

Index for Registration Guide

| | |
|--|--------------------------|
| Contents | |
| Advanced Programs of Study | 8-9 |
| AR Burton | 10 |
| Career-Technical Preparation | 9-10 |
| Class Rank | 8 |
| Credit Check Sheet | 44 |
| Drop/Add Guidelines | 2-3 |
| Dual Enrollment Application Procedures | 46 |
| Dual Enrollment at SHS & VWCC | 9 |
| Electives Offered | 51 |
| Fine or Practical Art Graduation Requirement | 7 |
| Governor's Career & Technical Academy | 10, 33 |
| Governor's School for Science & Technology | 8-9 |
| Grade Point Average | 7 |
| Graduation Credits | 3-4 |
| Graduation Requirements | 4-6, 48-49 |
| Guidance | 10, 34 |
| Instructions for Registration | 2 |
| International Baccalaureate | 8, 11, 43 |
| NCAA Eligibility Requirements | 40-41 |
| Parent Portal - PowerSchool | 34 |
| Planning Guide | 36 |
| Pyramid of Success | 35 |
| Registration Form - Working Copy | 45 |
| Requirements for Advanced Studies Diploma | 5-6, 48-49 |
| Requirements for Standard Diploma | 4-5, 48-49 |
| Requirements for the Modified Standard Diploma | 6, 48-49 |
| SAT/ACT Dates | <i>Inside Back Cover</i> |
| Senior Checklist | 47 |
| Student Promotion | 4 |
| Suggested Course Sequence | 38-39 |
| Suggested Electives for Career Majors | 37 |
| Summary Table of Graduation Requirements | 42 |
| Course Descriptions | |
| Art | 12 |
| Business | 13 |
| English | 15 |
| Family and Consumer Sciences | 17 |
| History and Social Science | 18 |
| Marketing Education | 20 |
| Mathematics and Computer Science | 20 |
| Performing Arts | 23 |
| Physical Education and Health | 24 |
| Science | 26 |
| Special Education | 27 |
| Technology Education | 28 |
| Trades and Industrial Education | 29 |
| World Languages | 30 |

Introduction

The Registration Guide contains information regarding course offerings, recommended course sequences, policies, requirements, and services. This information has been prepared to enable students and parents to make informed decisions regarding a program of study and to prepare for the lifelong career decision-making process.

A strong high school background is essential for success in the workplace or in post-secondary education. In selecting a program of studies, students should recognize that employment and college admissions are highly competitive. Rigor of curriculum, grade point average, attendance, and standardized test scores are crucial factors in decisions made by employers and college admissions personnel. It is important for students to select a challenging program of studies consistent with career goals and post-secondary plans.

The registration process is a serious matter for students and for schools. For students, the course selections made during registration formulate a student's program of study for the next school year. This program must consider current academic progress and future goals for the student. For schools, the registration process guides staffing and budgetary decisions for the following school year. For these reasons, a student's requests cannot be made in a rushed or whimsical manner. The requests made by a student represent a commitment to meet the prerequisites of the requested courses by finishing the current school year with the best possible grades and to follow the program of study agreed upon during spring registration with equal academic effort.

Inevitably, some changes are required when a prerequisite is not met or when an elective choice made by a student is not available. Changes in a student's schedule will not be made prior to the opening of school simply to accommodate a change of mind. Doing so runs the risk of overloading classes for the vast majority of students that seek to fulfill their registration commitment. For these reasons, parents and students are encouraged to take their time, consult with teachers and school counselors, and make sound decisions. If you have any questions regarding the process, please contact your student's counselor. **For a list of counselor names, email addresses, voice mail numbers and the students they serve, see page 10.**

General Instructions for Registration

1. Students select courses they wish to take including required courses.
2. Students may take 7 credits, but no fewer than 5. Exceptions to taking a minimum of 5 courses will be made only by the superintendent or his designee.
3. Students must meet all prerequisites for courses.
4. Students should review course selections with parents and counselors to determine consistency with educational and career plans.
5. Students complete registration form.
6. Parents sign registration form noting approval of course selections.
7. Students who fail to register will have courses selected by school counselors.

Students who do not meet prerequisites at the end of the school year and who do not attend summer school will have their schedules adjusted by the guidance department.

Course offerings are contingent upon sufficient enrollment and staffing.

Drop/Add Guidelines

Changes from one course to another will be made under the following circumstances only:

- A. Failure of a course which is a prerequisite for a scheduled course or a graduation requirement
- B. Human or computer error
- C. Change in a program of study
- D. Grouping adjustments and balancing of class sizes
- E. Recommendation of screening committee and/or eligibility committee

Adding a Course

- A. No student may add a course after the first seven days of a semester.
- B. Student athletes are reminded that they must carry a minimum of five credit-bearing courses at all times. Questions should be referred to the athletic director.
- C. Transfer students from other accredited schools will be the exception to this policy and will be evaluated and placed based upon the merits of their individual cases.

Dropping a Course (Withdrawal Policy)

A student interested in dropping a course should request a Drop Request Form from the guidance office. A parent or guardian, the teacher of the class, and the student must sign the form. The student is responsible for returning the signed form to his or her school counselor, who will make a recommendation to the administration in accordance with school procedures. The counselor will advise the student of the administrative action regarding the drop request.

The following restrictions apply:

During the first six weeks of a full-year course or the first three weeks of a semester course:

- A full-year course dropped during the first six weeks will not appear on the student's report card or transcript and will not be calculated in the student's GPA.
- A semester course dropped during the first three weeks of a semester will not appear on the student's report card or transcript and will not be calculated in the student's GPA.

When the student is *passing* the course:

- A full-year course dropped by a student who is passing after the first six weeks will appear as a "WP" (withdrew passing) on the student's report card and transcript and will not be calculated in the student's GPA.
- A semester course dropped by a student who is passing after the first three weeks will appear as a "WP" (withdrew passing) on the student's report card and transcript and will not be calculated in the student's GPA.

When the student is *failing* the course:

- A full-year course dropped by a student who is failing after the first six weeks will appear as a "WF" (withdrew failing) on the student's report card and transcript and will be calculated in the student's GPA as a credit attempted (1.0) with a grade of "F".
- A semester course dropped by a student who is failing after the first three weeks will appear as a "WF" (withdrew failing) on the student's report card and transcript and will be calculated in the student's GPA as a half-credit attempted (0.5) with a grade of "F".

Students are not permitted to drop a course during the last grading period of the course.

Withdrawal from Pre-IB, IB and Dual Enrollment Courses

IB and Dual Enrolled courses are college-level courses. Consistent with college practices, withdrawals appear on the transcript as a WP (withdrew passing) or WF (withdrew failing). Students registering for one of these courses are required to stay in the course for at least 1 grading period. If a student decides to drop such a course at the end of the first

grading period, there is no guarantee that the student will be able to transfer to a new course. Study hall might be the only option. Keep this in mind when registering for IB, pre-IB or Dual Enrolled courses.

By registering for an advanced course, the student and parent/guardian agree to abide by the Commitment to Advanced Programs of Study (page 8).

Attention Athletes!

Student athletes are eligible for sports only if they passed 5 courses during the previous semester and are currently enrolled in 5 courses. Repeat classes do **not** count in this total. If a student drops a class during a semester leaving fewer than 5 courses in his or her schedule, the athlete immediately becomes ineligible to participate in a sport that semester and the following semester. First-time freshmen are eligible fall semester regardless of grades the previous semester.

Graduation Credits

The graduation credits carried by a course are a function of the number of hours of instruction required by a course. A 90-hour course will offer 0.5 graduation credit, a 180-hour course will offer 1.0 graduation credit, and a 360-hour course will offer 2.0 credits.

Denial of Credit

Graduation credits are a function of the number of hours of instruction required by a course. Accordingly, students with excessive absences may be denied credit. Standards of student attendance and consequences for unsatisfactory attendance are a part of the Salem City School Board Attendance Policy.

Standard Unit of Credit

A Standard Unit of Credit in a course that does not have an end-of-course SOL test is earned by a student who successfully completes a course with a grade of "D" or better and maintains good attendance.

In courses having an end-of-course SOL test, a student must also pass the SOL test or successfully complete an approved remediation program in order to receive a Standard Unit of Credit.

Verified Unit of Credit

A Verified Unit of Credit is earned by successfully completing a course that has an end-of-course SOL test with a grade of "D" or better, passing the end-of-course SOL test, and maintaining good attendance.

Failure to pass an end-of-course SOL test will result in a grade of incomplete ("I") for the course.

To convert the “*I” to a course grade, a student must successfully complete an approved remediation program. Failure to successfully complete an approved remediation program results in a grade of “F” for the course. If a course is a prerequisite or a specific graduation requirement, the course will have to be repeated. For example, a student that completes English 11 in grade 11, fails the SOL test, and does not complete an approved remediation program, will have to repeat English 11 before taking English 12.

Graduation Credits in Middle School

High school courses that may be taught at the middle school are the same as courses taught at the high school and carry the appropriate high school credit and SOL requirements.

Grades Dropped at the Middle School

A course having the grade dropped at the middle school may not be used as a prerequisite for a course at the high school. For example, if parents elect to have a grade for French 1 dropped from their child's middle school transcript before entering high school, French 2 could not be taken until French 1 had been repeated.

Student Promotion

A. Promotion for grade classification purposes is based upon the total number of credits accumulated as follows:

Sophomore.....5 credits
Junior 11 credits
Senior..... 17 credits

B. Policy for Accepting Credit From Other Schools

Transfer students from other schools will be evaluated on an individual basis. Placement exams may be required for transfers from nonaccredited schools.

Transfer students who take courses from Virginia Western Community College will have those credits accepted at Salem High School only if the course has been pre-approved, qualifies as a 100 or 200 level course and if VWCC awarded credit. For example, Algebra 2 at VWCC is remedial and credit is not awarded. Likewise, credit would not be awarded at SHS. This policy does not apply to dual-enrollment courses at SHS.

Credit earned from online academic programs must have prior approval from the principal. **Such courses will not be approved unless the class has at least 3 face-to-face meetings between the teacher and student or unless the course is part of the Virginia Virtual School offered through the Virginia Department of Education.**

Graduation Requirements

The following graduation requirements apply to students who began 9th grade prior to 2010.

Students who began 9th grade in 2010 (the class of 2014) or later should refer to the requirements detailed on page 48 and 49.

Requirements for Graduation

The requirements for a student to earn a diploma from a Virginia high school shall be those in effect when that student enters the ninth grade for the first time. Students may be awarded a diploma or certificate upon graduation from a Virginia high school.

Requirements for a Standard Diploma

1. Students shall earn the standard units of credit outlined in Table 1.
2. Students may submit an appeal to receive locally awarded verified credit for the Standard Diploma in science and/or history and social science if they meet all four of the following criteria:
 - a) The student passed the course.
 - b) The student completes and returns the required form to request an appeal to the guidance office.
 - c) The student has taken the required end-of-course SOL test at least two times.
 - d) The student achieved a minimum score of 375 on at least one of the attempts.

Please note: Locally Awarded Verified Credit may not be used for the Advanced Studies Diploma, and is not available for English or mathematics end-of-course SOL tests.

Students who complete the requirements for a Standard Diploma with an average grade of “A” (3.5 gpa or higher) will receive a Board of Education Seal on the diploma.

Table 1: Credits Required for Graduation with a Standard Diploma

| Discipline Area | Standard Units | Verified Credits |
|--|----------------|------------------|
| | Required | Required |
| English | 4 | 2 |
| Mathematics ¹ | 3 | 1 |
| Laboratory Science ² | 3 | 1 |
| History and Soc. Sciences ³ | 3 | 1 |
| Health and Phys. Ed. | 2 | |
| Fine Arts or Practical Arts | 1 | |
| Electives ⁴ | 6 | |
| Student Selected Test ⁵ | | 1 |
| Total | 22 | 6 |

¹Mathematics:

Courses completed to satisfy this requirement shall be at or above the level of algebra and shall include at least two course selections from among: Algebra 1, Geometry, Algebra 2, or other mathematics courses above the level of algebra and geometry. The Board may approve additional courses to satisfy this requirement. (Computer Math has been approved for meeting the Standard Diploma.)

²Science:

Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: earth science, biology, chemistry, or physics. The Board may approve additional courses to satisfy this requirement.

³History & Social Science

Courses completed to satisfy this requirement shall include U.S. & Virginia History, U.S. & Virginia Government, and one world history/geography course. Courses which satisfy the world history/geography requirement are: (i) World Geography, (ii) Modern World History, (iii) Ancient World History or (iv) a semester course of World History Part 1 and a semester course of World Geography. The Board may approve additional courses to satisfy this requirement.

⁴Electives:

Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality. Sequential electives are a series of two related, one-credit courses in a content area.

⁵Student Selected Test

A student must pass one or more SOL tests of their own choosing. As an alternative, a student may utilize additional tests for earning verified credit in computer science, technology, or other areas as prescribed by the Board in 8VAC 20-131-110.B

⁶For the Standard Diploma only, students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or profes-

sional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.

