

**Log Cabin Schoolhouse
High School Profile for Student's Name**

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Student Name

Address

**City, State, Zip
(mobile)**

School

Log Cabin Schoolhouse has been in operation since 2013. This homeschool began in Virginia Beach, and relocated to Pennsylvania in 2014. We primarily homeschooled with Classical Conversations curriculum. Student attended CC from 6th through 11th grades when she moved into college level coursework. The school has been, and continues to be, in compliance with state laws regarding homeschooling.

Curriculum

Log Cabin Schoolhouse employs a block learning schedule for our academic Program. Every block class fulfills all requirements for either a half or full Carnegie Unit of credit. Block classes are 15 to 30 weeks in length, depending on whether the class is a half or full credit.

Most of our high school level courses are honors level courses. Honors courses use a college level text, or readings of equivalent volume and reading level. Courses in history and literature require written papers and include heavy discussion of ideas and philosophy. Science courses require labs and formal lab reports.

Our homeschool uses the Classical Conversations Challenge program for humanities and a mix of Art of Problem Solving and college classes for STEM. Colleges attended: (Southeastern University (SEU), University of Alabama Huntsville (UAH), Harrisburg Area Community College (HACC), The College at Southeastern (C@SE)).

Grading and Rank

Grades and grade points are assigned according to the following scale:

GPA is calculated using the points listed above. Beginning with ninth grade, all subjects are included in the GPA. Our homeschool courses are not weighted unless they were dual enrollment. Grades are reported on the transcript. As a homeschool, we do not have class rank.

Grade Scale	Letter Grade	Grade Point	Grade Scale	Letter Grade	Grade Point
101+	A+	4.25	77-79	C+	2.25
93-100	A	4.00	73-76	C	2.00
90-92	A-	3.75	70-72	C-	1.75
87-89	B+	3.50	67-69	D+	1.25
83-86	B	3.00	63-66	D	1.00
80-82	B-	2.75	60-62	D-	0.75

Graduation Requirements:

Log Cabin Schoolhouse requires a minimum of 22 credits for graduation. However, our students attain both the high school required credits as well as a full freshman year of college credits by the end of Junior year of high school.

Test Scores:

Student has participated in the PSAT (score), and ACT (score).

