

## Tier I Classes

### **English Composition/Literary Analysis 10 (1 high school credit)**

This class focuses on the skills needed for success in the first college writing class at Toccoa Falls College: essay composition, grammar competency, literary analysis, MLA style and critical thinking. Students will be challenged to improve their communication skills while focusing on the writing styles necessary for success in the first college writing class: expository essays, persuasive essays and research papers. Students hone their composition skills by examining published essays then through in-depth planning, organizing, drafting, revising and peer feedback, students will develop their own essays using the skills necessary for college level writing. Students build on their grammar, usage, and mechanics skills through a daily in-depth grammar/sentence review that includes: sentence structure, agreement, capitalization and punctuation. By using short stories as the models and the Socratic approach as the method, the literature component of this class systematically teaches character, plot, theme, and other elements of fiction and literary analysis; skills that easily translate to the longer works required at the college level.

**Class Delivery Method:** Students will meet weekly with the teacher in the classroom setting to receive instruction in assignments for the upcoming week. Students will then view daily video lessons and complete daily lessons at home. Students will complete weekly essay assignments and a research paper, daily grammar lessons and literary analysis assignments.

**Class length:** 32 weeks

**Class Competency Exam:** All students desiring to dual enroll in Freshman Composition, ENG 113, at Toccoa Falls College must pass the class competency exam with a minimum score of 85% in each of the four test sections: grammar, composition, MLA style and literary analysis.

**Class Grading:**

*Tandem Partner Level:* The English 10 teacher is responsible for grading all writing assignments, weekly quizzes, tests and the class competency exam.

**Class Materials:** [Essentials in Writing 10 2<sup>nd</sup> edition](#) by Matthew Stephens

[Easy Grammar® Ultimate Series: 180 Daily Teaching Lessons - Grade 10 -TEACHER EDITION](#) by Wanda C. Phillips, ISBN: 978-0-936981-659

[Teaching the Classics 2<sup>nd</sup> edition](#), (syllabus notebook required, DVD set optional) by Adam and Missy Andrews, Workbook ISBN: 9780998322919

**Approximate Materials Cost:** *Essentials in Writing \$85, Easy Grammar \$20, Teaching the Classics \$30*

TandemEDU provides a subscription to Windows 365 and Grammarly editing software for every student.

## Tier I Classes

### Algebra I (1 high school credit)

This foundational math class emphasizes self-motivation and mastery learning, skills necessary for success in high school, college and career. This class offers students a firm understanding of algebraic principles, rather than simply acquainting them with formulas and systematic processes for solving algebra problems. The class begins by covering expressions, equations, negative numbers, distribution, and polynomials. Students are introduced to the Quadratic Formula mid-year which affords the opportunity to work more realistic word problems using decimals throughout the class. Word problems are included in every lesson, offering students ample opportunity to practice this important skill for SAT, ACT and PSAT test success. The second semester covers expressions with two variables, harder factoring problems, algebraic fractions, radical equations, and inequalities. Additional topics covered include: fundamental functions and graphs, domain and range of functions, integers, rational numbers, exponents, polynomials, factoring, fractions, square roots, real numbers, arithmetic and geometric sequences, probability and scattered data. Students learn to effectively use an online graphing calculator, a skill necessary for college math class. This class provides thorough preparation for Algebra II as well as standardized tests.

**Class Delivery Method:** Students will meet weekly in the classroom to receive assignments for the upcoming week and to review difficult concepts. Homework assignments will be completed at home using the digital lecture, digital solutions and textbook. Students must submit any homework questions, difficult concepts or areas needing clarification to the teacher 24 hours prior to the weekly class meeting. The teacher will explain these concepts in class the following day.

**Class length:** 32 weeks

**Class Competency Exam:** Students must pass the course with a grade of 85% or higher to move into Algebra II.

**Class Grading:**

*Tandem Partner Level:* The Algebra I teacher is responsible for grading all quizzes and tests. The student will self-grade the daily assignments.

**Class Materials:** [Algebra 1](#) by Derek Owens. The complete curriculum includes lecture videos, student workbooks, practice problems, and solutions. The class fee below covers the curriculum expense, including PDF versions of the workbooks you can print. Workbook pages will be needed weekly in class. TI84 plus scientific calculator is required for this class and will be used for all future high school and college math classes.

**OPTIONAL:** You can purchase the [semester 1 workbook](#) and the [semester 2 workbook](#) in print versions.

**Approximate Materials Cost:** Algebra I curriculum license \$80 added to the TandemEDU accountability fees.

## Tier I Classes

### Biology Lab (1 high school credit)

This class is designed to add a comprehensive lab component to any high school level biology class. Students will have the opportunity to investigate biological systems at the molecular, cellular and macro biological levels. Through hands-on laboratory experiments, students will explore the foundational concepts of lab safety, the scientific method, microscopy, and dissection (8 including fetal pig, cow eye, sheep's heart) as well as topics in cellular biology, Botany, Zoology, and ecology. As scientific learners, students will collect and analyze data, interpret results, draw conclusions and communicate their findings through laboratory reports, a tool used consistently in college level science courses. Throughout the class, students will work both independently and collaboratively in a laboratory-based setting that incorporates an active learning approach.

**Class Delivery Method:** Students will meet weekly in the classroom setting to complete laboratory exercises in small groups. Lab reports will be completed in class as time allows or at home. Quizzes and tests will be utilized to measure student understanding of the laboratory concepts presented in class.

**Class length:** 31 weeks

**Class Competency Exam:** No competency exam for the Biology Lab class.

**Class Grading:** The Biology Lab teacher is responsible for grading all lab reports and quizzes.

**Class Materials:** [Biology Lab Kit and Lab Manual](#) by Quality Science Labs provided by TandemEDU.

**Approximate Materials Cost:** Lab manual and supply fee \$120 both purchased by TandemEDU. Charges will be added to accountability fees.

### GHY 213 World Regional Geography (1 high school credit and 3 college credits)

This college course is an introductory course providing the fundamentals of world geography. This course includes a survey of world regional geography which draws together two categories of interrelated elements: the diverse physical features of the many areas of the earth and cultural influences. Geographic concepts and ideas are placed in their regional settings. Students will be exposed to historical, economic, cultural, social and physical characteristics of regions, notably how they came to be, their main role and function and how they are changing. This course is divided between chapter reading, online video discussions and chapter quizzes. Prerequisite: None.

**Class Delivery Method:** Course content will be delivered online through Toccoa Falls College under the direction of the course professor. Students will meet weekly in the TandemEDU classroom with a TFC certified facilitator. The facilitator will present the upcoming assignments, foster class discussions, facilitate quiz/test review, review writing assignments and assist with technology issues.

**Class length:** 8 weeks

**Class Grading:**

**Tandem Partner Level:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Free open source *online textbook*:

<https://drive.google.com/file/d/1JyR4eIT1Qqh8DaZAZ1EAbq8TupIHVUkM/view?usp=sharing>

**Approximate Materials Cost:** All course materials will be provided by the TandemEDU lending library.