

SECTION II: PLANNING BEYOND HIGH SCHOOL

THE POST SECONDARY PLANNING CALENDAR

- 9th Grade
1. Attend the Four-Year-Plan orientation and complete a Four-Year-Plan.
 2. Continue to focus on career possibilities.
- 10th Grade
1. Complete the Self-Directed Search. Discuss results with parents, other adults, teachers, and peers. Plan to take elective courses that are related to an academic major and visit some job sites.
 2. The Preliminary SAT (PSAT) is given to all 10th grade students in the fall of their sophomore year. (Check with counselors prior to October regarding the date.) The PSAT is given **once** a year.
- 11th Grade
1. Take (PSAT) again in the fall of the junior year. Students must register to take the PSAT. Check with counselors prior to October regarding the PSAT date. To qualify for National Merit Scholarship and other scholarship competition, the PSAT must be taken during the junior year.
 2. Take the SAT and/or American College Test (ACT) in the spring. Check post secondary catalogs or The College Handbook to determine which test is required for admission.
 3. Visit the high school counselor regularly. The counselor will guide students in the exploration of possibilities and in the application process. Take advantage of books, videos, and catalogs in the counseling office and Career Resource Center as well as the library or Internet.
 4. Begin to visit campuses.
 5. Register with the NCAA Clearinghouse if interested in an athletic scholarship in a Division I or II school.
 6. Begin the process for military appointments.
 7. Consider Postsecondary Options (See Page 21)
- 12th Grade
1. Maintain an academically rigorous course of study.
 2. Attend the individual conference to complete the application for graduation.
 3. Listen to announcements concerning post secondary representatives visits, PROBE Fair, scholarship information, and test registration dates.
 4. Retake the SAT and/or ACT in early fall to improve scores.
 5. Select post secondary and technical schools.
 6. Write a letter to each post secondary choice requesting scholarships, applications, catalogs, and a financial aid application.
 7. Submit application, application fee, and a copy of the high school transcript to at least two colleges. Prospective Division I or II athletes must send final transcript to the NCAA Clearinghouse.

8. Obtain Federal Student Aid Form (FAFSA) from counselors or post secondary choice after January 1. Private institutions may require additional forms.
9. Visit post secondary institutions of choice.
10. Finalize post secondary choices.

PROGRAMS FOR PROSPECTIVE POST SECONDARY STUDENTS

Adequate preparation for post secondary level work requires a concerted effort by teachers, parents, and students. Just as the level of difficulty increased dramatically between middle school and high school, so do the demands increase from high school to the post secondary level. High school cannot and should not be as difficult as the post secondary level.

Students cannot expect to do the minimum postsecondary-preparation work, set by the Georgia Board of Regents, the Department of Technical and Adult Education, and the Georgia Department of Education, in high school and be prepared to do well at the post secondary level. Students who excel at the post secondary level generally excel in the high school college preparatory program. Whatever your program -- do your best work.

1. **HOPE Grant** - Helping Outstanding Pupils Educationally is a four-year scholarship program funded by the Georgia Lottery. This program provides funds for tuition fees in degree, diploma or certificate programs at any Georgia public or private post secondary institution, university or technical institute for Georgia residents who meet certain criteria. Keep up to date on HOPE and other student financial aid programs available from the Georgia Student Finance Commission by visiting the website at www.gsfc.org or calling 1-800-505-GSFC.
2. **Accel Program** – This program is for students classified as high school juniors and seniors. The program allows students to pursue postsecondary study at approved public and private colleges and technical colleges while receiving dual high school and college credit for courses successfully completed. Courses are available only in the areas of the core graduation requirements for college preparatory students: English; Mathematics; Social Studies; Science; Foreign Language. The program pays for tuition, mandatory fees and provides participating students with a book allowance, in keeping with the benefits provided by the HOPE program. Credit hours paid by the Accel Program for the student will count towards the limit of postsecondary hours paid for by the HOPE (Helping Outstanding Pupils Educationally) Program. Students must take the End-of-Course Test in order to receive Carnegie Units for the courses requiring the EOCT Assessment. A student must meet certain requirements to maintain extracurricular eligibility and eligibility for honor graduate, valedictorian, salutatorian, etc. Consult local school administrators for details.
3. **Joint Enrollment** - Students classified as high school juniors and seniors, who meet postsecondary institution admission standards and are recommended by the high school may pursue postsecondary study at approved public and private colleges and technical colleges while receiving dual high school and college credit for courses successfully completed. Students must take the End of Course Test in order to receive Carnegie Units for the courses requiring the EOCT. A student must meet certain requirements to maintain extracurricular eligibility and eligibility for honor graduate, valedictorian, salutatorian, etc. Consult local school administrators for details.