Requirements for an Advanced Studies Diploma

Students shall earn the standard and verified units of credit outlined in Table 2.

Students who complete the requirements for an Advanced Studies Diploma with an average grade of "B" or better, and successfully complete at least one International Baccalaureate (IB) or one college-level course for credit will receive the Governor's Seal on the diploma.

Table 2: Credits Required for Graduation with an Advanced Studies Diploma

| Discipline Area | Standard Units | Verified Credits |
|--|----------------|------------------|
| | Required | Required |
| English | 4 | 2 |
| Mathematics ¹ | 4 | 2 |
| Laboratory Science ² | 4 | 2 |
| History and Soc. Sciences ³ | 4 | 2 |
| World Language ⁴ | 3 | |
| Health and Phys. Ed. | 2 | |
| Fine Arts or Practical Arts | 1 | |
| Electives | 2 | |
| Student Selected Test ⁵ | | 1 |
| Total | 24 | 9 |

¹Mathematics:

Courses completed to satisfy this requirement shall be at or above the level of algebra and shall include at least three different course selections from among: Algebra 1, Geometry, Algebra 2, or other mathematics courses above the level of Algebra 2. The Board may approve additional courses to satisfy this requirement. (Computer Math does not meet the requirements for an Advanced Studies Diploma.)

²Science:

Courses completed to satisfy this requirement shall include course selections from at least three different science disciplines from among: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma. The Board may approve additional courses to satisfy this requirement.

³History & Social Science

Courses completed to satisfy this requirement shall include U.S. & Virginia History and U.S. & Virginia Government. Other requirements include two courses from: (i) World Geography; (ii) Modern World History; (iii) Ancient World History (iv) a semester course of World Geography, a semester course of World History Part 1, and a yearlong course of World History Part 2. The Board may approve additional courses to satisfy this requirement.

⁴World Language:

Three years of one language or two years each of two languages.

⁵Student Selected Test

A student must pass one or more SOL tests of their own choosing. As an alternative, a student may utilize additional tests for earning verified credit in computer science, technology, or other areas as prescribed by the Board in 8VAC 20-131-110.B.

Requirements for the Modified Standard Diploma

1. The Modified Standard Diploma program is intended for certain students at the secondary level who have a disability and who may not meet the credit requirements for a Standard Diploma. Eligibility and participation in the Modified Standard Diploma program shall be determined by the student's Individual Education Program (IEP) team and the student, where appropriate, at any point after the student's eighth grade year.
2. The school must secure the informed written consent of the parent/guardian and the student to choose this diploma program after review of the student's academic history and the full disclosure of the student's options.
3. The student who has chosen to pursue a Modified Standard Diploma shall also be allowed to pursue the Standard or Advanced Studies Diploma at any time throughout that student's high school career. The student must not be excluded from courses and tests required to earn a Standard or Advanced Studies Diploma.
4. Students pursuing the Modified Standard Diploma shall pass literacy and numeracy competency assessments prescribed by the Board.
5. The student must meet any additional criteria established by the Board.

Table 3: Credits Required for Graduation with a Modified Standard Diploma

| Discipline Area Required | Standard Units |
|--|-----------------------|
| English | 4 |
| Mathematics ¹ | 3 |
| Science ² | 2 |
| History and Soc. Sciences ³ | 2 |
| Health and Phys. Ed. | 2 |
| Fine or Practical Arts | 1 |
| Electives ⁴ | 6 |
| Total | 20 |

¹Mathematics:

Courses completed to satisfy this requirement shall include content from among applications of algebra, geometry, personal finance, and statistics in courses that have been approved by the Board.

²Science:

Courses completed shall include content from at least two of the following: applications of earth science, biology, chemistry, or physics in courses approved by the Board.

³History & Social Science

Courses completed to satisfy this requirement shall include one unit of credit in U. S. and Virginia History and one unit of credit in U. S. and Virginia Government in courses approved by the Board.

⁴Electives:

Courses to satisfy this requirement shall include at least two sequential electives in the same manner required for the Standard Diploma.

Certificate of Program Completion

In accordance with the requirements of the Standards of Quality, students who complete prescribed programs of studies defined by the local school board but do not qualify for diplomas shall be awarded Certificates of Program Completion.

Personal Finance Requirement

In December 2005, the Salem School Board approved the creation of a one semester Personal Finance graduation requirement. This requirement begins with the graduating class of 2011 (the 9th grade class of 2007-08). For students entering SHS in 2007 and later, Personal Finance will be required for all students. Students enrolled at SHS prior to the 2007 Fall semester may choose to meet either the Computer Literacy requirement or the Personal Finance requirement.

Fine or Practical Art Graduation Requirement

The following courses meet the Fine or Practical Art Requirement for graduation. Students may complete two semester classes or one full-year course.

Semester Courses

Art Foundations
Advanced Drawing
Ceramics
Intro to Arch.
Vocal Ensemble
Keyboarding
Beg. or Adv. Painting
Education for Work 1
Graphic Arts Design
Computer Art Graphics
Personal Investing
Personal Finance
Business Law
Notehand
IB Music
Computer Solutions
Desktop Publishing
Multimedia Presentations
Marching Band
IB Theory of Knowledge
Computer Programming
Photography
Welding Exploratory
Intro to Automotive
Exploring Foods
Computer Applications
Child Development

Full-year Courses

IB Art
Accounting
Computer Information Systems
Women's Choir
Photojournalism
Drama
IB Theater
Newspaper Production
Marketing
IB Computer Science
Band
Concert Choir
Vocal Ensemble
Chorale
IB Business & Management
Education for Work 2
Technical Drawing
Engineering Drawing
Architectural Drawing
Auto Body
Early Childhood Education
Culinary Arts
Auto Service Technology
Welding

Grade Point Average

Grade Point Average (GPA) is a primary factor used by colleges, scholarship committees, and employers in the selection of students for admission, scholarship awards, and employment. It is imperative that a student's GPA accurately reflects, to the greatest extent possible, the performance of the student.

The number of graduation credits carried by a course is multiplied by a numerical grade equivalent. That product is added together with the product of every other course taken by the student. The result is divided by the total number of credits attempted by the student. The resulting number is the student's GPA.

All courses taken at Salem High School are included in the calculation of GPA. Numerical grade equivalents are weighted on the basis of the difficulty of courses. Generally, numerical equivalents are assigned on the four-point scale listed here:

A = 4; B = 3; C = 2; D = 1; F = 0

College level courses, described as core academic dual enrollment or International Baccalaureate courses,

have a higher numerical equivalent than other high school courses to reflect their substantially greater difficulty. In order to prepare students for the rigorous nature of the International Baccalaureate, it is necessary to offer courses in the ninth and tenth grades which are also rigorous. These pre-IB courses are given a numerical equivalent intermediate between the college level courses and all other courses. The following numerical equivalents are used for college level and pre-IB courses:

IB Courses

A = 5
B = 4
C = 3
D = 1
F = 0

Pre-IB Courses

A = 4.5
B = 3.5
C = 2.5
D = 1
F = 0

Courses taught by the Roanoke Valley Governor's School for Science and Technology are also substantially more challenging than standard courses. Students who choose to enroll in the Governor's School may request in advance that their courses be evaluated and assigned a numerical equivalent for grade point average calculation.

SHS Grading Scale

A 94-100
B 87-93
C 79-86
D 70-78
F 69 and below

How To Compute Grade Point Average

A student's grade point average is computed using the end-of-year grades. IB courses are computed on a 5 point scale. Pre-IB courses are computed on a 4.5 point scale. All other courses are computed using a 4 point scale: A=4, B=3, C=2, D=1, F=0. Credits earned by transfer students from accredited schools are included in the computation.

Courses taken and passed may be repeated. All grades remain on the student's transcript and all final grades are used for computing grade point average. Credit is awarded one time only, and we caution student athletes that a repeat class does not count towards determining eligibility for sports.

The GPA weight for each course is listed in the registration guide immediately after the number of credits the course carries, such as GPA: 4.0, GPA: 4.5, or GPA: 5.0.

Class Rank

Salem City Schools do not rank students within their class. For the purposes of facilitating college applications, the average GPA of a class will be listed on transcripts issued to colleges.

Advanced Programs of Study

Salem High School offers a number of courses which provide more depth and cover more material than their grade level counterparts. A significant amount of work outside class is to be expected. Students may be required to apply for specific courses.

Commitment to Advanced Programs of Study (IB, pre-IB, Dual Enrolled)

By registering for an advanced course, the students and parent/guardian understand and agree to the following:

1. The student must complete any summer reading or other summer requirements of the class.
2. The student must not attempt to drop the class prior to the opening of the fall term because he/she has not completed summer requirements.
3. The student must remain in class a minimum of 6 weeks.
4. If a student drops an advanced class after 6 weeks there is no guarantee that a replacement class will be available. Other classes will not be overloaded to accommodate the drop.
5. The sequence of courses in an IB program of study differs from the sequence in a less rigorous program. An untimely exit from the program may impact the course selections available to him/her.
6. The student must realize that an advanced course requires commitment, and assigned work must be completed in a timely and acceptable manner.
7. The student must strive to maintain an excellent attendance record.
8. The student must be a positive contributor to the class by being well prepared, by taking well organized notes during class presentations, and by being willing to share ideas in class discussions.
9. It will be very difficult to be successful in IB courses and hold down a job. The Salem High School Staff does not recommend part-time employment for IB students.
10. The student must abide by the school Ac-

ademic Honor Code. In addition, parents must agree to provide necessary support to the student in his/her efforts in the class(es), and to encourage him/her in meeting the above commitments.

International Baccalaureate

The International Baccalaureate Program (IB) is recognized around the world as a symbol of academic integrity and intellectual promise in young adults. The two-year course of study offers highly motivated students and academically talented students a comprehensive liberal arts education that goes beyond the regular high school curriculum to challenge their intellectual, social and critical perspectives of the world. Students learn to do research, to analyze, and to demonstrate tolerance for and a willingness to communicate with others.

More than 1600 schools in 120 countries offer the International Baccalaureate Program. Salem High School has been a member of the International Baccalaureate Organization since 1990.

Students may elect to earn certificates, or they may pursue the IB Diploma which requires satisfactory completion of six subjects, with three or four at the higher level and others at the standard level. All diploma candidates also must submit an extended essay in one of their subject areas and complete a course in the theory of knowledge. To round out their education, students actively participate in approved extracurricular activities and service projects. External examinations occur in May of each year. Colleges may use examination scores to determine placement or credit.

IB credits are recognized and accepted for college credit or placement at hundreds of universities including UVA, Virginia Tech, JMU, William and Mary and many others. Acceptance policies from colleges is on the IB website, www.ibo.org.

Students who register for IB and Pre-IB courses are expected to make the necessary commitment to be successful in a rigorous program of study.

By registering for an advanced course, the student and parent/guardian agree to abide by the Commitment to Advanced Programs of Study.

The Governor's School for Science and Technology

The Governor's School is a regional center for the study of advanced courses in science, mathematics, computer applications, and technology. Students who apply for admission are selected competitively. Students should be academically prepared and motivated to want to learn advanced science and math. Participating school divisions are Roanoke

City, Roanoke County, Franklin County, Salem City, Botetourt County, Bedford County and Craig County.

Students must have successfully completed Algebra 1 and Geometry prior to enrollment. The application period is January through mid-March. Parents, accompanied by the student, may receive an application at any of the scheduled valley-wide informational meetings.

The Salem School Division does not provide transportation to the Governor's School. Nonresident students should apply through the school in their attendance area. Students who elect to complete course work at the Roanoke Valley Governor's School may have to make alternate course selections at their home school due to schedule constraints and may lose a class period that could include an elective due to the time spent traveling to/from the Governor's School.

Dual Enrollment at SHS & VWCC

Dual Enrollment Courses

Salem High School courses that offer Dual Enrollment (College) Credit with Virginia Western Community College have a "VWCC" in the course description heading.

Please Note: Availability of Dual Enrollment Credit is subject to change based on: student requests, availability of qualified staff, and budgetary considerations.

Salem High School has a rigorous course of study which includes several college level courses. In recognition of this, Virginia Western Community College has agreed to give college credit for a number of courses being taught at Salem High School.

Students enroll for two semesters of college instruction in most classes and receive three or four college credits each semester for courses successfully completed. However, some yearlong classes are dual-enrolled for only one semester. Courses are taught at Salem High School by college-accredited high school staff. Books for the courses are provided at no charge to the student. Students who drop a dual enrolled course at SHS must also do so through the IB office.

Dual Enrollment is optional. Students who desire to receive college credit must register and pay tuition as a Virginia Western student. Registration occurs twice a year with fall semester (August) and spring semester (January). Students register and pay for classes at Salem High School through the IB office.

Virginia Western Community College tuition is determined by the number of credit-hours a student elects to dual enroll and is

subject to change. Scholarships are available.

