



**Rising 9<sup>th</sup> Grade  
Registration Information  
for 2016-2017**

## **Math Articulation for On-level vs Accelerated Courses**

**Accelerated Algebra I/Geometry A:** This course covers all standards from Algebra I and standards from the 1<sup>st</sup> half of Geometry. This course is distinguished by its fast pace and level of rigor. Specific to the pace of the course, in order for students to learn a year and half of math in one year's time, little time is available in class for extra practice. Students complete and check practice on their own time and are expected to seek assistance outside of class as needed. As for the rigor of the accelerated courses, while we do follow the same standards for the on-level course, we also extend the students thinking both in expecting higher order thinking and also by extending the limits of the standards themselves. For example, the Algebra 1 standards expect students to be able to simplify radical expressions with addition, subtraction, multiplication, and limited to square roots. We introduced division, rationalizing the denominator, and multiple roots in the accelerated classroom. According to the Algebra 1 standards, students are expected to represent constraints of systems of inequalities and identify solutions and non-solutions. In the accelerated classroom, we extended this lesson to include linear programming, writing systems of inequalities to represent the constraints for a situation and maximize and minimize applicable quantities.

**Accelerated Geometry B /Algebra II:** This course covers the standards from the 2<sup>nd</sup> half of Geometry and all standards from Algebra II. This course is distinguished by its fast pace and level of rigor. Covering 1 ½ years in one year leaves little time for extended introduction of material. Students complete and check practice on their own time and are expected to seek assistance outside of class as needed. Additionally, the accelerated course does a lot more application problems, such as vertical motion problems with quadratics, and other maximizing type applications. For units like probability and statistics, much of what is introduced is via task as well, where students complete an investigation on their own to discover relationships between quantities. For the exponential/log unit, we do a LOT of application problems with earthquake magnitude and Newton's Law of Cooling with predicting time of death of a corpse. At South we go beyond the standards to cover matrix operations and sinusoidal graphing. This is in preparation for Accelerated Pre-calculus.

**Accelerated Pre-calculus:** This course covers the same standard as on-level pre-calculus. This course is distinguished by its fast pace and level of rigor. In Accelerated Pre-calculus all skills lead to application problems of DOK level three or higher. In preparation for student success in AP Calculus, the Accelerated Pre-calculus course goes

beyond the GSE standards to cover skills such as Gauss-Jordan elimination when working with matrices, and Trigonometric Identities through Product-to-Sum and Sum-to –Product. Students also learn to convert from trigonometric form to polar form. Another topic beyond the on-level course is Polar Equations. A **strong** work ethic and self-motivation are key character traits for success in Accelerated Pre-calculus.

## **English Articulation for On-level vs Honors Courses**

Ninth and tenth grade honors classes require a greater amount of independent work outside of class in order to prepare students for advanced courses beginning junior year. Honors students read novels at a faster pace and are often expected to annotate their novels. Honors students are given several timed writing assessments throughout the year, while on-level students typically work through the writing process with multiple opportunities for revision. While both honors and on-level classes will be given a variety of assessments, the assessments for honors students will have more written components (several essay questions instead of one) and more in-depth content. In addition, honors students are not allowed retakes, while on-level students are provided one relearn and recovery opportunity per semester.

## **Science Articulation for On-level vs Honors Courses**

In science there are 2 honors level courses – **biology and chemistry**. Both of these courses are designed to be pre-AP/IB classes. While they still teach to the standards, the honors courses go into greater depth in an effort to better prepare students for the rigors of the AP/IB version of the course. For example the on-level biology course is about 2 units ahead of the honors course to date.

## **Social Studies Articulation for On-level vs AP Courses**

AP Human Geography is offered during a student's 9<sup>th</sup> grade year as an elective course. There is also an on-level offering of World Geography and Current Issues. **Students who decide to take AP Human Geography have the following expectations:**

- ☐ Be self-motivated
- ☐ Work independently on assignments
- ☐ Read, study, and work on a consistent basis

- ▣ Be creative and on task in their use of technology
- ▣ Possess a positive attitude towards learning
- ▣ Self advocate for missing assignments and additional needs in class
- ▣ Keep up with all learning materials such as graded papers, notes, maps and readings.

