

# TandemEDU

*Reimagining High School*

## Tandem Tier 4

### Financial Mathematics (1/2 high school credit)

This 16-week course covers traditional consumer math/personal finance concepts and personal money management strategies. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. The focus of this course is on applying math skills to real-world situations students will encounter as adults. This course focuses on the mathematics involved in making wise consumer decisions as students explore the many ways in which mathematics affects their daily lives. This course will include practical application exercises that cover job skills, money management, and tax concepts. Projects covering budgeting, income, spending, and financial management will span 6-8 weeks.

**Topics covered include:**

Financial Planning	Career Planning	Job Resume
Banking Services	Consumer Credit	Job Interview
Money Management	Personal Budgeting	Financial Statements
Credit Sources	Cost of Credit	Consumer Purchasing Strategies
Consumer Protection	Insurance (home, auto, life, health)	Fundamentals of Investing
Retirement and Estate Planning	Tax Strategies	Completing the IRS Form 1040
Understanding Employment Taxes	Calculating Gross vs Net Pay	Checkbook Accounting

**Class Delivery Method:** Students will meet weekly in the classroom to receive assignments for the upcoming week and to review difficult concepts. Students will be assigned daily textbook reading and practical application exercises as weekly homework. Practical application exercises will also be completed in class. Students will memorize relevant Scripture verses weekly.

**Class Materials:** See the Tier 4 [TandemEDU book list](#).

## Tandem Tier 4

### Physics with Lab - Optional (1 high school credit)

The emphasis of this college prep course will be on the application of physical principles, mathematical problem-solving, critical thinking, and laboratory work. The topics covered will include motion, forces, energy and work, waves, sound, light, optics, and electricity. This course is designed for the student who has completed algebra and has had an introduction to the definitions of sine, cosine, and tangent. The course focuses on making sure students get a clear understanding of motion, energy, electricity, magnetism, and the laws that govern the physical universe. Students learn to understand scientific principles and processes, ask questions, present hypotheses, experiment, solve problems, and think abstractly. It provides a detailed introduction to the methods and concepts of general physics, heavily emphasizing vector analysis. It provides the student with a strong background in one-dimensional and two-dimensional motion, Newton's laws and their application, gravity, work and energy, momentum, periodic motion, waves, optics, electrostatics, electrodynamics, and electrical circuits. The course contains chapter experiments, which will be performed in a laboratory setting with other students.

***Class Delivery Method:***

Students will meet weekly in the classroom to receive assignments for the upcoming week and to review difficult concepts. Lecture videos will be watched PRIOR to class. Homework assignments will be completed at home using the course materials. Students are required to check the solutions prior to submitting problems for teacher assistance.

***Class length:*** 32 weeks

***Class Materials:*** See the Tier 4 [TandemEDU book list](#).

## Tandem Tier 4

### **COM 113 Introduction to Communication (1 high school credit and 3 college credits)**

This course is designed to expose students to the fundamental principles of communication in the contexts of interpersonal, small group, and public speaking. This course will facilitate the student's understanding of key principles and concepts, as well as the development of foundational abilities in each of the areas. This course will aid students in:

- ❖ Developing skills in expressing oneself orally or in writing (Essential)
- ❖ Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories.) (Important)
- ❖ Developing ethical reasoning and/or ethical decision-making (Important)

**TandemEDU Prerequisite:** ENG 113

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, proctor tests, record speeches, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** A free online textbook is provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not exceeded the 30-credit state funding limit.

## Tandem Tier 4

### **POL 213 American Government (1 high school credit and 3 college credits)**

This course concentrates on government institutions and the political process, primarily at the national level. Emphasis is placed upon the historical foundations of the political system as well as the historical contexts in which the process has been played out. Interaction with primary source documents facilitates critical thinking. At the conclusion of the class, the student will have:

- ❖ Gained a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories).
- ❖ Developed skills in expressing oneself orally or in writing.
- ❖ Learned to *analyze* and *critically evaluate* ideas, arguments, and points of view regarding the Constitution of the United States and the State of Georgia.
- ❖ Learned to apply knowledge and skills to benefit others or serve the public good by playing an active role in the political process in an informed manner.

**TandemEDU Prerequisite:** ENG 113

**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 trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, proctor tests, record speeches, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** A free online textbook is provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup> and 12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

## Tandem Tier 4

### ENV 253 Environmental Science (1 high school credit and 3 college credits)

**Course Description:** This course examines how humans can best live within Earth's environment. Students will examine a number of complex and interconnected problems involving the human population, Earth's natural resources, and environmental pollution. The subject matter is interdisciplinary as it draws information from many fields, such as biology, chemistry, geology, economics, sociology, and politics. At the conclusion of this course, students will

- ❖ Gain a basic understanding of the subject with respect to issues affecting the use of resources, limits on resources, sustainability challenges, and interaction between humans and the environment.
- ❖ Develop knowledge and understanding of diverse perspectives, global awareness, or other cultures in the use and management of resources and the environment.
- ❖ Learn to analyze and critically evaluate ideas, arguments, and points of view from scientific, social, and economic perspectives within a biblical worldview.
- ❖ Learn to apply knowledge and skills to benefit others or serve the public good

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, proctor tests, record speeches, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30-credit state funding limit.