4. **Early Admissions** – An eligible student who attends a postsecondary institution full time is responsible for getting grades sent to his/her high school for June graduation. Postsecondary admissions require a minimum of **3.0 average and 970 on SAT**, (higher at some institutions). Both joint enrollment and early admissions can take place in a public or private postsecondary setting. (See “Accel Program” for information regarding tuition.) Students must take the End of Course Test in order to receive Carnegie Units for the courses requiring the EOCT Assessment. A student must meet certain requirements to maintain extracurricular eligibility and eligibility for honor graduate, valedictorian Salutatorian, etc. Consult local school administrators for details.
5. **Gwinnett Technical Institute - Senior Technical Studies** - Students who have completed their junior year and attained senior status may be approved to attend Gwinnett Tech during the senior year **in lieu** of attending classes at their high school. Tuition will be paid under the Postsecondary Options program. Course credit earned at Gwinnett Tech can be applied toward high school graduation. Due to differences between the high school **semester** calendar and the technical school **quarter** calendar, students will be scheduled into the Senior Technical Studies Program for the entire school year beginning with the Fall technical school quarter of each year. Students must enroll for a minimum of two (2) class periods per day. The Senior Technical Studies Program is available for the high school seniors who:
 1. Have completed the training objectives of a particular technical program at the high school or technical educational center and wish to pursue more in-depth training at the post secondary level; or
 2. Desire to pursue specialized occupational training at the post secondary technical program that is not available at the secondary level.

Program Application

Application forms for the program will be available at the high school or at Gwinnett Technical Institute. Students interested in additional information about the Senior Technical Studies Program should contact Pete Atkinson in the Admissions Office at Gwinnett Tech (770)962-7582 ext. 115. Again, post secondary study is required in most technical fields in order to acquire marketable knowledge and skills.

6. **A.P. (Advanced Placement) Classes** - Postsecondary level classes which are taught at the high school during the regular high school day. A national exam is given at the end of the course and graded by readers employed by the College Board. Many post secondary institutions either award postsecondary credit for a successfully completed exam or allow a student to exempt certain courses. Some postsecondary institutions do not honor AP credit. The exam is optional and the student is responsible for fees if the Georgia Legislature does not continue to fund. Students must take the EOCT in order to receive Carnegie units for the courses requiring the EOCT.
7. **Exempt Test** - Given by post secondary institutions during orientation. The post secondary institution offers credit based on performance on the exam.

8. **Work-Based Learning Programs** - Work-based learning experience can be used in a planned program of study to complete requirements for the College-Preparatory, the Technology/Career-Preparatory or dual (combination of both diplomas). Some of these programs involve students working for pay on or off campus in a job compatible with their career choice. Others such as internships will not be paid. Work-based learning experience includes apprenticeships, cooperative education, internships and work study. Local school coordinators will help students apply what they have learned at school with what is learned in the workplace. See local school personnel for details. These programs are designed for all students.

FINANCIAL ASSISTANCE

Post secondary institutions including colleges, universities, technical, secretarial, and specialty schools administer certain major financial aid programs. Upon acceptance, immediately contact the College Financial Aid officer to request the appropriate financial aid form and to obtain additional scholarship information. These forms are used to determine the distribution of loans, grants, scholarships and jobs for incoming students.

Students need to contact their post secondary institution for information about campus-based awards. Students need to contact individual departments if they have strong interests or talents in that area to request information and special scholarship offerings.

TYPES OF FINANCIAL AID

1. **Loans:** A loan is money that you borrow and must repay with interest to the lender.
2. **Grants:** Money that is awarded as financial aid that does not have to be repaid. To apply for grant money, you must complete the appropriate financial aid form.
3. **Scholarships:** There are numerous scholarships available to Gwinnett County students. Students should listen to school announcements regularly regarding the availability of scholarships and the criteria for selecting scholarship recipients.

Many scholarships are based on some combination of leadership, financial need, and/or academic achievement. For entering freshmen, high school averages and SAT/ACT scores are considered. To apply, complete the sponsoring agency's application for financial aid.

4. **Work-Study:** Post secondary Work-Study Programs provide jobs for students who show financial need and who must earn a part of their educational expenses. To apply, complete the college's application for financial aid.

5. **Eligibility For Collegiate Athletics:** The National Collegiate Athletic Association (NCAA) has established a central clearinghouse to certify athletic eligibility for Divisions I and II. This information is only relevant to students who want to participate in post secondary athletics. NCAA rules can and do change. Please see your coach for current information. Your counselor can obtain registration materials by calling the Clearinghouse at 319-337-1492.

If you intend to participate in college in Division I or II athletics as a freshman in college, you must be registered with and be certified eligible by the NCAA Initial-Eligibility Clearinghouse (CH).

Please note that initial eligibility certification pertains only to whether or not you meet the NCAA requirements for participation in Division I or II athletics and has no bearing on your admission to a particular Division I or II institution.

To be considered a qualifier at a Division I institution and be eligible for financial aid, practice and competition during your first year, you must:

1. Graduate from high school.
2. Present a minimum combined *test score* on the SAT verbal and math sections or a minimum composite score on the ACT as indicated on the index scale below.