Students who decide to take Current Issues/World Geography as an elective choice have these expectations:

- ▣ Geography
  - Introduction to both physical and cultural geography
  - Look at a region's historical, cultural, economic, and political development
  - SFHS Social Studies Expectations
- ▣ Current Issues
  - 1 week focus on looking at valid news sources
  - 4 week focus: World History/World Current Events
  - 4 week focus: US History/National Current Events
  - 4 week focus: Amer. Gov't/Government Current Events

4 week focus: Economics/Economic Current Events



## South Forsyth High School

### Graduation Requirements

Credit/Units

#### **23 Total Credits**

English: 4 credits

Math: 4 credits

Science: 4 credits

Soc. Studies : 3 credits

Career Tech/For. Lang/Fine Arts: 3 credits

### End of Course Test

9<sup>th</sup> Gr. Lit/Comp

Physical Science

Biology

Alg I/Acc Alg I

Geo/Acc. Geometry

11<sup>th</sup> Gr. American Lit

US History

Economics

**(\*Counts 20% of FINAL GRADE)**

### Class Schedule

7 period modified day

Instructional focus (Wed)

Report Card each 9 weeks

Final Grade posted at the conclusion of course

### HOPE GPA

3.7 GPA (Zell Miller) in addition

to testing requirements

3.0 GPA (HOPE) –

*\*Academic/Core Subjects **ONLY***

### College Admission Testing

PSAT (Pre-SAT) Grades 9, 10, 11

### Credit/Units

Year-long course = 1.0

SAT/ACT Grades 11, 12

Half-year courses = .50

**Grading Scale**

Regular/Honors                      AP Courses

A= 90-100 4.0                      5.0

B= 80-89 3.0                      4.0

C=79-70 2.0                      3.0

**Formative/Summative**

Formative Grades (25%)

Summative Grades (75%)



## South Forsyth High School Career Pathways

<b>Career Pathway</b>	<b>Course Sequence</b>
Computer Science	Intro to Digital Tech; Computer Science Principles, AP Computer Science
Culinary Arts	Intro to Hospitality; Intro to Culinary Arts; Culinary Arts I; Culinary Arts II
Engineering and Technology	Foundations of Engineering and Tech; Engineering Concepts; Engineering Applications
Entrepreneurship	Introduction to Business and Tech; Legal Environment of Bus; Entrepreneurship
Fashion, Merch and Retail Management	Marketing Principles; Fashion, Merch, and Retailing Essentials; Adv Fashion Merch, and Retailing;
Human Resources Management	Intro to Business and Technology; Legal Environment of Bus; Human Resources Principles
Manufacturing	Foundations of Manufacturing and Materials Science; Robotics and Automated Systems; Production Enterprises
Marketing and Management	Marketing Principles; Marketing & Entrepreneurship; Marketing Management
Programming	Intro to Digital Tech; Computer Science Principles; Programming Games, Apps, and Society
Sports and Entertainment Marketing	Marketing Principles; Intro to Sports & Entertainment Marketing; Adv Sports & Entertainment Marketing
Teaching as a Profession	Examining the Teaching Profession; Contemporary Issues in Education; Teaching as a Profession Practicum

***\*It takes three courses to be a pathway completer. Third course in pathway includes End of Pathway Assessment and Community Mock Interview experience.***

## INTERNATIONAL SKILLS DIPLOMA SEAL

South Forsyth has been named to a group of elite schools that will offer the **International Skills Diploma Seal** beginning May 2016. We are the only school in Forsyth County named by the Georgia Department of Education. Georgia is one of only three states (Wisconsin and North Carolina) in the nation to offer a global competence/global readiness seal or certificate to graduating high school students. The seal serves as a signal to employers that students have engaged in courses and extracurricular activities that foster global competencies.