### PSY 113 General Psychology (1 high school credit and 3 college credits)

**Course Description:**

General Psychology is an introduction to the study of human behavior from primarily a scientific perspective. The Christian perspective of human behavior will be discussed when relevant. This survey class deals with foundations of human thinking, feeling, and behaving as derived from studies of physiology, perception, social behavior, human growth and development, operant and classical conditioning, social learning processes, social group dynamics, and other content areas. TandemEDU Prerequisite: There is no prerequisite for this course.

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

## Tandem Tier 4

### SPN 113 Elementary Spanish I (1 high school credit and 3 college credits)

#### Course Description:

This course is an introduction to approximately one–fourth of the phonetics, grammar, and vocabulary needed to express the target language adequately. There will be a balance between the four basic language skills of reading, writing, listening, and speaking. Course objectives include:

- ❖ Gaining a basic understanding of the subject (Spanish language and culture)
- ❖ Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures
- ❖ Developing skills in expressing oneself orally or in writing in Spanish

**TandemEDU Prerequisite:** ENG 113

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

### SPN 123 Elementary Spanish II (1 high school credit and 3 college credits)

#### Course Description:

This course is an introduction to approximately one–fourth of the phonetics, grammar, and vocabulary needed to express the target language adequately. There will be a balance between the four basic language skills of reading, writing, listening, and speaking. Course objectives include:

- ❖ Gaining a basic understanding of the subject (Spanish language and culture)
- ❖ Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures
- ❖ Developing skills in expressing oneself orally or in writing in Spanish

TandemEDU Prerequisite: SPN 113.

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

## TandemEDU Tier 4

### ECO 213 Principles of Microeconomics (1 high school credit and 3 college credits)

**Course Description:**

A study of the basic tools of economic analysis and economic principles in action, including the marginal concept and scientific, economic analysis; the market process and the price mechanism; demand, supply, prices; exchange and the market process; income distribution; monopoly power; real-world markets; micro problems of modern society with a summary microeconomic history of the United States. Students will develop the skills, competencies, and points of view needed by professionals—in business administration, such as analytical thinking, communication, computers, presentations, research, teamwork, and writing -- specifically in written communication and in finding and using resources in research.

**TandemEDU Prerequisite:** ENG 113

**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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

## Tandem Tier 4

### NTE 103/REL 113 Literature of the New Testament (1 high school credit and 3 college credits)

#### **Course Description:**

In this course, students study the purpose and message of the New Testament. The New Testament books are examined in light of their structure, historical setting, genre, message, and distinctive and how each part contributes to the whole. This course is required for Distinguished Diploma students. In this class, students will:

- ❖ Gain a basic understanding of the content and background issues related to the New Testament.
- ❖ Gain a broader understanding and appreciation of the diverse content and culture of the New Testament
- ❖ Gain an understanding of principles of Christian doctrine and practice reflected in the New Testament.
- ❖ Develop skills in oneself through journaling in response to the content of the New Testament.

**Prerequisites:** ENG 113.

#### **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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** None for 11<sup>th</sup>/12<sup>th</sup> grade students who have not exceeded the 30 credit hour state limit.

## Tandem Tier 4

### THE 303 Introduction to Theology (1 high school credit and 3 college credits)

#### **Course Description:**

This course examines basic Christian doctrine from a historical and systematic perspective. Topics include God, Scripture, Jesus Christ, the Holy Spirit, and the Church. It includes an emphasis on the unity and diversity of Christian belief. Upon completion of this course, the student should be able to demonstrate that they have:

- ❖ Gained a basic understanding of the orthodox conceptions of the nature and attributes of Theology, God, Christ, Humanity, the Holy Spirit, and Salvation.
- ❖ Learned to apply course material in order to integrate faith and beliefs with lifestyle and vocation.
- ❖ Learned to analyze and critically evaluate ideas, arguments, and points of view.

This course is required for Distinguished Diploma students.

**Prerequisites:** NTE 103 and OTE 103.

#### **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 Trained facilitator. The facilitator will present the upcoming assignments, foster class discussions, review for tests/quizzes, review writing assignments, and assist with technology issues. The facilitator will also tutor students outside of class when such assistance is requested through TandemEDU administration.

**Class length:** 8 weeks

**Class Grading:** The facilitator is responsible for overseeing grades and providing periodic progress reports to the parent.

**Class Materials:** Fee online textbook provided. See the Tier 4 [TandemEDU book list](#).

**Tuition Cost:** This course is not covered by GA state dual enrollment funds. College tuition is \$498 for Distinguished Diploma students and \$600 for Distinguished Diploma students.