<u>CORE GPA</u>	<u>SAT</u>	<u>ACT</u>
(The highest scores achieved on the four individual Test of the ACT may be combined.)		
3.550 and above	400	37
3.500	410	38
3.250	530	46
3.000	620	52
2.750	720	59
2.500	820	68
2.250	920	77
2.000	1,010	86

3. Present a minimum *grade point average* in at least **14 core courses** in the following areas:

- 4 years of English
- 2 years of Mathematics (Algebra I or higher)
- 2 years of Natural/Physical Science (1 year of lab)
- 1 year of additional English, Mathematics or Natural/Physical Science
- 3 years of additional courses (from any area above or Foreign Language, Nondoctrinal Religion/Philosophy)

To be a qualifier at a Division II institution, you must:

1. Graduate from high school
2. Present a minimum grade-point average of 2.0 in at least 14 core courses in the same areas noted above.
3. Present a 68 (sum of scores on the four individual test) on the ACT, or an 820 total score on the SAT.

Be sure to ask your coach or athletic director about these new requirements or contact the NCAA National Office at (319)-337-1492. Web site: <http://www.ncaa.org>.

When should I register? You should apply for certification after your junior year in high school if you are sure you wish to participate in intercollegiate athletics as a freshman at a Division I or II institution. If you fail to submit all required documents, your incomplete file will be discarded after three years, requiring you to pay a new fee if certification is requested after that time.

How do I register? Fill out the student-release form completely and mail or fax the top (white) copy of the form to the clearinghouse along with the \$30 fee. (The fee can be waived if you received a waiver of the ACT or SAT fee.) Give the pink and yellow copies of the student-release form to your high school counselor who will then send the yellow copy, along with an official copy of your high school transcript, to the clearinghouse. The high school will keep the pink copy of the form for its files.

What if I have attended more than one high school? If you have attended multiple high schools since ninth grade, you must have an official transcript from each school. These transcripts can either come from each school or the high school from which you are graduating. The transcripts must come by mail directly from the high school (not from you). You should give the pink and yellow copies of the student-release form to the counselor at the high school from which you will be graduating. You may also need to make copies of this form and send them to the counselors at the other schools that you have attended. Faxed transcripts are not acceptable under any circumstances.

What if I've been "home-schooled"? If you have been "home-schooled" during all of grades 9 through 12, you do not have to register with the clearinghouse. Your certification status will be determined through an initial-eligibility waiver. If you attended a "traditional" school for some portion of grades 9 through 12, you are required to register with the clearinghouse.

Are standardized test scores required? Qualifying test scores are required for participation at both Division I and Division II colleges. If you intend to participate at either a Division I or II school, the test scores may be taken from your official high school transcript or be sent to the clearinghouse directly from the testing agency.

How can I arrange for my scores to be sent directly from the testing agency? When you register to take the ACT or the SAT, you can mark code **9999** so that the clearinghouse will be one of the institutions receiving your scores; or alternatively, you can submit a request (and fee) for an "Additional Score Report" to the appropriate testing agency by indicating code **9999** on your request form.

What will the clearinghouse provide to those colleges that are recruiting me? The clearinghouse will send your eligibility status to any Division I or II college that requests it. Please note that the clearinghouse will not send your eligibility information at your request; rather, the college must make the request for that information. Additionally, if no member institution requests your eligibility status, a final certification decision may not be processed.

POST SECONDARY ADMISSIONS TESTING

Since different colleges, universities, and technical institutes have varying admission policies, students must carefully check into the admissions requirements for institutions to which they plan to apply. The school counselors and advisors can help with details of registering to take the various tests. Answers to the most frequently asked questions about college admission tests are provided in the next few pages.

PSAT/NMSQT

WHAT IS IT?

The PSAT/NMSQT is a short version of the SAT. It consists of 130 minutes of interspersed verbal and mathematics sections. A writing section is included on the assessment. This is the qualifying test for the National Merit Scholarship Program as well as the National Merit Recognition Program for African American students. **Only eleventh grade PSAT scores can be used for these scholarship programs.**

WHO SHOULD TAKE IT?

The PSAT is a good preparation for the SAT. Gwinnett County Public Schools offers the PSAT to all 9th and 10th grade students. Students other than 9th and 10th graders should contact their counselor regarding taking the test. PSAT is a requirement for being accepted in the Governor's Honors Program and the National Merit Scholarship Program as well as eligibility for other scholarship opportunities.

WHEN IS IT GIVEN?

The PSAT/NMSQT is given in October. Students should ask their counselors for specific dates.

WHERE IS IT GIVEN?

The PSAT is given at each high school published on the College Board website (www.collegeboard.com).

HOW DO STUDENTS APPLY TO TAKE IT?

Information can be obtained at the local school concerning the PSAT. There is no charge to 9th and 10th grade students. Students are given a booklet containing a practice PSAT which should be studied carefully before the test date.