Log Cabin Schoolhouse
High School Profile for Student Name
English

<p style="text-align: center;">Honors American Literature and Composition 9th Grade (2017—2018)</p> <p>Credit: 1 Credit</p> <p>Curriculum: <i>Classical Conversations Challenge I</i></p> <p><i>Billy Budd, Sailor, and other stories</i> by Herman Melville, <i>Born Again</i> by Charles W. Colson, <i>Narrative of the Life of Frederick Douglas, Self-Reliance and Essays on the Nature of Man</i> by Ralph Waldo Emerson, <i>Up from Slavery</i> by Booker T. Washington, <i>Walden</i> by Henry David Thoreau, <i>Harvey</i> by Mary Chase, <i>Johnny Tremain</i> by Esther Forbes, <i>The Adventures of Tom Sawyer</i> by Mark Twain, <i>Tales from Shakespeare</i> by Charles and Mary Lamb, <i>The Call of the Wild</i> by Jack London, <i>The Gold-Bug and other Tales</i> by Edgar Allan Poe, <i>The Old Man and the Sea</i> by Ernest Hemingway, <i>The Red Badge of Courage</i> by Stephen Crane, <i>The Scarlet Letter</i> by Nathaniel Hawthorne, <i>The Taming of the Shrew</i> by Shakespeare, <i>Through Gates of Splendor</i> by Elisabeth Elliot, <i>To Kill a Mockingbird</i> by Harper Lee, <i>Starship Troopers</i> by Robert A. Heinlein.</p> <p>Time Commitment: This 30-week honors reading and writing course was learned alongside American History, corresponding to a full-year course.</p> <p>Grading: Multiple Essays, Outsourced grading and book discussion through video chat to a certified High School English teacher in CA, Class discussions in Challenge classroom.</p>	<p style="text-align: center;">Honors British Literature and Composition 10th Grade 2018—2019)</p> <p>Credit: 1 Credit</p> <p>Curriculum: <i>Classical Conversations Challenge II</i></p> <p><i>Beowulf, The Canterbury Tales</i> by Chaucer, <i>Sir Gawain and the Green Knight, Paradise Lost</i> by John Milton, <i>The Pilgrim's Progress</i> by John Bunyan, <i>Pride and Prejudice</i> by Jane Austen, <i>A Tale of Two Cities</i> by Charles Dickens, <i>Jane Eyre</i> by Charlotte Bronte, <i>Animal Farm</i> by George Orwell, <i>A Passage to India</i> by E.M. Forester, <i>Something Beautiful for God</i> by M. Muggeridge, <i>Alice's Adventures in Wonderland</i> by Lewis Carroll, <i>Robinson Crusoe</i> by Daniel Defoe, <i>Favorite Father Brown Stories</i> by G.K. Chesterton, <i>A Modest Proposal</i> by Swift, <i>The Hobbit</i> by J.R.R. Tolkien, <i>Out of the Silent Planet</i> by C.S. Lewis, <i>The Screwtape Letters</i> by C.S. Lewis, <i>The Elements of Style</i> by Strunk and White</p> <p>Time Commitment: This 30-week honors reading and writing course was learned alongside Western Cultural History, corresponding to a full-year course.</p> <p>Grading: 15 Essays, Outsourced grading and book discussion through video chat to a certified High School English teacher in CA, Class discussions in Challenge classroom.</p>
<p style="text-align: center;">English Composition I - ENGL1133 11th Grade (Aug 2019 - Dec 2019)</p> <p>Credit: 1 Credit; 3 Credits College</p> <p>Curriculum: Classical Conversations Challenge III, Southeastern University, <i>The Consequences of Ideas</i> by R.C. Sproul, <i>Much Ado about Nothing, Julius Caesar</i> by William Shakespeare</p> <p>Description:</p> <ul style="list-style-type: none"> This course is the study and practice in the critical reading and effective writing of expository prose with an emphasis on fluency and style. Respond to various rhetorical situations. Develop flexible processes for generating, revising, editing and proof-reading. Write essays with meaningful context and effective organization. Practice critical reading of college-level, non-fiction. <p>Grading: Professor Grading: 90% Essays, 10% Blue Book Exam.</p>	<p style="text-align: center;">Introduction to Literature - ENGL207 12th Grade (Jan 2020 - May 2020)</p> <p>Credit: 1 Credit HS; 3 Credits College</p> <p>Curriculum: Harrisburg Area Community College</p> <p>Literature: Reading Fiction, Poetry and Drama, 6th ed. by Robert DiYanni</p> <p>Description:</p> <ul style="list-style-type: none"> Understanding and increasing human experience through literature. The major literary types (poetry, fiction, and drama) are defined and illustrated through examples drawn from English and American literature, as well as other literatures of the world <p>Grading: Professor Grading</p>

Log Cabin Schoolhouse
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Mathematics

**Algebra 2 - Art of Problem Solving
9th Grade (2017—2018)**

Credit: 1 Credit

Curriculum:

Art of Problem Solving Online Course, *“Introduction to Algebra”*, Chapters 10-22, by Richard Rusczyk

Description:

- Introduction to Algebra B covers quadratic equations, graphing, complex numbers, functions, sequences and series, and exponents and logarithms. Problem solving skills are emphasized throughout, and time is devoted to advanced topics like telescoping sums and piecewise functions.

Time Commitment: This 16-week course, aimed at the gifted student, includes 1.5 in-class hours and 4-5 hours of homework each week, corresponding to a 3/4-year course. (Algebra Club supplement was included both 9th and 10th grades.)

Grading: Online - Instructor graded: 40% Alcumus homework, 35% Short-Answer Challenge Problems, 20% Writing Challenge Problems (proofs), and 5% Class Participation. Alcumus is the AoPS online learning system that adjusts to student performance to deliver appropriate problems and lessons.

**Geometry - Art of Problem Solving
10th Grade (2018—2019)**

Credit: 1 Credit

Curriculum:

Art of Problem Solving Online Course, *“Introduction to Geometry”*, by Richard Rusczyk

Description:

- Introduction to Geometry covers a full honors geometry curriculum, plus many advanced problem solving geometric applications not found in a standard geometry class. Topics covered in the class include triangle similarity and congruence, complicated area problems, mastering the triangle, special quadrilaterals, polygons, the art of angle chasing, construction, power of a point, 3-dimensional geometry, transformations, analytic geometry, basic trigonometry, and geometric proofs.