VWCC credits can be transferred to many colleges and universities, dependent upon admission practices. Students and parents are encouraged to contact the admissions office at universities of interest to the student and inquire about credit transfer policies.

Career & Technical Preparation

Tech Prep/Career Pathways

Tech Prep/Career Pathways is a sequence of study beginning in high school and continuing through at least two years of post-secondary education.

The program prepares students for direct entry into the workplace after high school and for advanced study leading to a college degree. Tech Prep/Career Pathways is a combination of academic and technical courses providing knowledge and skills needed for success in modern business and industry. It requires a high level of academic and technical preparation and readiness for advanced study beyond high school.

Opportunities to develop leadership, social, civic, and occupational skills exist through the Technology Student Association (TSA), Future Business Leaders of America (FBLA), Future Career and Community Leaders of America (FCCLA), Skills USA, and DECA.

Career and Technical Education can help the student:

- *Know and appreciate the importance of technology.
- *Apply tools, materials, processes, and technical concepts safely and efficiently.
- *Uncover and develop individual talents.
- *Apply problem solving techniques.
- *Apply other school subjects.
- *Apply creative abilities.
- *Deal with forces that influence the future.
- *Adjust to changing environment.
- *Become a wiser consumer.
- *Make informed career choices.

Areas of Career/Technical Focus

Auto Body Repair
Auto Service Technology
Business/Office Administration & Marketing
Computer-Aided Drafting
Early Childhood Education
Culinary Arts
Welding

The Virginia Department of Education and the City of Salem School Division define a program completer as

a student who successfully fulfills all minimum requirements of an approved career and technical education program. An approved career and technical education program consists of a sequence of courses or learning experiences designed to develop competencies required for specific career fields or continuing education.

Governor's Career and Technical Academy

The regional center for the study of engineering, advanced mechatronics, culinary arts, and air conditioning and refrigeration is a career pathway focused half-day program designed for eleventh and twelfth grade students from Craig County, Botetourt County, Franklin County, Roanoke County, Roanoke City, and the City of Salem, who have creative, capable minds and a strong interest in applied academics.

The Academy will make every effort to stress critical skills and behaviors identified as being the most important skills and behaviors for success for workers in modern business integrating core academic, workplace readiness skills, and enhanced computer literacy into all curricula.

Students will be awarded 1 weighted credit for each semester of full time attendance at the academy. Full time attendance is defined as 8:30AM-10:45AM Monday through Friday. Transportation to and from the academy will be the responsibility of the parent/guardian. For more info see page 33.

Arnold R. Burton Technical Center

SHS students may attend a 1/2-day program at A. R. Burton Technical Center under a cooperative agreement between Salem and Roanoke County. This allows students increased opportunities for learning on a space-available basis. Programs are selective and by application. Students should notify the counselor of their interest during registration. Application materials will be sent to students. Students will be notified of acceptance by June 1.

Programs at Burton Vocational/Technical School

Floral Design/Greenhouse Production, Landscaping/Nursery Management, Cosmetology, Electronics, Masonry, Power Mechanics, Building Trades, Computer Information Technology, Electricity, Graphic and Advertising Design, Medical & Health Sciences

Student Fees

In some elective courses it may be necessary to charge a fee for materials that are consumed or retained by the students, or for specific supplies in excess of what is required for students to complete class assignments. However, fees of this nature should never prevent or discourage students from registering for a course. Financial assistance is available for students who qualify. For additional information regarding financial assistance please see Mr. Habeeb, the Assistant Principal for Instruction.

SHS Guidance Department

During school hours call: 387-2437

Students Last Names (A—D):

Steve Kitchen—email: skitchen@salem.k12.va.us
24 hr./day confidential voice mail: (800) 832-1464

Students Last Names (E-I):

Buddy Ward—email: bward@salem.k12.va.us
24 hr./day confidential voice mail: (800) 832-1602

Students Last Names (J-P):

Regina Meredith—email: rmeredith@salem.k12.va.us
24 hr./day confidential voice mail: (800) 832-1622

Students Last Names (Q-Z):

Kelly Dalaski—email: kdalaski@salem.k12.va.us
24 hr./day confidential voice mail: (800) 832-1470

Guidance Secretary

Tammy Chitwood—email: tchitwood@salem.k12.va.us
24 hr./day confidential voice mail: (800) 832-1607

Advanced Studies Diploma Requirements

4 credits of English
4 credits of science
4 credits of history/social science
4 credits of math
3 or 2 + 2 of world language
2 health and 2 PE courses
Personal Finance/Economics

Students must also earn 9 Verified Credits—two each in English, math, science, and history/social science and one student-selected test.

Career Information Virginia View Hotline

1-800-542-5870
World Wide Web Address:
<http://www.vaview.vt.edu>
<http://www.kuder.org>

The City of Salem Schools does not unlawfully discriminate on the basis of race, color, national origin, disability, gender or age in employment or in its educational programs and activities.



Since 1993, 124 Salem High School students have earned the prestigious International Baccalaureate Diploma. Over 900 students have earned International Baccalaureate Certificates in individual courses.

Todd Gleeson
Henry Tien
Kevin Dalal
Matt Hattfield
Tim Moser
Brent Sower
Tim Herby
Jay Kirby
Asif Kahn
Scott Ashcraft
Eric McMillan
Megan Powers
Eric Phelps
Robert Seagle
Trent Edwards
Zach Hurst
Amy Moore
Molly Holtman
Keith Bishop
Jessica Pitts
Gerald DeMasters
Marilyn Huang
Eric Millard
Joy Appel
Patrick Bell
Grant Hines
Autumn Ford
Daniel Reese
Corynne McCluskey
Darrah Whitt
Tram Ho

David Clark
Everett Kier
Andrea Ogier
Jennifer Rudolph
Amy Hemberger
Aaron Post
Tyler Overstreet
Ed Hrinya
Beth Kavitz
Leonee Derr
Zane Hurst
Runal Mehta
Tiffany Kidd
Bryan Thorne
Justin Farmer
Brooke Ashcraft
Aaron Dalton
Sarah Garrison
Duc Ho
David Jones
Craig Kemper
Moriah Moore
Cline Reasor
Gaea Rich
Erin Fagg
Meghan Hochkeppel
Sara Page
Andrew Dalton
Andrew Guidry
Abby Keene-Babcock
Sarah Koss

Alison Hemberger
Cassie Houff
Carly Humphrey
Emmalee Morris
Adam Reinhard
Michelle Thorne
Jessica Thurston
Matt Turbyfill
Brianna White-Gaynor
Kelly Yeatts
Ellen Bowen
Nic Byrd
Jennifer Chang
Chris Dadak
Michael Detweiler
Paul Eller
Derek Fagg
Ashley Heavner
Anne Hughes
Jessy Hylton
Amy McLaren
Conley Owens
Andrew Page
Alison Penney
Lauren Sexton
Catherine Abbot
Alison Byrd
Kelly Carter
Tory Hanabury
Caroline Lindsey
Amrita Raja

Britnee Shupe
Kim Von Achen
Ashley Whisnant
Austin Bond
Chris Dorsey
Tony Nelson
Stephanie Shupe
Ursula Dilley
Aquisi Harris
Taylor Harveycutter
Michael Hochkeppel
Molly King
Laura Koss
David Lindsey
Dhvani Patel
Gaurav Raja
Barret Sowers
Liz Arthur
Kaitlyn Bixel
Lucas Hakkenberg
Vishwas Jhaveri
Matt Lipscomb
Leanna Minnix
Cristina Page
Nitya Reddy
Amy Sailer
David Chang
Ruthie Edwards
Harrison Freund
Joel Smith
Danielle Stump

Salem High School encourages its students to choose challenging courses. Studies have shown that one of the best indicators of future academic success is the rigor of classes taken in high school.

We also have found that prior academic success is a helpful predictor of how a student will do in a course. Therefore, courses in this Registration Guide have their own recommendations as to what grade a student should have earned in a previous course before taking a new course.

We strongly encourage students and parents to take these recommendations into consideration when making course requests. Furthermore, we encourage all students to speak with their current teachers and their school counselor for advice on what classes to take next year.

Art

Art Foundations (9120)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Art Foundations is a one-semester studio course designed to introduce students to various techniques and media used in both two- and three-dimensional design. Students will study and work in such areas as drawing, painting, sculpture, printmaking, commercial art, and art appreciation with emphasis on the elements of art and the principles of design. Students are responsible for some art supplies.

Advanced Drawing (9140)

Prerequisite: Art Foundations
Credit: 0.5 GPA: 4.0

Advanced Drawing is a one-semester studio-oriented course designed to provide students an opportunity to expand on experiences and processes previously learned in Art Foundations. Students are encouraged to develop independent thinking, self-confidence, self-expression, and perceptual awareness in solving accelerated studio problems. Areas of study include composition, sketching and shading techniques, perspective, figure drawing and portraits.

Ceramics 1 (9175)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Ceramics 1 is a one-semester course designed to introduce students to various methods and materials used in Ceramics. Students will have the opportunity to create pottery through both hand building and wheel throwing and to mix clay and ceramic glazes. Students will make items such as flower vases, wall plaques, mugs, pitchers, wind chimes and lanterns. Students will be asked to pay a \$10 materials fee.

Ceramics 2 (9176)

Prerequisite: Ceramics 1
Credit: 0.5 GPA: 4.0

This ceramics class is a one-semester course designed for students who want to further their experiences in pottery and ceramics. Students will be asked to pay a \$10 materials fee.

Ceramics Aesthetics (9162)

Prerequisite: Ceramics 2; Instructor Permission
Credit: 0.5 GPA: 4.0

This class is a one-semester course for students who have had Ceramics 1 and Ceramics 2 and who want to continue to express themselves through this medium. In-depth work in wheel throwing, hand-building techniques and clay and glaze mixing will be stressed. Students will be asked to pay a \$10 materials fee.

Beginning Painting (9130)

Prerequisite: Art Foundations
Credit: 0.5 GPA: 4.0

Beginning Painting is a one-semester course designed to introduce students to varied painting techniques and media. Students will be introduced to basic color theory and will have opportunities to work in watercolor and oil painting. Students will be asked to furnish certain basic supplies. The estimated cost of materials is \$15.

Advanced Painting (9145)

Prerequisite: Beginning Painting
Credit: 0.5 GPA: 4.0

Advanced Painting is a one-semester course presenting students with the opportunity to further express themselves through painting. Students will work with watercolor and oil paints while studying and experimenting with various painting styles.

Graphic Arts Design (9153)

Prerequisite: Art Foundations
Credit: 0.5 GPA: 4.0 **VWCC**

This semester course is an introductory exploration of computer graphics as a technology and a creative medium. Through industry-standard software, such as Photoshop and Illustrator, students learn the fundamentals of working with vector and raster editing software. Students will design their own images and artwork, emphasizing composition, with the elements and principles of design. They will learn about production workflow, special effects, scanning and output. Typography design will also be included. The elements of art and principles will be stressed. Students will work with computers, scanners, and digital cameras, to develop their artwork. A creative portfolio will be required.

Computer Art Graphics (9180)

Prerequisite: Art Foundations
Credit: 0.5 GPA: 4.0 **VWCC**

This course explores the possibilities of the computer as a medium to create images and illustration through the use of popular software. Concepts and sketches are developed technically, and the computer is applied as a tool to produce finished pieces. Personal approach and style are emphasized. Students will be exposed to one of the industry's most powerful tools, Adobe Illustrator. Students will create vector graphics; assign colors and other visual properties; transform objects by layering, rotating, resizing, grouping and skewing. They will explore the palettes; colors, strokes, layers and gradients.

IB Art 1: Standard Level (9147)

Prerequisite: Adv. Drawing; Grade 11 or 12; Instructor Permission
Credit: 1.0 GPA: 5.0

IB Art 1 is the first class for students who plan to test in IB Art at the higher level. Exact course requirements will depend on whether the student is taking the course on the standard level or higher level. IB diploma candidates may test in IB Art at the standard level as their sixth subject option. Studio work will represent a major part of the course of study. A research workbook (higher level) will comprise the remainder of study. Areas of study may include design, drawing, printmaking, commercial design, painting, aesthetics and art history. Students will be asked to pay a \$20 materials fee.

IB Art 2: Higher Level (9149)

Prerequisite: IB Art 1: Standard Level
Credit: 1.0 GPA: 5.0

IB Art 2 is the second course in the IB Art sequence and in course design is very similar to IB Art 1. Areas of study may include aesthetics, design drawing, art history, painting and sculpture. Students will be asked to pay a \$20 materials fee. Students will have the opportunity to test for IB HL in the Visual Arts.