HOW ARE SCORES REPORTED?

The scores are returned to the local high school with an individual REPORT OF STUDENT ANSWERS. This report indicates the correct answers for each item on the test and the answers each student actually gave. In addition to the score report, the student also receives, from the counselor, a test booklet so that items missed can be carefully reviewed. The scores are reported for verbal, mathematics, and writing in a range from 20 to 80.

NATIONAL MERIT SCHOLARSHIP QUALIFYING TEST (NMSQT)

WHAT IS IT?

This is the same test as the PSAT. A selection index score is derived from the PSAT score. The selection index scores are used each year to identify the top one-half of one percent of students who expect to graduate the following year in every state. These students are called "National Merit Semi-Finalists" and may become "Finalists" in the National Merit competition. To qualify as a finalist, each student must make a comparable score on the SAT I, must have made good grades in high school, and must have the endorsement of his/her principal.

Students must take PSAT/NMSQT in **October of their junior year** to qualify for this program - even if they take the PSAT as a sophomore. The names, but not the scores, of the students who become semifinalists are published by the National Merit Corporation and are distributed nationwide.

To obtain the selection index, add the student's verbal, math and writing scores with the range from 60 to 240. The qualifying score for the National Merit Semi-Finalist varies from state to state. It changes from year to year depending on the composition of each year's junior class statewide.

SAT I

WHAT IS IT?

The SAT I is a nationally normed post secondary admission test. The Georgia University System accepts the SAT or ACT. The SAT I consists of three parts – verbal, mathematical reasoning and writing -- and requires approximately three hours of testing time.

The Verbal section tests reading comprehension and vocabulary. Items contain sentence completion, and critical reading. The Mathematics sections present problems generally associated with arithmetic, algebra, and geometry. Questions are in the context of application of mathematical knowledge in new situations.

WHO SHOULD TAKE IT?

Students should consult either the specific post secondary catalog or the College Handbook to determine if the institution of their choice requires the SAT. The College Handbook is located in Career Resource Centers and school libraries. Georgia colleges will accept the SAT or ACT.

It is recommended that most students take the SAT and ACT during the spring of their junior year and again the fall of their senior year. Some students find that they do much better on one test than the other. It is important to remember that the rigorous courses taken in high school contribute to achieving a successful score on the SAT and the ACT.

WHEN IS IT GIVEN?

In Georgia, the SAT is given in October, November, December, January, April, May and June.

WHERE IS IT GIVEN?

The SAT is administered only at official College Entrance Examination Board Test Centers. Students can select one of several test centers in Gwinnett County or the Metro-Atlanta area. Students should consult the Student Bulletin for exact dates and test centers.

HOW DO STUDENTS APPLY TO TAKE IT?

Registration information is available in every counseling office. The application must be submitted directly to the Admissions Testing Program of the College Board in Princeton, New Jersey. The registration should be mailed or completed on the Internet by the deadline which is approximately five weeks before the test date, or as late as three weeks before the test date with payment of the late fee. The exact test dates, registration deadlines, and fees are listed in the Student Bulletin. A fee must always accompany the registration. Students may obtain Taking The SAT I from the counseling office. It is a sample full-length SAT I given at an earlier date. It includes timing and scoring instructions along with correct answers for the practice test. Students who require special needs accommodations should indicate need on the registration form and should register for the Parkview High School Testing Center.

HOW ARE SCORES REPORTED?

SAT I scores are reported directly by mail to the students. Each high school has a school code number. The students fill in this number on the registration form. This enables the student's high school to receive a copy of the scores. SAT I scores are also sent directly to four institutions of the student's choice, indicated by assigned numbers from the Student Bulletin. Students can request that scores be sent to additional colleges or organizations by the payment of an additional fee.

CAN THE SAT I BE TAKEN MORE THAN ONCE?

Yes, the SAT I can be taken as frequently as students desire. Some students taking the test more than once have improved their scores. Since score reporting is cumulative, score reports will include scores up to five previous test dates.

WHAT IS THE BEST PREPARATION FOR THE SAT I?

The soundest preparation for the SAT I is to study a wide variety of courses with emphasis on academic courses and to read extensively. Most experts agree that the study of courses such as algebra, geometry, biology, chemistry, physics, foreign language, English, and social studies contributes to such preparation. Gwinnett County Public Schools' AKS are correlated to the SAT I objectives. The College-Preparatory program contains these courses that are essential for successful preparation.

Each high school has study materials, software and other preparation courses available.

AMERICAN COLLEGE TEST (ACT)

WHAT IS IT?

The ACT is a test similar to the SAT but with a different format. All Georgia Public post secondary institutions accept this test. Many states outside of Georgia require it for admission. It consists of four tests: English, mathematics, reading and science reasoning.

WHO SHOULD TAKE IT?