Time Commitment: This 24-week course, aimed at the gifted student, includes 1.5 in-class hours and 4-5 hours of homework each week, corresponding to a full-year course.

Grading: Online - Instructor graded: 40% Alcumus homework, 35% Short-Answer Challenge Problems, 20% Writing Challenge Problems (proofs), and 5% Class Participation.

**Algebra 3 - Art of Problem Solving
10th Grade (2018 - 2019)**

Credit: 1 Credit

Curriculum:

Art of Problem Solving Online Course, *“Intermediate Algebra”*, by Richard Rusczyk, Mathew Crawford

Description:

- Intermediate Algebra covers quadratic equations, conics, polynomials, functions, logarithms, clever factorizations and substitutions, systems of equations, sequences and series, symmetric sums, advanced factoring methods, classical inequalities, functional equations, and more.

Time Commitment: This 24-week course, aimed at the gifted student, includes 1.5 in-class hours and 4-5 hours of homework each week, corresponding to a full-year course.

Grading: Online - Instructor graded: 64% Short-Answer Challenge Problems, 32% Writing Challenge Problems (proofs), and 4% Class Participation.

**Calculus I - MATH121
11th Grade (2019 - 2020)**

Credit: 1 Credit HS; 3 Credits College

Curriculum:

Harrisburg Area Community College, *“Calculus”*, Loose Leaf Pkg W/ Mylab Math With Pearson Etext Access Code, by Schulz, ISBN 0134996186, Copyright 19, Publisher Pearson Edition 3, Binding Pkg W/Access Code

Description:

- Introduces differential and integral calculus of algebraic and trigonometric functions. This course covers functions, limits, continuity, as well as the evaluation and application of derivatives and integrals.

Log Cabin Schoolhouse
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Science

<p style="text-align: center;">Physical Science with Lab 9th Grade (2017—2018)</p> <p>Credit: 1 Credit</p> <p>Curriculum: <i>Classical Conversations Challenge I</i> <i>Exploring Creation with Physical Science (Apologia)</i> <i>The Student Lab Report Handbook (Mays)</i> <i>Science Lab Journal (CC Media)</i></p> <p>Description:</p> <ul style="list-style-type: none">• Course content includes 16 modules covering atmosphere, weather, earth science concepts, physics of motion, Newton’s Laws, gravity, and astrophysics.• Coursework includes text reading and assignments, completion of module tests and mid-term examinations, informal and formal lab reports, one 10-15 page research paper (spring semester), and weekly in-class discussion and lab work.	<p style="text-align: center;">Biology with Lab 10th Grade (2018—2019)</p> <p>Credit: 1 Credit</p> <p>Curriculum: <i>Classical Conversations Challenge II</i> <i>Exploring Creation with Biology (Apologia)</i> <i>The Student Lab Report Handbook (Mays)</i> <i>Science Lab Journal (CC Media)</i></p> <p>Description:</p> <ul style="list-style-type: none">• Course content includes 16 modules covering Monera, Protista, fungi, cell structures, Mendelian genetics, invertebrates, Chordata, arthropods, reptiles, birds, mammals, plants, and ecology..• Coursework includes text reading and assignments, completion of module tests and mid-term examinations, informal and formal lab reports, learning about and using microscopes during labs, and weekly in-class discussion and lab work/ dissections.
<p style="text-align: center;">Principles of Chemistry with Lab - CHEM100 11th Grade (Aug 2019 - Dec 2019)</p> <p>Credit: 1 Credit HS; 4 Credits College</p> <p>Curriculum: Harrisburg Area Community College, Lecture resources</p> <p>Description:</p> <ul style="list-style-type: none">• Course content includes fundamentals of atomic and molecular structure, bonding, solutions, acids and bases, chemical nomenclature, and stoichiometry.• Coursework includes text reading and assignments, lectures, discussion posts, virtual labs and lab quizzes, and four exams.	