Business Education

The Business Department welcomes students who are interested in business careers. The fine or practical art requirement for graduation can be satisfied by a one-credit class, two semester classes, or a one-semester class combined with another fine or practical art class. The asterisk () below indicates a class that provides an opportunity to participate in COE (see p. 14). Business Education students are encouraged to join the Salem Business Club (FBLA).*

Keyboarding (6151)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Keyboarding is a semester course in which students learn to type by the touch system. Basic computer and word processing skills are emphasized through the production of letters, reports using the MLA format, and tables. This is a valuable course for college-bound students as well as a requirement for all business completers.

Personal Finance (6121)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Personal Finance is a semester course designed to familiarize students with basic consumer skills that will help them survive "life after graduation" whether in post-secondary education or the workforce. Topics include: Personal Budgeting, Employment, Savings Options, Credit Card Responsibilities, Managing Debt, Shopping Skills, State and Federal Taxes and Consumer Rights and Responsibilities. **This is the only course that satisfies the Personal Finance Graduation Requirement.**

Business Economics (6144)

Prerequisite: None
Credit: 0.5 GPA: 4.0

This course is a one-semester introduction to micro and macroeconomics with an emphasis on the individual student's role in our economic system. It includes a study of the management of financial affairs with an emphasis on the role of the stock market, personal and financial management. **This is the only course that satisfies the Economics Graduation Requirement.**

Personal Investing (9072)

Prerequisite: Personal Finance
Credit: 0.5 GPA: 4.0

This is a semester course designed to build on skills learned in Personal Finance. Students will explore various methods of investing and the risks that can be involved. This class teaches students responsible ways to use credit and encourages students to be responsible consumers and investors. Students will be introduced to the various career opportunities available in the financial and securities markets. The impact of U.S. and global stocks on investment funds will be studied.

Computer Solutions (6609)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Computer Solutions is a semester course for students which trains them to use Microsoft Office integrated software. Students will develop skills by producing letters, reports, memos, tables, merged documents, newsletters and brochures. Students will also become skilled in spreadsheets, graphs, data-bases, and presentation software.

***Computer Information Systems (CIS) (6612)**

Prerequisite: Grade 11 or 12
Credit: 1.0 GPA: 4.0

Computer Information Systems is a yearlong course designed to train students in advanced Microsoft Office business applications. Students will complete applications using Microsoft Excel, Access, Word, and PowerPoint and the integration of this software using various business projects. Students

also will be prepared for skills needed in college and/or jobs. Students will also prepare for MOUS (Microsoft Office User Specialist) Industry Certification related to this course. With teacher approval students may be eligible to participate in the work-study program, Cooperative Office Education (COE).

***Accounting (6320)**

Prerequisite: Grade 11 or 12 (recommended)
Credit: 1.0 GPA: 4.0

Accounting is a yearlong course designed to help students develop an understanding of basic accounting principles. Topics to be studied include opening entries, balance sheets, income statements, worksheets, adjusting and closing entries, payroll, and special journals. Students planning to major in business in college or to work in business will benefit from this course. Students will use computers to solve accounting problems. With teacher approval, students may be eligible to participate in Cooperative Office Education.

Attention Co-op Students

Students requesting Co-op classes will not be released early from school until they actually have a job. Until that point, students will stay in school for the full day and will be placed in a study hall.

***Cooperative Office Education (COE) (6799)**

Prerequisite: Grade 11 or 12; Must have employment in a related field
Credit: 1.0 GPA: 4.0

This course is available to students who enroll in Office Systems, Accounting, Accounting Computer Systems, Computer Information Systems, and Advanced Computer Information Systems. Cooperative Office Education is the supervised, on-the-job instruction phase of an occupational preparation program. Students combine classroom instruction with a minimum of 396 hours of continuous, supervised, on-the-job training during the school year. They receive one credit for the business class and another credit for Cooperative Office Education.

Notehand (6241)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Notehand is a semester course designed to teach a quick, easy-to-use system of alphabetic speed writing while taking dictation, writing notes, etc. This course will be beneficial for the college-bound student as well as the business student. Notehand is a rapid, easy-to-learn writing tool.

Business Law (6131)

Prerequisite: None
Credit: 0.5 GPA: 4.0 **NCAA**

Business Law is a semester course designed to help students develop an awareness of the individual's legal rights

and responsibilities in our society. Emphasis is placed on studying legal issues from a business perspective. Topics studied include: the legal system, civil law, criminal law, business ethics, contracts, agency law, commercial and consumer law, and employee/employer rights and responsibilities. Students visit area courts to observe the judicial process.

Desktop Publishing (DTP) (6632)

Prerequisite: None
Credit: 0.5 GPA: 4.0

This semester course introduces the basics of desktop publishing using Adobe InDesign. Terminology, page layout and design will be addressed. Fonts, clip art, and graphic ideas will be studied and used. Digital photography and scanning will be addressed and incorporated into course work. Students will produce newsletters, programs, brochures, announcements, flyers, etc. Presentation portfolios will be developed.

Multimedia Presentations (6633)

Prerequisite: None
Credit: 0.5 GPA: 4.0

This semester course builds on skills acquired in desktop publishing to create a variety of business publications including web pages. Students will work with computers, scanners, digital cameras to develop multimedia presentations. Students create, store and edit in exportable format, documents and graphics for use in designing presentations. Using Macromedia MX students will create original artwork, animated graphics, and web designs.

Students will learn to select the most appropriate type of presentation based upon purpose, audience, life, costs and time constraints. Students will explore legal and ethical aspects of copyright and patent laws pertaining to scans.

Photojournalism: Yearbook (1215)

Prerequisite: By application
Credit: 1.0 GPA: 4.0

The yearbook staff produces the school's award-winning yearbook, *The Laconian*, using Adobe InDesign and Photoshop. Students gain experience in layout and design, interviewing, writing, photography, small-business, and sales, while also learning to be committed to a team. The staff meets during a scheduled class time, but after-school hours are often necessary in order to meet deadlines. Students are also required to sell ads and attend workshops in the summer. The staff is selected by an application process. Applications are available from the adviser in the spring.

IB Business and Management (8137IB)

Prerequisite: A strong academic background is highly recommended due to the advanced nature of this course.
Credit: 1.0 GPA: 5.0

IB Business and Management is designed to give students an understanding of business principles, practices, and skills. Emphasis is placed on understanding technical innovation and day-to-day business functions of marketing, human resource management, and finance. A fundamental feature of the program is the concept of synergy, a concept that means an organization should seek an overall return

greater than the sum of its parts. Applied to the Business and Management program, it requires integrating and linking the various modules to give students a holistic overview. Using an online brokerage account, the students will develop an understanding of the securities exchange markets.

English

The English Department offers courses to meet the needs of students at all academic levels. All students need a minimum of four (4) English credits in grades 9-12. All students must take required SOL tests.

English 9 (1130)

Prerequisite: English 8

Credit: 1.0 GPA: 4.0 **NCAA**

In English 9, students study the five English strands—oral language, grammar, reading/literature, writing, and research. Language study emphasizes oral skills. In literature, students study a variety of literary types. Throughout the course, students incorporate different kinds of writing into classroom activities. Students also learn and practice library and research skills and participate in listening and speaking activities and basic computer skills.

English 9: Pre-IB (1130IB)

Prerequisite: Grade 9; A grade of "A" in English 8 is strongly recommended

Credit: 1.0 GPA: 4.5 **NCAA**

This course is designed for students who have mastered the basics in mechanical skills and have advanced in writing to developing a thesis. Students should be competent, independent readers. The major concepts of this course will include, but not be limited to, instruction in the backgrounds and critical analyses of major literary works representing various genres, with emphasis on American literature. Composition focuses upon using the writing process to develop themes and includes application of research skills. Vocabulary study will focus on preparation for College Entrance Examination. **Summer reading is required and is assigned by the instructor.**

English 10 (1140)

Prerequisite: English 9

Credit: 1.0 GPA: 4.0 **NCAA**

English 10 integrates the study of language with the study of literature and writing. The SAT vocabulary program and other resources are used to increase vocabulary mastery. In literature, emphasis is placed on works from a variety of eras and cultures. Students follow the writing process as they practice both traditional and technical writing, including a research paper.

English 10: Pre-IB (1140IB)

Prerequisite: English 9 or English 9: Pre-IB; A grade of "B" or better in English 9: Pre-IB or an "A" in English 9 are strongly recommended

Credit: 1.0 GPA: 4.5 **NCAA**

This course is designed for students who excel in English and who desire to study at an advanced level. The major content will include, but not be limited to, instruction in genres and universal themes found in the literature of England. Advanced skills in literary analysis will be applied in composition and discussion. Vocabulary study will focus on preparation for college entrance examinations. Language study will emphasize traditional terminology for clear communication between teacher and student in reference to composition. Major projects will include research on a literary topic leading to a thesis paper. **Summer reading is required and is assigned by the instructor.**

English 11: Career Communications

(1150) **SOL COURSE**

Prerequisite: English 10

Credit: 1.0 GPA: 4.0 **NCAA**

The curriculum includes the following: American literature, formal composition in expository and persuasive essays, workplace skills and written and verbal communication. The course emphasizes the study of significant works from the classical periods to the contemporary American literature. Through writing and reading students learn to eliminate errors within composition ranging from business letters to formal research papers. Students also explore the career possibilities related to the students' interests and abilities while they learn practical skills to advance their position in the job market.

Career Communications 11 prepares the students who plan to enter the workforce after graduation, to attend a two-year college or technical school, or to enroll in a four-year college.

English 11: College Preparatory

(1151) **SOL COURSE**

Prerequisite: English 10; Recommended for students who earned a "C" or better in English 10

Credit: 1.0 GPA: 4.0 **NCAA**

This course aims to develop in college-bound students the reading and writing skills necessary for successful performance at the college level. Instruction methods include discussions, lectures, models, group work, and audiovisual presentations. The course emphasizes the study of significant works of American literature - both classic and contemporary, the elimination of common errors in formal composition, the writing of expository essays, and the preparation of the research paper. Vocabulary study will focus on preparation for college entrance examinations. **Students enrolled in English 11 CP will NOT be able to switch to English 11 CC.**

IB English 1 (1150IB) SOL COURSE

Prerequisite: English 10: Pre-IB or English 11 College Preparatory; A grade of "A" in either is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

IB English 1 focuses on selections from American, British, and World literature, building on concepts and skills taught in Pre-IB English 9 and 10. Particular emphasis is placed on development and enhancement of organizational skills, analytical abilities, an appreciation for an author's technique and purpose in writing and linguistic accuracy and effectiveness in both written and oral communication. Students study a variety of poetry and prose selections, including examples of nonfiction expository writing and should already have advanced composition skills and knowledge of literary periods, terms, and genres before entering IB English 1. IB texts are chosen from a list provided by the IB Organization. Many of the texts deal with contemporary themes and are chosen to complement one another for comparative analysis. A list of each year's texts is available from the SHS IB office. **Summer reading is required and is assigned by the instructor.**

English 12: Career Communications (1160)

Prerequisite: English 11
Credit: 1.0 GPA: 4.0 **NCAA**

This course integrates academic, vocational, and workplace skills. English 12: Career Communications is designed to help students develop and reinforce communication skills as well as problem-solving strategies, especially in the following areas: Business/Marketing, Family and Consumer Sciences, and Career and Technical Education. The areas of instruction include works from British literature, grammar and composition skills appropriate to the business world and academics, and communication skills. Career Communications prepares students for life after graduation by teaching the skills necessary to succeed in the workforce, a two-year college or technical school, or a four-year college. Students develop a portfolio throughout the 11th and 12th grade Career Communications courses. The portfolio will be presented and evaluated during an interview prior to graduation. The presentation and development of the portfolio will be the exam grade for this course.

English 12: College Preparatory (1161)

Prerequisite: English 11; A grade of "C" or better is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for college-bound students. Students study major periods and works of British literature and the use of traditional literary terms. Students also study selected pieces from world literature. They continue to expand vocabulary and to develop skills in writing paragraphs, essays, and documented papers. They study grammar as it relates to composition and are expected to develop skills in critical thinking and analytical writing. **Students enrolled in English 12 CP will NOT be able to switch to English 12 CC.**

IB English 2 (1160IB)

Prerequisite: IB English 1
Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

IB English 2 is designed to follow IB English 1 sequentially. Also, it is designed to provide direction to students in their preparation for the higher level International Baccalaureate examination in English by strengthening independent critical-thinking skills in the study of literature and fostering a high level of achievement in both written and oral communication. The course focuses on readings from all areas of literature emphasizing selections from cultures other than American and British. Methods of instruction are determined by the instructor and include the oral and written assessments prescribed by International Baccalaureate. Many of the texts deal with contemporary themes and are chosen to complement one another for comparative analysis. A list of each year's texts is available from the SHS IB office. **Summer reading is required and is assigned by the instructor.**

Word Power (1516)

Prerequisite: None - Recommended for college-bound students
Credit: 0.5 GPA: 4.0 **NCAA**

This course is designed for the college bound student who wishes to increase his vocabulary and improve scores on the PSAT and SAT. Students will build vocabulary through a systematic study of prefixes, suffixes and Latin and Greek roots, and phrases that come from other languages. SAT materials will be used to reinforce learning.