Students should consult either the post secondary catalog or handbook to determine if the institution of their choice requires the ACT. Georgia institutions will accept the SAT or ACT (see this section under SAT).

WHEN IS IT GIVEN?

The ACT is given six times a year in September, October, December, February, April and June.

WHERE IS IT GIVEN?

It is given only at designated test centers. This information is in the application packet. There are centers in Gwinnett County and the metro area.

HOW DO STUDENTS APPLY TO TAKE IT?

Applications are available in every counseling office. They must be mailed directly to ACT Registration in Iowa City, Iowa, or make application on the Internet by the deadline. A fee must accompany the application. Students who require special needs accommodations should indicate need on the registration form. Students requiring special administration may register for the Parkview Testing Center.

HOW ARE SCORES REPORTED?

Test results are sent directly to the high schools and are mailed to the students. Scores are reported for each subject area and a composite score is reported, which is an average of the four scores. The range is from 1 to 36.

COMPASS TEST

WHAT ARE THEY?

COMPASS is a comprehensive testing system that helps place students into appropriate courses and maximizes the information postsecondary schools need to ensure student success. COMPASS is a recognized college admissions and placement exam used by most two-year colleges and many four-year colleges and universities.

WHO SHOULD TAKE IT?

Students should consult the postsecondary catalog or handbook to determine if the institution of their choice requires or recommends the COMPASS.

WHEN IS IT GIVEN?

COMPASS is administered at Gwinnett Technical College several times each week during regular college terms.

WHERE IS IT GIVEN?

COMPASS is administered at Gwinnett Technical College or contact the postsecondary school of your choice for other options.

SAT-II SUBJECT TESTS

WHAT ARE THEY?

Achievement Tests are one-hour tests which measure the student's knowledge of a particular subject and the ability to apply that knowledge. Tests are available in 23 specific subjects.

WHO SHOULD TAKE THEM?

Achievement Tests should be taken by any student who intends to apply to a post secondary institution that requires them. Students should check the college catalog.

WHEN ARE THEY GIVEN?

They are given seven times a year for most tests; once a year for others. Other test dates for Foreign Language, etc. can be obtained by calling 1-888-728-4357. (See the Student Bulletin.) The Achievement Tests are given on the same day as the SAT I.

WHERE ARE THEY GIVEN?

They are given at the same centers as the SAT I.

HOW DO STUDENTS APPLY TO TAKE THEM?

Students use the same applications and procedures as stated for the SAT I.

HOW ARE SCORES REPORTED?

Scores are reported in the same manner as the SAT I, using the same range of scores.

ADVANCED PLACEMENT TESTS

WHAT ARE THEY?

Advanced Placement (AP) Tests measure achievement in freshman post secondary level courses taught in the high school, and depending upon examination results, may enable students to receive advanced placement, post secondary credit, or both when they enter college. They are recognized and accepted by a majority of the colleges and universities in the United States. The tests are three-hour examinations in several disciplines.

WHO SHOULD TAKE THEM?

Normally, those students who successfully complete the AP course should take the tests. The Georgia Department of Education will pay for one test for students who are enrolled in AP classes. All tests are free for students who qualify for Free or Reduced Lunch and are enrolled in the AP classes. A small administrative fee is charged and due at registration. Since AP courses are post secondary level courses, they are specifically for the student who is prepared to devote extra time and to give superior effort to meet demanding requirements.

WHEN ARE THEY GIVEN?

AP Tests are given in May each year.

WHERE ARE THEY GIVEN?

AP Tests are given at a designated location within Gwinnett County. See your AP teacher for information about locations.

HOW DO STUDENTS TAKE THEM?

The AP teachers give their students information concerning the procedures for registering and taking the tests. Registration is always well in advance of the test date. (Note: Most tests are given at a central location in Gwinnett County.) Students who require special needs accommodations should indicate need on the registration form.

HOW ARE SCORES REPORTED?

Scores are reported directly to the student, the high school, and the post secondary institution which the student designates. Scores are on a five-point scale, with five being the highest possible score. Most institutions require a score of three or higher for consideration for course exemption or course credit.