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History

American Government, Economics, and Debate
9th Grade (2017—2018)

Credit: 1 Credit

Curriculum:

Classical Conversations Challenge I, *Economics: A Bluestocking Guide* by Jane A. Williams, *Whatever Happened to Penny Candy* and *The Money Mystery* by Richard J. Maybury, *Tour Guide: Introduction to Debate*, *Words Aptly Spoken: American Documents*, and *Words Aptly Spoken: American Literature*.

Description:

- **American Government** (First Semester)
 In the true sense of classical studies, students will look at original historical documents and practice annotating and summarizing them.
- **Free Market Economics** (Second Semester)
 Students read and discuss various articles related to free market economics in this seminar.
- Directors lead discussions about the impact of free-market economics on national histories and present politics.
- Students participate in various hands-on projects that allow for real-life understanding and practical application of current economic issues.

Western Cultural History
10th Grade (2018—2019)

Credit: 1 Credit

Curriculum:

Classical Conversations Challenge II, *Words Aptly Spoken: British Literature*, *Classical Music for Dummies* by David Pogue and Scott Speck, *The Gift of Music* by Jane Stuart Smith and Betty Carlson, *Marvelous to Behold* by Jennifer Courtney and Courtney Sanford.

Description: Western Cultural History

- Students sift through the origin of ideas as they discuss, debate, and present analyses of Western culture and its shaping influences from a Christ-centered worldview.
- Integrating the skills of research, exposition, and logic, students compile summaries of various artists and composers and come to seminar prepared to discuss how the arts influence (and are influenced by) culture.
- The creation of a timeline enables students to integrate major persons and events with the art periods and philosophical ideas of the time.
- Throughout the year, students work on enhancing their elocution, or rhetorical style, through a variety of formal speaking events, including team policy and Lincoln-Douglas debates.

US History I - HIST2013
11th Grade (Aug 2019 - Dec 2019)

Credit: 1 Credit HS; 3 Credits College

Curriculum:

Southeastern University, Classical Conversations Challenge III
 Schweikart, Larry, & Michael Allen. *A Patriot's History of the United States*. New York: Penguin Group, 2004.

Description:

- A survey of American history to 1877. Topics include the colonial period, the Revolutionary era, the Constitution, Jeffersonianism, economic and territorial expansion, sectional tensions, the Civil War, and Reconstruction.

Grading: Essays, Debates, Timeline, Speech, Research Paper.

Economics - Econ201
11th Grade (Jan 2020 - May 2020)

Credit: 1 Credit HS; 3 Credits College

Curriculum:

Harrisburg Area Community College, *“Macroeconomics”*, W/ Mindtap Economics Printed Access Card, ISBN 1337742333 Copyright 19, Edition 13, Binding Pkg W/Access Code

Description:

- Structure, operation, and performance of the American economy. The course includes the market system, national income, employment, inflation, economic growth, business cycles, fiscal policy, money, monetary policy, and international economics.

Log Cabin Schoolhouse
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Electives

Grade 9

Course: [Latin 1](#)

Course Credit: 1.0

Course Overview: This course is a comprehensive introduction to Latin grammar. Students complete all 41 lessons in Henle First Year Latin. By diligent work in this course, the student obtains a sound foundation of Latin vocabulary; an introductory grasp of Latin grammar and syntax; an expanded English vocabulary, an understanding of etymology of Latin derivatives; an understanding of basic Roman history; and a reinforced grasp of English grammar through the study of Latin grammar. During the spring semester, the National Latin Exam is administered.

Resources: Henle Latin, First Year text by Robert J. Henle, Henle Grammar by Robert J. Henle

Course: [Policy Debate](#)

Course Credit: 1

Course Overview: This course covers the basic elements of policy debate. It first answers the question “What is formal debate?” then unfolds each subsequent step from researching the resolution, constructing the affirmative case and preparing negative strategies, to using evidence, and practicing speech and delivery. The course includes what to expect in a live debate, how to identify and understand various judging philosophies, and how to win and lose graciously. The students conduct research for a class resolution, prepare both an affirmative and negative case and participate in two live debates.