Newspaper Production 1, 2, 3 (1200, 1210, 1211)

Prerequisite: By Application
Credit: 1.0 GPA: 4.0

Students in Newspaper Production receive an introduction to journalism and are responsible for producing the school newspaper, **The Oracle**. Students receive hands-on experience as reporters, photographers and editors. Meeting deadlines is an important grade component. Selling ads is also required. Strongly recommended are Desktop Publishing classes in which InDesign and Photoshop are familiar to students. Units of study include: interviewing, writing, photography, advertising, news writing, and layout/design.

Newspaper Production (sem) (1220)

Prerequisite: By Application
Credit: 0.5 GPA: 4.0

This is a semester version of 1200, 1210, and 1211 for students who wish to be a part of the the school newspaper, **The Oracle**, but who cannot devote an entire year's credit to it.

Creative Writing 1 (1171)

Prerequisite: None
Credit: 0.5 GPA: 4.0 **NCAA**

Designed to meet students at their present writing level, this course will emphasize the concept of "writing with power," and finding the students' style and "voice" as writers. Through

instruction and interaction with other student writers, students will develop strategies to generate, develop, and revise their own writing. Creative writing students will study and write from the following categories: journal, poetry, short story, autobiography, descriptive and narrative writing, interviewing, characterization, point-of-view, and children's stories. Students will generate a final portfolio of their best work for assessment, oral sharing, and publication at the end of the course.

Creative Writing 2 (1177)

Prerequisite: Creative Writing 1

Credit: 0.5 GPA: 4.0 **NCAA**

This course is an accelerated review of strategies covered in Creative Writing 1, with emphasis placed upon editing for publication. Students will be strongly encouraged to submit work to the school's literary magazine, Delphi. Focus will be placed on workshop style editing to advance student's abilities and understanding of writing fiction, nonfiction, and poetry. The course will culminate in a portfolio style collection of the student's work over the course of the semester.

Speech (1300)

Prerequisite: None

Credit: 0.5 GPA: 4.0 **NCAA**

Speech is designed to aid students in speaking before groups and in one-on-one situations. The course emphasizes development of content as well as delivery techniques. The three types of speeches developed are speeches to entertain, inform, and persuade. In addition, the course emphasizes electronic communications as well as improving reading skills with activities in oral interpretation. Speech is strongly recommended for English Career Communication and Pre-IB English students.

IB Extended Essay 1 (1517IB)

Prerequisite: IB Diploma Candidate

Credit: 0.0 GPA: 0.0 **NCAA**

IB Extended Essay 2 (1518IB)

Prerequisite: IB Diploma Candidate

Credit: 1.0 GPA: 5.0 **NCAA**

Students pursuing the IB Diploma are required to register for Extended Essay the first semester of their junior year and then again the second semester of their senior year. This course helps with the writing of the 4,000 word extended essay. In the first semester, each student explores possible topics, chooses an advisor in the subject area and begins researching. The rough draft is due the first semester of the senior year, and the final is turned in the second semester. The IB office supplies the text for the course.

Both Extended Essays are semester classes. Students do not receive credit for IB Extended Essay 1 but will receive one (1) full credit after completing the semester of IB Extended Essay 2.

Classical Mythology (1519)

Prerequisite: None; Recommended for College Bound Students

Credit: 0.5 GPA: 4.0 **NCAA**

Classical mythology will appeal to those who enjoy reading Greek and Roman myths or folklore. Reading and class discussion will go beyond the 12 main gods and goddesses to include a study of the major myths (creation, the great flood, the twelve labors of Hercules, Theseus and the Minotaur, Jason and the Argonauts, Perseus and Medusa, etc.), the Trojan War, heroes, monsters, the ancient concept of death and the underworld, and the zodiac. An effort will be made to relate mythology to music, art, literature, and today's world. Assignments will consist mainly of reading and small projects.

Family and Consumer Sciences

Family and Consumer Sciences students are expected to join FCCLA and are encouraged to participate in FCCLA activities. A fee may be charged for individual project materials. The Fine Arts/Practical Arts requirement for graduation can be satisfied by (a) a one credit class or (b) two one-semester classes.

Exploring Foods (8249)

Prerequisite: None, Preference given to 9th and 10th grade

Credit: 0.5 GPA: 4.0

Designed to introduce students to selection and preparation of menu basics, this course provides opportunities through demonstrations, guest speakers, labs, individual and team projects and field experiences. Topics will include safety and sanitation principles; analysis of food choices; teambuilding exercises; planning and preparing principles; introduction to equipment and usage; terminology; following and analyzing recipes; exploring career options; and food presentation and evaluation. Each student will be expected to participate in field experiences in the community and participate in service activities after school hours. Students will be required to provide and to wear rubber-soled shoes and use hair covering and wear jacket/apron as provided.

Gourmet Cuisine (8275)

Prerequisite: "C" or better in Exploring Foods or Departmental Approval

Credit: 1.0 GPA: 4.0

VWCC

This course is designed to investigate principles and styles of food preparation. Students will be given opportunities to perform side work, explore regional foods and service styles, practice simple catering and banquet functions, explore professional opportunities, develop menus, investigate costing and purchasing principles and prepare and serve at various functions. Practical sanitation skills will be emphasized. Class activities will include field trips, demonstrations, guest lecturers, individual and team labs and projects. Each student will be expected to participate in field experiences in the community and participate in service activities after school hours. Students will be required to provide and to wear rubber-soled shoes and use hair covering and wear jacket/apron as provided.

Culinary Essentials (8276)

Prerequisite: Gourmet Cuisine

Credit: 2.0 GPA: 4.0

VWCC

This course is designed to investigate principles and styles of food preparation. Students will be given opportunities to perform side work, explore regional foods and service styles, practice simple catering and banquet functions, explore professional opportunities, develop menus, investigate costing and purchasing principles and prepare and serve at various functions. Practical sanitation skills will be emphasized. Class activities will include field trips, demonstrations, guest lecturers, individual and team labs and projects. Each student will be expected to participate in field experiences in the community and participate in service activities after school hours. Students will be required to provide and to wear rubber-soled shoes and use hair covering and wear jacket/apron as provided.

Child Development and Parenting (8233)

Prerequisite: None, Preference given to 9th and 10th grade

Credit: 0.5 GPA: 4.0

This course provides opportunities for the study of intellectual, social, emotional and physical growth; development of children from birth through adolescence; and the concept of parenting. It also provides the opportunity to explore careers in the child-care field. Class activities include lecture-demonstrations, videos, and individual projects.

Early Childhood Education 1 (8285)

Prerequisite: Grade 11 or 12; or Grade 10 with "C" or better in Child Development; Instructor Approval

Credit: 1.0 GPA: 4.0

This Tech Prep/College-Preparatory course is designed to teach basic skills in child development and child care. Students will have opportunities to observe, plan, and participate in developmentally appropriate children's activities. Early Childhood Education students and their parent/guardian will be expected to sign and abide by the ECE Code of Ethics Contract. This is an excellent course for any student interested in working with young children or in a teaching career.

Early Childhood Education 2 (8286)

Prerequisite: "C" or better in Early Childhood Education 1

Credit: 2.0 GPA: 4.0

VWCC

This two-period course is the second year of a two-year Early Childhood Education program. Students completing this program will be prepared to be a child care aide, teacher's aide, or pursue collegiate study in early childhood education. ECE 2 emphasizes an advanced study of child development and care; curriculum planning implementation; and day care licensing requirements. Qualifying students may combine classroom instruction with teaching internships. Early Childhood Education students and their parent/guardian will be expected to sign and abide by the ECE Code of Ethics Contract.

Family and Consumer Sciences Internship (8215-sem; 8216-FY)

Prerequisite: Instructor Approval

Credit: 0.5-2.0 GPA: 4.0

These semester or full year courses are available to qualifying students enrolled in the Culinary Arts and Early Childhood Education programs. This unpaid work experience provides the opportunity for students to apply classroom knowledge in a professional setting. A training agreement is developed by the employer, teacher-coordinator, and the student.

History and Social Science

The Standards of Accreditation require three History and Social Science credits for graduation. One credit must be a world studies course: Modern World History, Ancient World History, IB History 1, or IB History 2. Two credits must be American studies courses, including a Virginia and United States History course and a Virginia and United States Government course.

Modern World History: >1500 AD

(2342) **SOL COURSE**

Prerequisite: None

Credit: 1.0 GPA: 4.0 **NCAA**

Modern World History incorporates a study of history and geography from the late Middle Ages (1500 AD) to the present with a strong emphasis on the history and development of western civilization. Topics include the evolution of nation-states, scientific and technological revolutions which create new economic models, social and political changes, and the biographies of individuals who contributed to the societal development. Strong connections will be drawn between historical events and contemporary issues.

Ancient World History: <1500 AD

(2341) **SOL COURSE**

Prerequisite: Grade 10 or Modern World History

Credit: 1.0 GPA: 4.0 **NCAA**

Ancient World History examines the historical development of the world, its peoples, and the patterns of life and its development. Students will study their heritage and traditions from prehistory to 1500 AD. The course emphasizes the Greek, Roman, and Byzantine cultures and the role played by the Mediterranean nations in the development of the Western world. Eastern cultures of India, China, Japan, Africa, and Central America will also be examined.

United States and Virginia History

(2360) **SOL COURSE**

Prerequisite: Grade 11

Credit: 1.0 GPA: 4.0 **NCAA**

This course is a survey of United States History from the pre-colonial period to the present. Emphasis is placed on mastering social studies skills, studying important people and events, developing historical concepts, and relating current issues to historical events. The study is chronological and complements 11th grade literature. Virginia and United States History fulfills the United States History requirement for graduation.

United States and Virginia Government (2440)

Prerequisite: Grade 12

Credit: 1.0 GPA: 4.0 **NCAA**

This course surveys the basic principles of American Government and is designed to help students understand the structure, function and operation of local, state and federal government. The course provides an examination of politics, which should be a part of every citizen's education, and fulfills the government requirement for graduation.

College United States History

(2319) **SOL COURSE**

Prerequisite: A grade of "B" or better in previous social studies course is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

College United States History is designed to give the student a comprehensive study of the American experience. The content of the course covers the historical development of American ideas and institutions from the Age of Exploration to the present. The course will concentrate on a basic knowledge of American culture, a chronological survey of major issues, people, and events in Virginia and United States History. Students will also learn to use historical materials to weigh the evidence and interpretations presented in order to form conclusions based on judgement, reasoning, and historical data.

College United States Government (2445)

Prerequisite: A grade of "B" or better in US History is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

In this course, students will study the operation and development of government at the local, state, and national levels. Students will study the concepts and components of the development of these systems and the analysis of specific cases and current government issues. Writing assignments and outside reading will be included in this course.

Practical Law (2420)

Prerequisite: Grades 10, 11 or 12

Credit: 0.5 GPA: 4.0 **NCAA**

Practical Law is designed to help students develop an understanding of basic civil and criminal law and their legal rights and responsibilities. Other areas to be studied include civil rights, juvenile rights, law enforcement procedures and the penal system. Students will visit the local jail, the courthouse, and will attend a jury trial. Law enforcement officers will be invited to speak to the class about their particular interest areas.

Sociology (2500)

Prerequisite: None

Credit: 0.5 GPA: 4.0 **NCAA**

Sociology is the study of society, its structure, and its dynamics. There is a major focus on culture and its role in shaping individuals and their values. Mod-

ern social problems are also examined. The study is achieved through classroom lecture, discussion, experiments, outside readings, guided research and projects.

Psychology (2900)

Prerequisite: Grades 10, 11 or 12

Credit: 0.5 GPA: 4.0 **NCAA**

Psychology provides students opportunities for understanding themselves. The course provides background for the study of post-secondary psychology through the explanation of its various fields. Emphasis will be on practical insights into everyday behavior and on a survey of the major areas of study in psychology. Topics of study include learning, memory and thought, the body and behavior, sensation and perception, stress, developmental psychology and relational psychology.

Comparative Religions (2996)

Prerequisite: None

Credit: 0.5 GPA: 4.0 **NCAA**

Comparative Religions will concentrate on the ideals and history of classic world religions, such as Buddhism, Christianity, Hinduism, Islam, Judaism and others. The course is intended neither to convert students to any particular religious view nor to persuade them to reject any or all religion. The purpose, rather, is to assist students in developing an informed appreciation for the religious life of humankind. Emphasis will be placed on the role of religion in the modern world and its continuing importance to many different societies, cultures and events. Areas of instruction will include the historical and philosophical underpinnings of world religions, the connections between religion and culture and the role that religion plays in current world affairs.