College Preparatory Diploma

Course Choice Listings

	Language Arts 4 units required	Mathematics 4 units required	Science 3 units required	Social Studies 3 units required	Modern/Classical Language 2 units required	College preparatory diploma (CP) requires 22 units for graduation. College preparatory diploma with seal of distinction (CP+) requires 24 units for graduation. The additional units must be selected from academic units.
9 th Grade Choose one from	College Preparatory Freshman Language Arts Gifted Freshman Language Arts Honors Freshman Language Arts	Algebra I Euclidian Geometry Gifted Euclidian Geometry Honors Euclidian Geometry	College Preparatory Biology Gifted Honors Biology Honors Biology	World Geography Advanced Placement Human Geography	Choose language according to interest - 2 units same language - sequence can begin in 9th, 10th or 11th grade. Options will vary by school. (Students may continue study beyond two years according to interest.)	
10 th Grade Choose one from	College Preparatory Sophomore Language Arts Gifted Sophomore Language Arts Honors Sophomore Language Arts	Euclidian Geometry Algebra II Gifted Algebra II Honors Algebra II	College Preparatory Chemistry Gifted Honors Chemistry Honors Chemistry	College Preparatory World History Gifted World History Honors World History Advanced Placement World History		Additional Required Units 6 units Must be completed for graduation. 1 unit Introduction to Lifetime Fitness (1/2 unit) Introduction to Health (1/2 unit) and 1 unit Computer Technology and/or Fine Arts and/or Technical and/or Modern/Classical Language and/or ROTC (any combination)
11 th Grade Choose one from	College Preparatory Junior Language Arts Gifted Junior Language Arts Honors Junior Language Arts	Algebra II Advanced Algebra/Trigonometry * Pre Calculus Gifted Pre Calculus	College Preparatory Physics AP Physics B/Gifted Physics Honors Physics	Advanced Placement U.S. History College Preparatory U.S. History Gifted U.S. History Honors U.S. History		and 4 elective units Elective units should be selected in accordance with postsecondary admission standards and State graduation requirements.
12 th Grade Choose one from	Advanced Placement English Language & Composition Advanced Placement English Literature & Composition College Preparatory Senior Language Arts Gifted Senior Language Arts Honors Senior Language Arts	Advanced Algebra/Trigonometry * Statistics/Discrete Mathematics Advanced Placement Calculus AB Advanced Placement Calculus BC		Advanced Placement American Government Advanced Placement Macroeconomics College Preparatory Economics College Preparatory Political Systems Gifted Political Systems Gifted Economics Honors Political Systems Honors Economics		
For ESOL Language Arts course requirements and descriptions, see Language Arts section of this book.		* Advanced Algebra and Trigonometry is highly recommended in the College Prep sequence.				

Note: Joint Enrollment might be an option for qualified students.

Technology/Career-Preparatory Diploma

Course Choice Listings

	Language Arts 4 units required	Mathematics** 3 units required	Science 3 units required	Social Studies 3 units required	Modern/Classical Language 2 units required	Technology/Career- preparatory diploma (TC) requires 22 units for graduation.
9 th Grade Choose one from	College Preparatory Freshman Language Arts Gifted Freshman Language Arts Honors Freshman Language Arts Technical Freshman Language Arts*	Algebra I Euclidian Geometry Honors Euclidian Geometry Gifted Euclidian Geometry Concepts of Problem Solving*/**	Technical Biology * College Preparatory Biology Gifted Honors Biology Honors Biology	College Prep World Geography Advanced Placement Human Geography Technical World Geography	Not required. (Students may choose to study Modern/Classical Language according to interest.)	Technology/Career- preparatory diploma with seal of distinction (TC+) requires 24 units for graduation. The additional units may be selected from academic courses and/or Technology/Career- preparatory courses.
10 th Grade Choose one from	College Preparatory Sophomore Language Arts Gifted Sophomore Language Arts Honors Sophomore Language Arts Technical Sophomore Language Arts*	Euclidian Geometry Algebra II Gifted Algebra II Honors Algebra II Concepts of Algebra*/**	Technical Chemistry * College Preparatory Chemistry Gifted Honors Chemistry Honors Chemistry	College Preparatory World History Gifted World History Honors World History Technical World History* Advanced Placement World History		Additional Required Units 9 units Must be completed for graduation. 1 unit Introduction to Lifetime Fitness (1/2 unit) Introduction to Health (1/2 unit) and 1 unit Computer Technology and/or Fine Arts and/or Technical and/or Modern/Classical Language and/or ROTC (any combination) and 4 technical units and 3 elective units Elective units should be selected in accordance with postsecondary admission standards and State graduation requirements.
11 th Grade Choose one from	College Preparatory Junior Language Arts Gifted Junior Language Arts Honors Junior Language Arts Technical Junior Language Arts*	Algebra II Advanced Algebra/ Trigonometry Pre Calculus Gifted Pre Calculus Informal Geometry *	AP Physics B/Gifted Physics Honors Physics Technical Physics * College Preparatory Physics	Advanced Placement U.S. History College Preparatory U.S. History Honors U.S. History Gifted U.S. History Technical U.S. History*		
12 th Grade Choose one from	Advanced Placement English Language & Composition Advanced Placement English Literature & Composition College Preparatory Senior Language Arts Gifted Senior Language Arts Honors Senior Language Arts Technical Senior Language Arts*	Advanced Algebra/ Trigonometry Statistics/Discrete Mathematics Advanced Placement Statistics Advanced Placement Calculus AB Advanced Placement Calculus BC Applied Algebra Mathematical Money Management ** Both Concepts of Problem Solving and Concepts of Algebra must be successfully completed to satisfy the state requirement for Algebra I.		Advanced Placement American Government Advanced Placement Macroeconomics College Preparatory Economics College Preparatory Political Systems Gifted Economics Gifted Political Systems Honors Economics Honors Political Systems Technical Economics* Technical Political Systems*		
For ESOL Language Arts course requirements and descriptions, see Language Arts section of this book.						*Courses shown with an asterisk may be used as credit toward this diploma only.

