics section of this document.

Study Skills

The following courses in the Study Skills area do not require extra materials. All course content is found online.
Study Skills.

World Languages

All French, German and Spanish classes require PC microphone and speaker capability. The most common way to meet this requirement is with a PC combination microphone/headset which can be found at most electronics and computer stores. If a student does not have access to this technology, they should contact their IVHS instructor.

All French, German and Spanish classes which are second year level or higher require a dictionary for the given language and English. For example, French II requires a French-English dictionary. The student is expected to obtain this locally. If the student does not have access to this material, they should contact their IVHS instructor. A dictionary is optional for first year French, German and Spanish students.

The following courses list materials in addition to those noted above:

ALL LATIN CLASSES:

Optional¹ materials.

- ISBN: 0026460009 Latin for Americans. Ullman, Henderson and Henry. McMillan. 1990. (OR LATER EDITION).
- Mythology. Edith Hamilton. 1969. (OR ANY LATER EDITION).
- ISBN: 0020133405. Cassell's Latin & English Dictionary. 1987. (OR LATER EDITION).
- Bullfinch's Mythology (ANY EDITION OF GREEK/ROMAN MYTHOLOGY).
- ISBN: 0764554328 Mythology for Dummies. Blackwell, Christopher W. and Amy Hackney. Wiley. June 2002.

Spanish I – 1st semester content

Required materials provided by IVHS:

- ISBN: 0030565898. ¡Ven conmigo! - Level 1. Humbach. Harcourt College Publishers. September 2003.

Spanish I – 2nd semester content

Required materials provided by IVHS:

- ISBN: 0030565898. ¡Ven conmigo! - Level 1. Humbach. Harcourt College Publishers. September 2003.

Spanish IV – 1st semester content

Required materials provided by IVHS:

- ISBN: 0812096509. 1001 Pitfalls in Spanish. Holt, Marilyn P. and Dueber, Julianne. 3rd ed. Barron's Educational Series, Inc. 1997.

Spanish IV – 2nd semester content

Required materials provided by IVHS:

- ISBN: 0812096509. 1001 Pitfalls in Spanish. Holt, Marilyn P. and Dueber, Julianne. 3rd ed. Barron's Educational Series, Inc. 1997.

¹Optional materials may be mentioned in the course but are not required for completion of the course. They are intended as supplemental resources, for use as desired.