IB Theory of Knowledge 1 & 2

(2997IB & 2998IB)

Prerequisite: IB Diploma Candidate or enrolled in four IB Courses

Credit: 0.5 GPA: 5.0 **NCAA**

The objective of the Theory of Knowledge (TOK) course is not to learn new "knowledge" but to increase the student's understanding of what they have already learned and to help them reflect upon it. The process of reflection will be a critical examination of what the student claims to know and what is professed as knowledge by others. The student will examine how the forms of knowledge relate to one another, and how to think critically. There is an integration of all subject areas and the spirit of inquiry and its expression will enhance oral and written skills. This course is a requirement for the IB Diploma and scheduling preference is given to IB Diploma Candidates.

IB History 1 (2360IB) **SOL COURSE**

Prerequisite: College US Government; A grade of "B" or better in College US Government is strongly recommended.

Credit: 1.0 GPA: 5.0 **NCAA**

This course is designed to cover specific topics in world history from the French Revolution to the World Wars. It will be taught at the eleventh grade level to IB candidates and will serve as preparation for IB History 2 and the higher level

history examination. Topics included for study are: causes, practices, and effects of war; nationalist and independence movements; decolonization and the emergence and problems of new nations; economic developments; social change; the artist and society; the rise and rule of single party states; the establishment and work of international organizations; religion and politics; East/West relations after 1945; and minorities in the 20th century. This course also covers all Modern World History Standards of Learning.

IB History 2 (23611B)

Prerequisite: IB History 1; A grade of "B" or better in IB History 1 is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

This course is designed to cover specific topics in world history from the causes of World War I to the start of the Cold War. It will be taught at the twelfth grade level to IB candidates and will serve as their final preparation for the higher level history examination. In addition to the world history topics listed under the description of IB History I, this course offers a detailed regional study of 20th century Europe. The main focus of the regional study will be political, but social, economic, and cultural aspects will also be emphasized. Students will begin work on their guided course-work project, a 2,000-word research paper and will take the IB examination in May.

Marketing

Marketing prepares students for part-time and full-time employment in the field of marketing, and provides basic instruction for college business courses. Each class requires a fee and students must be members of the DECA Chapter.

Introduction to Marketing (8111)

Prerequisite: None

Credit: 0.5 GPA: 4.0

Introduction to Marketing is a semester course designed for 9th through 12th grade students interested in learning about the field of marketing. This non co-op course concentrates on marketing competencies in the areas of economics, market planning, employment and advancement, communications, personal selling and promotion.

Marketing (8120)

Prerequisite: Must be in grade 11 or 12

Credit: 1.0 GPA: 4.0

Marketing is designed for students pursuing a career in marketing. The course provides students with instruction that enables them to obtain and to succeed in a marketing occupation. Students develop competencies in selling, merchandising, communications, economics, sales promotion, mathematics, human relations, employment and advancement, and self-development. A \$17 fee is required with membership in the DECA Chapter.

Marketing Co-op (8199A)

Prerequisite: Must be enrolled in Marketing or Advanced Marketing; Instructor Permission

Credit: 1.0 GPA: 4.0

Any student enrolled in Marketing (8120) will have the opportunity to earn an additional credit through participation in Marketing Co-op (8121). Marketing Co-op is designed for students to combine classroom instruction and practical work experience. Students must have a minimum of 396 hours of continuous, supervised, on-the-job training during the school year in a local marketing business. Unsatisfactory progress in Marketing (8120) could cause the student to be removed from this co-op class.

Attention Co-op Students

Students requesting Co-op classes will not be released early from school until they actually have a job. Until that point, students will stay in school for the full day and will be placed in a study hall.

Advanced Marketing (8130)

Prerequisite: Marketing

Credit: 1.0 GPA: 4.0

VWCC

Advanced Marketing enables students to develop competencies in several areas of management and supervision. A \$17 fee is required with membership in the DECA Chapter.

Advanced Marketing Co-op (8199B)

Prerequisite: Marketing Co-op; Must be enrolled in Advanced Marketing; Instructor Permission

Credit: 1.0 GPA: 4.0

Any student enrolled in Advanced Marketing (8130) will have the opportunity to earn an additional credit through participation in Advanced Marketing Co-op (8131). Advanced Marketing Co-op is designed for students to combine classroom instruction and practical work experience. Students must have a minimum of 396 hours of continuous, supervised, on-the-job training during the school year in a local marketing business. Unsatisfactory progress in Advanced Marketing (8130) could cause the student to be removed from this co-op class.

Mathematics & Computer Science

All students need a minimum of three (3) math credits at or above the level of Algebra for a Standard Diploma, and four (4) math credits for an Advanced Diploma. Technology in the form of computer software and graphing calculators is available for selected courses.

ATTENTION MATH STUDENTS: Because math courses build upon one another, you are strongly advised to meet with your current math teacher to discuss which course would be most the appropriate one for you to take next.

Please pay careful attention to the grade recommendations for each course. While not absolute, we have found that students who do not achieve at a certain level in one math course will often have trouble succeeding at the next.

Algebra 1 (3130) SOL COURSE

Prerequisite: "A" in Math 8 or Teacher Recommendation or recommended score on Orleans Hanna Test
Credit: 1.0 GPA: 4.0 **NCAA**

Algebra 1 is one way to begin the sequence of earning three credits of mathematics. Students should develop self-reliance and a questioning attitude, as well as verbal and written precision in applying algebraic processes to mathematical problems. Topics to be studied include fundamental algebraic language, the real number system, equations and inequalities, polynomials, factoring, coordinate graphing, systems of linear equations and inequalities, rational expressions, radicals, quadratics, and statistics.

Algebra 1: Part 1 (3131)

Prerequisite: None
Credit: 1.0 GPA: 4.0 **NCAA (0.5 credit only)**

This course will include the same concepts covered in first semester of a year course in Algebra 1.

Algebra 1: Part 2 (3132) SOL COURSE

Prerequisite: Algebra 1 Part 1 (A "C" or better is recommended)
Credit: 1.0 GPA: 4.0 **NCAA (0.5 credit only)**

This course will include the same concepts covered in second semester of a year course in Algebra 1. The NCAA allows only 0.5 credit for Algebra 1 Part 1, and only 0.5 credit for Algebra 1 Part 2.

NOTE: Students who earn Ds in Part 1 should retake the course or seek remediation. One unit of algebra is required. Students may take Part 1 and Part 2 for 2 credits toward fulfilling the graduation requirements for mathematics.

Computer Mathematics (3184)

Prerequisite: Successful completion of Algebra 1 (full year or parts 1, 2)
Credit: 1.0 GPA: 4.0

This course will require students to solve practical problems in mathematics arising from consumer, business, personal finance, leisure activities, and sports. The concepts of probability and statistics, geometry, and other mathematical applications will also be included. This course is not designed for students who have completed Geometry and Algebra 2. It may not count toward the Advanced Diploma.

Geometry (3143) SOL COURSE

Prerequisite: Algebra 1 or Algebra 1 Part 2
Credit: 1.0 GPA: 4.0 **NCAA**

This course deals with the Euclidean geometry of points, lines and planes. Emphasis is placed on deductive reasoning and algebraic problem-solving skills through the study of geometric theorems and proofs. Arithmetic and algebraic

skills are required. It includes a study of coordinate and transformational geometry and trigonometry of right triangles.

Algebra Functions and Data Analysis (AFDA) (3134)

Prerequisite: Algebra 1 or Algebra 1 Part 2, Geometry
Credit: 1.0 GPA: 4.0 **NCAA**

Algebra Functions and Data Analysis is designed for students who have completed the standards for Algebra 1 and Geometry. Within the context of mathematical modeling and data analysis, students will study functions and their behaviors, systems of inequalities, probability, and experimental design and implementation. Through practical applications arising from science, business, and finance, students will strengthen conceptual understandings in mathematics and further develop connections between algebra and statistics. This course will reinforce algebra and geometry skills and empower students for success in Algebra 2.

NOTE: This course is designed for students in grades 9-11 and is not a replacement course for Algebra 2. Algebra 2 is required for an Advanced Diploma.

Algebra 2 (3135) SOL COURSE

Prerequisite: Algebra 1 or Algebra 1 Part 2 AND Geometry
Credit: 1.0 GPA: 4.0 **NCAA**

Algebra 2 is designed to be an extension and a reinforcement of Algebra 1. New concepts that broaden algebraic reasoning are introduced. Topics include the study of linear and quadratic equations, transformations (particularly conic sections and absolute value functions), logarithms, arithmetic and geometric sequences and series, polynomials, and elementary matrix theory. This course is not a replacement for Advanced Algebra. It is not intended that a student who completes this course is immediately prepared to enter Calculus.

Algebra 2: Pre-IB (3135IB) SOL COURSE

Prerequisite: Algebra 1 or Algebra 1 Part 2 plus Geometry (unless enrolled in Chemistry Pre-IB); A "B" or better in Algebra 1 is strongly recommended.
Credit: 1.0 GPA: 4.5 **NCAA**

Algebra 2: Pre-IB presents an in-depth study of topics of algebra in preparation for the IB/AP program. Topics include the study of linear and quadratic equations, and systems, transformations (particularly conic sections, absolute value graphs and exponential functions), logarithms, arithmetic and geometric sequences and series, polynomials, and elementary matrix theory. This course is not a replacement for Advanced Algebra. It is not intended that a student who completes this course is immediately prepared to enter Calculus.

Geometry/Trigonometry: Pre-IB (3143IB) SOL COURSE

Prerequisite: Algebra 2: Pre-IB or Algebra 2; A grade of "C" or better in either of those classes is strongly recommended.
Credit: 1.0 GPA: 4.5 **NCAA**

This course deals with the geometry of points, lines

and planes. Emphasis is placed on deductive reasoning and algebraic problem-solving skills through the study of formal geometric theorems and proofs. The course also includes the geometry and trigonometry of right and oblique triangles, law of sines, law of cosines and the application of the basic trig identities. **Geo/Trig is designed primarily to assist students that need to adjust their math level to reach IB-level math courses.**

Advanced Algebra/Trig: Pre-IB (3137IB)
(Pre-Calculus)

Prerequisite: Algebra 2 or Algebra 2 Pre-IB; A grade of "B" or better in either class is strongly recommended.

Credit: 1.0 GPA: 4.5 **NCAA** **VWCC**

This course is a preparation for Calculus and includes the study of polynomial functions, sequences, series, limits, permutations, combinations and probability. The second portion of this course provides a thorough treatment of Trigonometry. Topics studied include: trigonometric functions, identities and equations.

Elements of Calculus: Pre-IB (3199)

Prerequisite: Advanced Algebra/Trig or Math Analysis; A grade of "B" or better in either course is strongly recommended.

Credit: 1.0 GPA: 4.5 **NCAA** **VWCC**

Elements of Calculus is designed to familiarize students with basic calculus concepts to prepare them for taking an entry-level calculus course in college. Without the pressures of IB and AP requirements, students will be given ample time to internalize fundamental topics. The Calculus is a complex subject and this course will give students the confidence to pursue further mathematics in college. This course will review some of the important topics from Trigonometry and Advanced Algebra before covering the topics of limits, derivatives and their applications. This course may include some integration and application.

IB Math Studies 1 (3195IB)

Prerequisite: Geometry and Algebra 2; A grade of "C" or better in both classes is strongly recommended.

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

This liberal arts mathematics course aims to introduce the application of techniques taught and to demonstrate fundamental features of mathematics. This is the first year of a two-year course. Students will be able to display, analyze and criticize data presented in a variety of forms and to appreciate the modeling power of mathematics. Topics will include mathematical systems, sequences, inductive/deductive reasoning, sets, logic, advanced computation (with and without a calculator), number awareness, number theory, geometry and trigonometry, matrices, graphing, financial mathematics, concepts of limits and the first derivative.

IB Math Studies 2 (3196IB)

Prerequisite: IB Math Studies 1 or IB Math Analysis; A grade of "C" or better is strongly recommended.

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

This course is a continuation of Math Studies 1. Elemen-

tary statistical methods and concepts including descriptive statistics, estimation, hypothesis testing, linear regression, and categorical data analysis are presented. Additional topics include linear, quadratic, exponential and numerical functions, counting methods and probability, geometry, progressions and financial mathematics, graphs, systems of equations and inequalities, and linear programming.

Math Analysis

(IB Mathematics 1) (3162IB)

Prerequisite: Geometry/Trig: Pre-IB or Adv. Algebra/Trig: Pre-IB; A grade of "B" or better in either class is strongly recommended.

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

Math Analysis is required in preparation for the IB Mathematics Standard Level Methods Exam. Topics covered in this course are: polar graphing, polynomial functions, inequalities, exponents and logarithms, analytic geometry, vectors and determinants, sequences and series, functions and advanced graphing techniques, matrices, combinatorics, probability, statistics, limits, series, and iterated functions.

Calculus

(IB Mathematics 2 SL) (3177IB)

Prerequisite: Adv. Algebra/Trig. or Math Analysis; A grade of "B" or better in either class is strongly recommended. (Only students who have taken IB Math Analysis will be eligible to sit for the IB exam.)