Note: Joint Enrollment might be an option for qualified students.

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Dual Diploma

(College Preparatory and Technology/Career-Preparatory Seals)

Course Choice Listings

	Language Arts 4 units required	Mathematics 4 units required	Science 3 units required	Social Studies 3 units required	Modern/Classical Language 2 units required	Dual diploma requires 22 units for graduation.
9 th Grade Choose one from	College Preparatory Freshman Language Arts Gifted Freshman Language Arts Honors Freshman Language Arts	Algebra I Euclidian Geometry Honors Euclidian Geometry Gifted Euclidian Geometry	College Preparatory Biology Gifted Honors Biology Honors Biology	World Geography Advanced Placement Human Geography	Choose language according to interest - 2 units same language - sequence can begin in 9th, 10th or 11th grade. Options will vary by school. (Students may continue study beyond two years according to interest.)	
10 th Grade Choose one from	College Preparatory Sophomore Language Arts Gifted Sophomore Language Arts Honors Sophomore Language Arts	Euclidian Geometry Algebra II Gifted Algebra II Honors Algebra II	College Preparatory Chemistry Gifted Honors Chemistry Honors Chemistry	College Preparatory World History Gifted World History Honors World History Advanced Placement World History		Additional Required Units 6 units Must be completed for graduation. 1 unit Introduction to Lifetime Fitness (1/2 unit) Introduction to Health (1/2 unit) and 1 unit Computer Technology and/or Fine Arts and/or Technical and/or Modern/Classical Language and/or ROTC (any combination) and 4 technical units See academic major technical electives.
11 th Grade Choose one from	College Preparatory Junior Language Arts Gifted Junior Language Arts Honors Junior Language Arts	Algebra II Advanced Algebra/Trigonometry * Pre Calculus Gifted Pre Calculus	College Preparatory Physics AP Physics B/Gifted Physics Honors Physics	Advanced Placement U.S. History College Preparatory U.S. History Gifted U.S. History Honors U.S. History		
12 th Grade Choose one from	Advanced Placement English Language & Composition Advanced Placement English Literature & Composition College Preparatory Senior Language Arts Gifted Senior Language Arts Honors Senior Language Arts	Advanced Algebra/ Trigonometry * Statistics/Discrete Mathematics Advanced Placement Statistics Advanced Placement Calculus AB Advanced Placement Calculus BC		Advanced Placement American Government Advanced Placement Macroeconomics College Preparatory Economics College Preparatory Political Systems Honors Economics Honors Political Systems Gifted Economics Gifted Political Systems		
For ESOL Language Arts course requirements and descriptions, see Language Arts section of this book.		* Advanced Algebra and Trigonometry is highly recommended in the College Prep sequence.				

Note: Joint Enrollment might be an option for qualified students.