Resources: An Introduction to Policy Debate by Christy Shipe

Course: [Drama](#)

Course Credit: 0.5

Course Overview: This course uses *The Taming of the Shrew* and the audio version of Ravi Zacharias’s presentation of “I, Isaac, Take Thee, Rebekah” to explore the impact of choices on community, specifically marriage. The students study the text in depth through dramatization. The students research, write, and present on an element of the Shakespearian era of their choosing. (Socratic dialogue)

Resources: *Taming of the Shrew* by William Shakespeare Audio version: “I, Isaac, Take Thee Rebekah” by Ravi Zacharias

Grade 10

Course: [Latin 2610](#)

Course Credit: 1.0 HS; 3 College

Course Overview: This course continues the study in Latin with more translations as the students learn more history by studying Latin authors, and emphasizing more advanced syntax, vocabulary, and Latin grammar forms. The focus shifts from word by word translation to appreciation of the content of the Latin they are translating. Many of the translations include discussions of Caesar’s conquest of Gaul. Building on Henle First Year Latin, students progress to more extensive readings on Christian and Roman history using original excerpts from Caesar’s Commentaries, while practicing translations. New vocabulary words are drilled and a deeper understanding of Latin paradigms is sought. During the spring semester, the National Latin Exam is administered.

Resources: Henle Latin, Second Year Text, Robert J. Henle Henle Grammar, Robert J. Henle. Southeastern University.

Log Cabin Schoolhouse
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Electives

Course: [Honors Speech](#)

Course Credit: 0.5

Course Overview: Using material from Western Cultural History, students prepare and present the following speeches: Two Team Policy Debates, Art Grant Presentation –art work presentation, Rhetorical Persuasion Critical Analysis Art Lecture, Lincoln-Douglas Value Debates.

Resources: *How Should We Then Live?* by Francis Schaeffer, *Marvelous to Behold* by Jennifer Courtney and Courtney Sanford

Course: [Logic and Socratic Dialog](#)

Course Credit: 1.0

Course Overview: In this course, students study formal logic focusing on the four logical statements, the seven rules for validity, and a basic understanding of the Christian theory of knowledge. Plato's Gorgias is read aloud and discussed in class focusing on the essence and definition of rhetoric while seeking to grow in understanding, learning how to seek truth, ask good questions, and clearly define terms.

Resources: Traditional Logic I by Martin Cothran Memoria Press, Gorgias by Plato

Course: [Microsoft Office](#)

Course Credit: 0.5

Course Overview: This course provides an overview of the popular components of the Microsoft Office suite: Word, Excel, and PowerPoint. The basics of each program will be covered. It is not the objective of this course to build proficiency in any one of the application program. There are separate one-credit courses that can be taken to increase skill development in the individual programs.

Resources: Microsoft Excel, Word, and PowerPoint 2016

Grade 11

Course: [Philosophy](#)

Course Credit: 0.5

Course Overview: This course examines the major ideas of influential philosophers and their impact on society. Students develop study guides, prepare questions, and take turns leading class discussion. Students research, write, and present a thesis on a philosophy of their choice.

Course: [Data Analysis Using Spreadsheets - BBUS 2333](#)

Course Credit: 1.0 HS; 3.0 College Credit; MOS Excel CERTIFICATION

Course Overview: This course uses raw data in spreadsheets and databases to produce actionable information to drive management decisions. This course will focus on the data management resources available in standard spreadsheet software. Students will prepare to take the industry standard certification in spreadsheets. Discussion 5%, End of Chapter Quizzes 15%, Simulation Exams 20%, Grader Projects 25%, Reviews 5%, Exams 30%, Extra Credit from Pre-tests and Microsoft Excel Certification.

Resources: Southeastern University, Gaskin, S., Vargas, A., & McLellan, C. (2016). *Go! With Office 2016 Volume 1*, MyITLab with Pearson Etext Replacement Access Card. Pearson College Div.

Log Cabin Schoolhouse
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Electives

Course: [Intro to Aeronautics - ENG 105](#)

Course Credit: 1.0 College Credit

Course Overview: Introduction to a variety of aviation subjects, including flight physiology, computer systems, aerodynamics, aeronautics, jet propulsion, thermodynamics, navigation, and survival skills. Lectures and simulated missions. Offered in cooperation with U.S. Space and Rocket Center.

Resources: Open only to high-school students enrolled in Aviation Challenge Mach III.