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

IB Mathematics 2 SL consists of a full academic year of work in Calculus and related topics comparable to courses in colleges and universities. This course is intended for students who have a strong background in college preparatory mathematics, including algebra, axiomatic geometry, trigonometry, analytic geometry, and elementary functions. This course prepares the student to take the IB test in Standard Level Mathematics.

Computer Programming 1 (6640)

Prerequisite: Successful completion of Algebra 1 or Algebra 1 Part 2

Credit: 0.5 GPA: 4.0

Computer Programming 1 is an introduction to programming. Topics include history of computer development, the way a computer works, the analysis of problems, the terminology and application of computer languages and flowcharting. The class provides hands-on computer experience in a laboratory situation. Major emphasis is placed on programming skills in the VB.net language. Formulas used in programming are from Algebra 1 and Geometry.

Computer Programming 2 (6641)

Prerequisite: Computer Programming 1; A grade of "C" or better is strongly recommended.

Credit: 0.5 GPA: 4.0 **VWCC**

The intent of this course is to provide a study of advanced programming. The course is an extension of Computer Programming 1 with an emphasis on independent

projects in sequential and random files. A mini-course in Java will also be presented during the third six-week period.

Performing Arts

Choral Music

Concert Choir (9285)

Prerequisite: Interest in singing choral music
Credit: 1.0 GPA: 4.0

This course is open to students in all grades. Correct singing and good musicianship are stressed. Development of musical skills and understanding are emphasized. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Women's Concert Choir (9280B)

Prerequisite: Audition
Credit: 1.0 GPA: 4.0

This choir is an all-female auditioned ensemble. Repertoire will be challenging and prior experience in other choral ensembles is recommended but not required. The following fundamentals of good choral singing will be further developed: musical literacy, healthy tone production, and musicianship. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Chorale (9289)

Prerequisite: Audition
Credit: 1.0 GPA: 4.0

This course requires the highest degree of performance from each member and further develops individual vocal skills and musical understanding. Previous training in one of the other chorale ensembles is helpful but not necessary. Emphasis is placed on individual vocal production, sight-reading, music fundamentals and vocal techniques. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Vocal Ensemble (Full Year)

"Salem Singers" (9280A)

Prerequisite: Audition
Credit: 1.0 GPA: 4.0

This select small choral ensemble focuses on small choral ensemble literature and technique, such as a *capella* madrigals, vocal jazz and advanced contemporary commercial music. This course also requires a high degree of performance from each member and further develops individual vocal and ensemble skills. Previous training in Symphonic Choir (Chorale) is recommended, but not required. Emphasis is placed on a variety of vocal techniques consistent with the styles of literature, a capella singing, sight-reading,

ear training and vocal improvisation. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.** NOTE: This class meets after school.

Vocal Ensemble (Semester)

"Salem Singers" (9280D)

Prerequisite: Audition; Instructor Permission
Credit: 0.5 GPA: 4.0

This semester option allows students greater flexibility with their schedules. Students must have instructor permission to take this option. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Instrumental Music

Marching Band

"The Pride of Salem" (9296)

Co-requisite for Instrumentalists: Enrollment in an additional band class or instructor permission.

Prerequisite for Auxiliaries: Audition/instructor permission.
Credit: 0.5 GPA: 4.0

This award-winning organization performs at SHS football games, parades in the community, and at contests with other high school bands. At times the contests require the band to travel out of state on overnight trips. **There is a financial commitment required to be a member.**

Marching band begins regular rehearsals in late July/early August (depending on the school calendar). Students typically rehearse 4 days a week before school begins and attend band camp for one week out of town. During the first semester, the band rehearses two days a week on average after school. Students who play the piano can perform with the band on keyboard instruments. Membership in the organization is voluntary; however, participation in a band class is required unless excused by the Director. There will be open tryouts for students wishing to participate exclusively in auxiliary units (flags, rifles, sabres, dance, etc.) Members of the Auxiliary do not have to be enrolled in a band class.

This is a performance-based class, and all rehearsals rehearsals and performances are required unless excused in advance by the Director.

Concert Band (9233)

Prerequisite: Open to all students
Credit: 1.0 GPA: 4.0

This course is primarily for entry-level students who would like to improve their instrumental skills. NO experience is necessary. Emphasis is on group instruction, and private practice by the student. Students who progress at a rapid rate may be selected to perform with the Symphonic Band. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Symphonic Band (9298)

Prerequisite: Enrollment is by audition only

Credit: 1.0 GPA: 4.0

Students in this group already read music and want to improve their instrumental skills. Emphasis is placed on learning to perform with a group of musicians at a higher level. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Jazz Band (9297)

Prerequisite: Enrollment is by audition only

Credit: 1.0 GPA: 4.0

This is an advanced music ensemble which gives the students an opportunity to perform jazz music. This course requires the highest degree of performance from each member, and further develops instrumental skills and techniques. Emphasis is placed on individual improvisation, sight-reading skills and ensemble playing. Students will have numerous opportunities to perform in public. The instruments used are: saxophones, trumpets, trombones, electric/string bass, electric/acoustic guitar, drum set, and piano. **This is a performance-based class, and after school rehearsals and performances are required unless released by director.**

Percussion (9250)

Co-requisite: Enrollment is by audition only

Credit: 1.0 GPA: 4.0

This course is primarily for entry-level and intermediate level students. The course emphasizes the development of a complete percussionist and seeks to develop more advanced performance skills. **This is a performance-based class, and after school rehearsals and performances are required unless released by director, and these students are expected to participate in either Concert or Symphonic Band concerts.**

IB Music Technology Part 1 (9226IB)

IB Music Technology Part 2 (9228IB)

Prerequisite: Instructor Permission

Credit: 0.5 GPA: 5.0

These classes serve as a sixth subject alternative for the IB Diploma Candidate or as an IB Certificate for the interested musician. An in-depth study of music theory and composition is a major part of the class, along with a study of musical styles—both historical and worldwide—which will give the student an opportunity to explore and enjoy the diversity of music throughout the world.

Students have the option (at the SL level only) of choosing between composition, solo performance, and group performance as their primary focus. Due to time constraints, HL is not offered at SHS. In addition, a music investigation into the relationship between two identifiable and distinct musical genres must be completed during IB Music Technology 2.

This class meets either before or after school, based on students' availability.

Theater

Drama 1:

Theater Arts Exploration (1410)

Prerequisite: None

Credit: 1.0 GPA: 4.0

Drama 1 teaches basic theater arts skills. Improvisation, acting, theater history, and technical theater are a few of the units covered in the course. Students will learn to use their voices to improve communication in a variety of situations. The class may attend local theater productions. Any student enrolling in Drama 1 must expect to participate actively on a daily basis.

Drama 2, 3, 4:

Theatrical Production (1420, 1430, 1440)

Prerequisite: Preceding Course and Instructor Permission

Credit: 1.0 GPA: 4.0

This class continues the study of theater crafts with emphasis on acting, direction, lighting, set construction, and scene design. The course includes the reading, analyzing, and studying of plays. The class performs for an audience and may attend local theater productions.

IB Theater (1440IB)

Prerequisite: Drama 2 and Instructor Permission

Credit: 1.0 GPA: 5.0 **NCAA**

IB Theater is an intensive course of study emphasizing research and analysis as it applies to theatrical production. Students will read and analyze plays as an actor, director, and designer. Students will also research historical and stylistic movements and their effects on the development of theater. Students are required to write a major paper, present a lengthy oral analysis of a play, and participate in productions. (Students are not guaranteed a role.)

Physical Education and Health

Physical Education 9 (7310)

Prerequisite: None

Credit: 0.5 GPA: 4.0

This course stresses basic skills and physical fitness. Activities offered include individual and team sports. Students are required to dress daily for physical education.

Health Education 9 (7320)

Prerequisite: None

Credit: 0.5 GPA: 4.0

This course includes information concerning prevention and control of disease, consumer health, physiology of exercise, family life education, alcohol and other drugs,

and cardiopulmonary resuscitation certification (CPR).

Health Education 10 (7420)

Prerequisite: Health Education 9

Credit: 0.5 GPA: 4.0

Health instruction topics include mental health, family life education, including parenting and aging, mental health, nutrition and physical fitness. DARE (Drug Abuse Resistance Education) is included in Health 10.

Physical Education Tenth Grade Options:

*Recreational Activities Rhythmic Movements
Fit for Life Team Sports*

PE 10 options are also electives for 11th & 12th grade.

Recreational Activities (7640B)

Prerequisite: Physical Education 9

Credit: 0.5 GPA: 4.0

This course will focus on a variety of individual and dual activities with emphasis on the development of the skills, knowledge and understanding necessary for competent participation at a recreational level. Some activities to be included are: archery, badminton, golf, orienteering, tennis, table tennis, two-person volleyball, and large group games. This is an activity-based class. Participants will dress in the standard Salem City gym uniform for a variety of activities. Class will include the VA Wellness tests.

Rhythmic Movements (7640D)

Prerequisite: Physical Education 9

Credit: 0.5 GPA: 4.0

This course focuses on dance through the ages and other rhythmic activities including student choreography, expression through movement, and popular social dances. This is an activity-based class. Class includes the VA Wellness tests.

Fit For Life (7640C)

Prerequisite: Physical Education 9

Credit: 0.5 GPA: 4.0

This course focuses on physical conditioning with emphasis on aerobic activities, flexibility, and strength training and the skills and knowledge to develop a personal fitness program. This is an activity-based class and participants dress in the standard Salem City gym uniform. Class will include the VA Wellness tests.

Team Sports (7640A)

Prerequisite: Physical Education 9

Credit: 0.5 GPA: 4.0

This course will focus on a variety of team sports with emphasis on the development of the skills, knowledge, and understanding necessary for competent participation at a

recreational level. It will include activities for skill development, team participation, and team competition. Some of the activities to be included are: basketball, football, soccer, speedball, softball, volleyball, and ultimate Frisbee. This is an activity-based class and all participants dress in the standard Salem City gym uniform. Class will include the VA Wellness tests.

Adaptive Physical Education (7700)

Prerequisite: None

Credit: 0.5 GPA: 4.0

This course is structured to meet the needs of the permanently or temporarily disabled students. Such students require individualized instruction based upon their needs. Physical fitness, muscle tone and strength, flexibility, endurance and coordination and social development and interaction are emphasized.

Weight Training (7650A)

Prerequisite: None

Credit: 0.5 GPA: 4.0

This elective course is designed to provide students with opportunities to acquire basic knowledge/skills in weight training that may be used in physical fitness pursuits. Students receive individualized instruction and become familiar with cardiovascular conditioning.

Weight Training 2: NC (7650B)

Prerequisite: Weight Training 1

Credit: 0.0

This noncredit course is designed for those students who have successfully completed Weight Training 1.

Athletic Training (7660A)

Prerequisite: None

Credit: 0.5 GPA: 4.0

Athletic Training is a practical course preparing the students for a career in sports medicine. It includes anatomy and physiology along with prevention, treatment and rehabilitation of athletic injuries. This course prepares students to become student trainers and meets the requirements to enter college as a student athletic trainer.

Driver Education: Sem 1 (7015)

Driver Education: Sem 2 (7016)

Prerequisite: Age 15 years 6 months; Must have learner's permit

Credit: 0.0

Driver Education is a noncredit course and includes two phases: classroom and on-the-road instruction. Emphasis is placed on attitude and on skills that are vital to basic driving behavior. Much concentration and practice outside of school are mandatory. State minimum requirements of 36 hours in classroom, 7 hours in-car observation, and 7 hours in-car driving must be met. In order to balance classes, students may be reassigned by counselors or administrators. **To request an after-school driver education course, use course number S7017.**

Driver Education Requirement

Section 46.2-335 of the Code of Virginia, requires that learner's permit applicants provide evidence of compliance with compulsory school attendance law and good academic standing.

Students must have a learner's permit before taking driver education. Learner's permit applicants also need to fulfill the following requirements.

- Complete the Virginia driver's license application
 - Parents or guardians grant DMV permission to issue a learner's permit and a driver's license.
 - Proof of social security number and residency
 - Original identification document certifying name and date of birth
 - Pass DMV knowledge and vision tests.
 - Pay \$3 for the learner's permit and \$2.40 for each additional year until the applicant reaches an age divisible by five
-

Science

The Science Department offers courses at the general, advanced and IB levels. All students need a minimum of three (3) science credits in Grades 9-12. To earn an Advanced Studies Diploma, students must complete four (4) credits in science. SOL end-of-course tests are given in earth science, biology, and chemistry.

Earth Science (4210) SOL COURSE

Prerequisite: None

Credit: 1.0 GPA: 4.0 **NCAA**

Earth Science is a content based course designed to develop an understanding of the interrelationships between meteorology, geology, oceanography, and astronomy. Hands-on activities and visual aides provide emphasis and interpret the continual changes of the earth. Key topics include Virginia's geologic development, natural resources, and the Earth's composition, structure, history, and total environment.