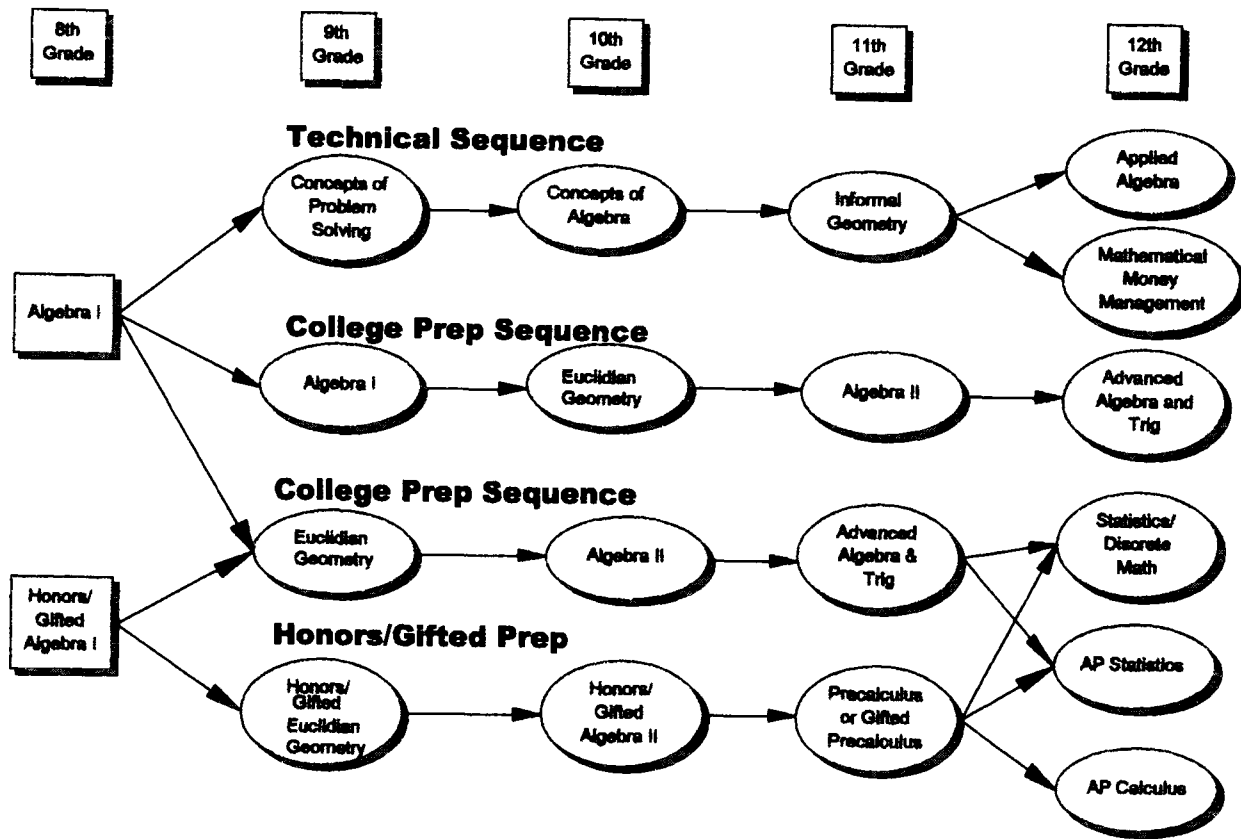
Graduation Requirements

	<i>Diploma: College Preparatory, College Preparatory with Distinction, and Combination</i> Courses must be college preparatory level or above.	<i>Diploma: Technology/Career-Preparatory and Technology/Career-Preparatory with Distinction</i> Courses must be college preparatory level or above.
Language Arts:	4 Units including: 1 Unit American Literature 3 additional Language Arts Units	4 Units including: 1 Unit American Literature 3 additional Language Arts Units
Mathematics:	4 Units including: 1 Unit Algebra I (if not completed in Middle School) 1 Unit Euclidian Geometry 1 Unit Algebra II 1 Unit Advanced Algebra/Trigonometry or PreCalculus 1 Unit Calculus or Statistics/Discrete Math	3 Units including: (4 Units are recommended) 1 Unit of Concepts of Problem Solving (Required) 1 Unit of Concepts of Algebra (Required) 1 Unit of Informal Geometry (Recommended) 1 Unit of Applied Algebra 1 Unit of Mathematical Money Management
Science:	3 Units including: 1 Unit of College Preparatory Biology 1 Unit College Preparatory Chemistry 1 Unit College Preparatory Physics	3 Units including: 1 Unit Technical Biology 1 Unit Technical Chemistry 1 Unit Technical Physics or Technical Physical Science
Social Studies:	3 Units including: 1 Unit World History 1 Unit U.S. History 1 Unit Political Systems/Economics	3 Units including: 1 Unit World History 1 Unit U.S. History 1 Unit Political Systems/Economics
Modern/Classical Language:	2 Units (same language) Students may choose according to interest.	No Units Required
Health and Physical Education:	1 Unit including: ½ Unit Introduction to Health ½ Unit Introduction to Lifetime Fitness	1 Unit including: ½ Unit Introduction to Health ½ Unit Introduction to Lifetime Fitness
Computer Science and/or Fine Arts and/or Technical and/or JROTC and/or Modern/Classical Language:	1 Unit of any combination	1 Unit of any combination cannot be work study credit beginning 1999-2000
Technical Education:	No Units Required for College Preparatory <i>Required for Dual</i> Students who complete the college Preparatory Program may also receive the Technology/Career Preparatory Diploma with at least 4 additional units from the Technical Education course offerings	4 Units including: 3 Units in a concentrated Technical area and 1 Unit in a related Technical area Related technical areas include any technical course that supports the technical concentration area.
Electives:	4 Units <i>College Preparatory with Distinction</i> 2 Units From Core Courses or Fine Arts Required	3 Units <i>Technology/Career-Preparatory with Distinction</i> 4 Units and 1 Unit From Core Courses or Fine Arts Required
	22 Total Units: Required for Graduation	22 Total Units: Required for Graduation
	22 Total Units: Minimum for College Preparatory 22 Total Units: Minimum for Dual 24 Total Units: Minimum for college Preparatory with Distinction 24 Total Units: Possible	22 Total Units: Minimum for Technology/Career-Preparatory 24 Total Units: Minimum for Technology/Career-Preparatory with Distinction 24 Total Units: Possible

Gwinnett County Public Schools

Recommended High School Mathematics Sequence

For Freshmen Entering High School 2005-2006



The recommended high school mathematics placement for 8th grade Algebra students will be based on test average and teacher recommendation.