### Requirements

- At least 3 consecutive courses in the same World Language (4 preferred)
- At least 4 credits in courses with an international focus
- At least 4 extra-curricular activities and experiences with global themes and/or in global contexts.
- 20 hours of community service involving global/cross-cultural public service.
- Complete a Capstone presentation / reflection on your growth in the aforementioned areas during senior year.

If you have any questions please email or come see Mrs. Gustavus in Rm. 1622.  
[mgustavus@forsyth.k12.ga.us](mailto:mgustavus@forsyth.k12.ga.us)

### Approved Coursework for ISDS:

Spanish 1 – 5; AP & IB	French 1 – 4; AP & IB
German 1 – 4; AP & IB	Latin 1 – 3; AP & IB
British Literature	World Literature
IB English	AP European History
AP Human Geography	AP Macroeconomics
IB Approaches to Learning	IB Economics
IB History of the Americas	IB Psychology
IB Theory of Knowledge	IB 20 <sup>th</sup> Century Topics
IB Music	AP Art History
Sociology	World History
Business Legal Environment	International Business

(Other courses may be approved in subsequent years)



# 2016 Parent Portal Directions for Registration

## Written Directions to Select Courses in Infinite Campus

- 1) Log on to Infinite Campus/Parent Portal.
- 2) Choose the student you wish to register if you have more than one child.
- 3) Click on Registration 2016/2017. Teachers have made the academic recommendations for your student. These recommendations cannot be changed unless you submit an online course waiver (this link is available on the SFHS website).
- 4) Use Elective Choice Sheet in this packet for making course choices. Refer to the online course digest on the SFHS website under the “Counseling” tab to determine any pre-requisite requirements and specific information about courses (link available on SFHS website).
- 5) Follow the prompt to add “Elective Courses” and “Alternates”. You MUST select a minimum of three alternates (4 is recommended). This is a wish list ONLY of elective courses/alternates and is **NOT a FINAL schedule**.
- 6) You may search by course name or by course number.
- 7) IF you wish to drop a class after you have chosen it, then click class and follow the prompt to drop.

## **REMINDERS...**

- ✓ Remember you **MUST** have a **total of 7 credits (70/70) in Parent Portal**. Your classes may either be full credit (Y=yearlong) or half credit (S=semester long). If you have half credit courses, make sure you have selected both pairs. EX: Current Issues and World Geography or Drivers Education and World Geography.
- ✓ A “combo class” will take 2 periods in your schedule; enter both course numbers. EX: French 2/3 block you would register for both French 2 (semester course) AND French 3 (semester course)
- ✓ Selection is not first come, first serve. You can make elective selections and changes at any time during the OPEN portal window (Feb 17 8am-March 4 @ 4pm).
- ✓ Student course requests will be available for review only during the Verification Window (around March 23<sup>rd</sup>).

### **Important Dates:**

Portal Opens: Wednesday, February 17<sup>th</sup> @ 8am

Portal Closes: Friday, March 4<sup>th</sup> @ 4pm

Online Waiver Deadline: Friday, April 1<sup>st</sup> @ 4pm

# SFHS 2016-2017

## 9<sup>th</sup> Grade Elective Choices



<b>Course #</b>	<b>Course Name</b>
700605y	Intro to Business Technology
708205y	Intro to Digital Technology
703045y	Foundations of Engineering & Tech
702745y	Marketing Principles
90005y	Examining the Teaching Profession
702155y	Intro to Culinary
800335y	Visual Arts I
800295y	Sculpture I
800225y	Jewelry I
802025y	Adv Choral Ensemble (audition required)
801005y	Adv Band (audition required)
801385y	Intermediate Instrumental Ensemble
804025y	Dramatic Arts/Acting
60065y	General PE
60105s	Health (Required for graduation)
60175s	Personal Fitness (Required for graduation)
60205y	Physical Conditioning
60325s	Driver Education
10765y	Journalism (Newspaper-application Required)
10775y	Journalism (Yearbook –application Required)
50105y	French I
50605y	Latin I
50205y	German I
50715y	Spanish II