Biology (4310) SOL COURSE

Prerequisite: Earth Science or Grade 10

Credit: 1.0 GPA: 4.0 **NCAA**

Biology provides a detailed understanding of living systems. Emphasis is on laboratory activities with controlled experiments and dissection. Key topics include biochemical life processes, cellular organization, classification, genetics, evolution, ecology, and human biology. It presents the fundamentals of science stressing the importance of scientific research and the application of scientific concepts to everyday life.

Chemistry (4410) SOL COURSE

Prerequisite: Grade 11 or 12; Algebra 1, Earth Science, and Biology. A B or better in Algebra 1 is recommended.

Credit: 1.0 GPA: 4.0 **NCAA**

The main objective of this college preparatory course is to provide a basic understanding of the concepts of chemistry necessary to study at the college or nursing school level. Units of study include the theories and mathematical concepts of matter, physical/chemical changes, the mole concept of equations and related mathematical problems, the periodic table, atomic/molecular structures, and a brief introduction to organic and nuclear chemistries, and acids and bases.

Chemistry: Pre-IB (4410IB) SOL COURSE

Prerequisite: A grade of "B" or better in Algebra 1 is strongly recommended, and must be enrolled in or have completed Algebra 2: Pre-IB or Algebra 2

Credit: 1.0 GPA: 4.5 **NCAA**

This course is for students preparing to take IB science courses during their junior and senior years or for juniors seeking a more rigorous Chemistry experience. This is an accelerated Chemistry course with a significant concentration of laboratory work.

Anatomy and Physiology (4330)

Prerequisite: Grade 12; IB Biology 1 or Biology

Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for students in twelfth grade who are interested in advanced science, nursing, pharmacy, or other medically related fields. Basic chemistry of the body, cells and tissues, and the nine systems of the vertebrate animal are studied. Special emphasis is placed on mammalian dissection—at least 25% of the course time is devoted to dissection. Dissection gloves will not be provided.

Physics (4510)

Prerequisite: Must have completed or be enrolled in Algebra 2; strong math skills are recommended

Credit: 1.0 GPA: 4.0 **NCAA**

Physics serves as a general background for further study in any of the sciences and for cultural appreciation of the physical principles of the universe. This laboratory course includes the study of waves, mechanics, momentum, energy, vectors, fields, and electricity. Students who expect to study engineering (all types), medicine, or any science discipline are advised to enroll in physics.

Physical Science 2 (4610)

Prerequisite: Grade 11 or 12; Earth Sci. & Biology

Credit: 1.0 GPA: 4.0 **NCAA**

This laboratory-based course is an overview of chemistry and physics. Major areas studied include chemical and physical changes, the periodic table, nuclear reactions, temperature and heat, sound, light, electricity and magnetism, work, force and motion. Students investigate topics through experimentation, and research.

Environmental Ecology (4611)

Prerequisite: Grade 11 or 12; Earth Sci. or Biology
Credit: 1.0 GPA: 4.0 **NCAA**

Environmental Ecology covers the following areas: biodiversity, population studies, pollution, natural resources, ecosystems and biomes, atmosphere and climate change, and food and agriculture. Students will investigate these areas through projects, lab work, and discussions.

IB Biology 1 (4380IB) SOL COURSE

Prerequisite: Grade 11 or 12; Chemistry
Credit: 1.0 GPA: 5.0 **NCAA**

This is the first year of a two-year course that will fulfill the science requirement at the higher level for the International Baccalaureate Diploma. This course may be taken by seniors as an advanced Biology course. This higher level biology course applies the techniques and approach of the experimental sciences. This study is undertaken at a variety of levels and concentrates on the molecular level of biology. Topics include: Characteristics of Life, Classification, Biochemistry, Cells, Energy Transformations, Genetics, Cell Reproduction, Evolution and Ecology. This course is recommended for students interested in pursuing a career in the life sciences. An emphasis will be placed on the development of laboratory skills, data collection, analysis and scientific graphing. Tests and laboratory assessments will focus on experimental design and critical thinking skills.

IB Biology 2 (4390IB)

Prerequisite: Grade 12; IB Biology 1; A grade of "C" or better in IB Biology 1 is strongly recommended.
Credit: 1.0 GPA: 5.0 **NCAA**

This is the second year of a two-year course that will fulfill the science requirement at the higher level for the International Baccalaureate Diploma. This higher level biology course applies the techniques and approach of the experimental sciences. This study is undertaken at a variety of levels from the organism level to that of the biosphere, each with its own distinctive approaches and methods. Students will be presented an in-depth review of the IB Bio 1 course including additional information pertinent to the IB Biology exam. Students will complete several self-designed labs as well as contribute to the IB Sciences 10-hour project. Topics of emphasis will be Genetic Studies, Human Physiology, Evolution, Ecology, and Conservation.

IB Chemistry (4480IB)

Prerequisite: Chemistry; A grade of "B" or better in Chemistry is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA**

This IB course applies an advanced approach to studying chemistry. Students will explore core chemical concepts in depth while looking into the application of chemistry in the world around us. This course is designed to meet the needs of the sixth subject or the IB Diploma science requirement. Students will be required to do a group project related to the study of science. This course is also recommended for students interested in pursuing a career in the applied sciences.

IB Physics (4580IB)

Prerequisite: Physics; A grade of "B" or better in Physics is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

Offered as a second year of Physics, IB Physics allows a deeper and more mathematical investigation of physics concepts as well as investigation into topics not covered in the first year Physics course, including astrophysics and the history of science. This course will fulfill either the sixth subject or the IB Diploma science requirement. Students will engage in lecture, problem solving, lab work, and a group project related to the study of science.

Special Education

All special education students and their parents or guardians participate in developing an individualized educational program (IEP) of studies. Students who take non-SOL-driven content courses in special education will receive an IEP Diploma. Special education students earning a Standard Diploma must pass required SOL tests or participate in summer remediation.

Please note the following:

- Students who have not passed the English 8 SOL or need extra remediation for English 11 SOLs are encouraged to participate in the Supplemental Skills English class.
- Students who have not passed the Math 8 SOL or need extra remediation for Algebra 1 or Geometry SOLs are encouraged to participate in the Supplemental Skills Math class.
- Students may take Education for Work in Grades 10, 11, 12 and work with area agencies in an appropriate school-to-work transition plan.

Education for Work 1: EFW 1 (0960)

Prerequisite: Special Education Students in Grade 10, 11, or 12
Credit: 0.5 GPA: 4.0

This course is recommended for those students preparing for the world of work following high school. Instruction will include: reasons people work, interests, aptitudes and skills, job selection, locating employers and career exploration, planning and decision making. Students will have the opportunity to complete simulation activities, interest and aptitude inventories as well as regular textbook practices. Class activities will include lecture/demonstration, group process, individual projects and guest lectures and field trips as appropriate.

Education for Work 2: Co-op

(0961) (0962) (0964)

Prerequisite: Credit determined by case manager through IEP

Credit: 1.0-3.0 GPA: 4.0

This course is available to students who will be joining the work force following graduation and will need shadowing, mentoring or supervised on-the-job experiences.

Resource (0971-Sem 1; 0970-Sem 2)

Prerequisite: Special Education Students in Grade 9, 10, 11, or 12

Credit: 0.0 GPA: 4.0

This class is designed for students requiring additional academic support beyond the regular classroom. Focus is given to developing learning and study strategies. Students will be expected to define compensatory skills to facilitate active learning in the regular classroom setting. Class activities will include but not be limited to time management, goal setting, problem solving and assignment analysis.

Supplemental Skills E

(S0908A - 1st Sem; S0908B - 2nd Sem)

Prerequisite: Determined by Case Manager through IEP

Credit: 0.5 GPA: 4.0

This semester course is designed to improve reading, grammar, and writing composition processes with intent to increase those skills necessary for the mastery of the English 8 and/or English 11 SOL. Students will have both group and individualized activities based on assessed needs.

Supplemental Skills M

(S0909A - 1st Sem; S0909B - 2nd Sem)

Prerequisite: Determined by Case Manager through IEP

Credit: 0.5 GPA: 4.0

This semester course is designed to improve math processes with intent to increase those skills necessary for success in the student's general ed. math class, as well as mastery of the Algebra 1 and Geometry SOLs. Students will have group and individualized activities based on assessed needs.

Occupational Work and Family Studies (S0160)

Prerequisite: Determined by Case Manager through IEP

Credit: 1.0 GPA: 4.0

This course is designed for special education students who are interested in homemaking, job skills, and consumer buying practices. It stresses accepting responsibility, making homes safe and attractive, care of clothing; planning; preparing and serving nutritious, attractive foods; and caring for children. Students will also have a unit on leisure time activities. Class activities include lecture-demonstration, labs, and individual projects.

Consumer Mathematics (S0317)

Prerequisite: Successful completion of two years of math; Recommended for Grade 11, 12

Credit: 1.0 GPA: 4.0

Consumer Mathematics is designed to increase students' understanding and applications of basic consumer skills that will help prepare them for making wise decisions during "life after graduation." It includes the study of personal income and banking, purchasing food and clothing, renting or buying a place to live, the purchase and maintenance of a car including insurance and taxes. Also included are

the applications of ratios, proportions, percents and the mathematics of budgeting personal income. This course is recommended for juniors and seniors as a final math course.

Computer Applications (S6611)

Prerequisite: None

Credit: 0.5 GPA: 4.0

Computer Applications is an elementary level course designed for the beginning computer users. Students will become familiar with computer hardware and various types of software usage (word processing, spreadsheets, databases, graphics and telecommunications) through hands-on activities. **This course is recommended for special needs students and students with very low computer skills.**

Technology Education

Basic Technical Drawing (8435)

(Pre-Engineering)

Prerequisite: Grade 10

Credit: 1.0 GPA: 4.0

VWCC

This course is the first in a series of engineering courses explaining the fundamentals of drafting. Students discover and develop their talents in basic drafting with respect to industrial processes. Experience will be gained with all drawing tools and equipment with extensive use of computer-aided drafting. All tools and equipment are provided to the student at no cost. Students may dual enroll in this class.

Engineering Drawing (8436)

Prerequisite: Basic Technical Drawing

Credit: 1.0 GPA: 4.0

VWCC

Engineering Drawing is a continuation of Basic Technical Drawing with emphasis on mechanical engineering. Students experience in greater depth the skills and techniques of mechanical engineering in a laboratory-oriented course. Typical engineering design problems will be stressed and explored. There will be advanced assignments and applications in computer-aided design. All tools and equipment are provided to the student at no cost. Students may dual enroll in this class.

Architectural Drawing (8437)

Prerequisite: Basic Technical Drawing

Credit: 1.0 GPA: 4.0

VWCC

Architectural Drawing emphasizes designing a home of the student's choice and making a complete set of plans for that home. The student will draw floor plans; electrical plans; exterior elevations; detail drawing of walls, stairs, fireplaces, and other illustrations of the house. Advanced applications in computer-aided design will be stressed heavily. This course provides information helpful to the future homeowner, home-builder, interior designer, interior decorator, or future architect. All necessary tools and equipment are furnished to the student at no cost. Students may dual enroll in this class.

Photography 1 (8494A)

Prerequisite: Grade 11 or 12 or recommendation of art instructor or publications advisor
Credit: 0.5 GPA: 4.0

In this semester course students will study the basic processes involved in photography. They will study operation of a 35mm camera, develop film, and enlarge photographs. Through classroom instruction, independent study and hands-on activities, students will develop their creative abilities. **Students are required to purchase their own film and paper at a cost of approximately \$30.** Students DO NOT need their own cameras.

Introduction to Architecture (8492)

Prerequisite: None
Credit: 0.5 GPA: 4.0

Introduction to Architecture is a semester course designed to allow students a chance to gain knowledge of the function of the architect as well as house plans, design and layout. Students will gain experience by designing and drawing plans for a client while acting as the architect. The plans will include floor plans, wall details, elevations and electrical plans.

Trades & Industrial Education

Trades and Industrial courses prepare students for additional technical training or for part-time and full-time employment in auto technology, auto body, or welding. These courses are available to all students—male or female. Interested students are encouraged to visit classes and/or meet with teachers during the registration process.

Auto Body 1 (8676)

Prerequisite: Grade 10, 11, or 12; Welding Exploratory Recommended
Credit: 1.0 GPA: 4.0 Class Size of 15

Auto Body 1 is a one-period year course designed to train students for entry level employment in the auto body service area. Students will receive training in all phases of restoring damaged vehicles. Auto Body 1 students may participate in local, state, and national Skills USA events. Skills USA Club membership is recommended. Acceptance in class may require submission of an application. **Senior non-completers may enroll on a space-available basis.**

Auto Body 2 (8677)

Prerequisite: Auto Body 1
Credit: 2.0 GPA: 4.0 Class Size of 20

Auto Body 2 is a two-period block, yearlong course designed to advance students for employment in the auto body service area. Students will be trained on modern up-to-date equipment including a complete paint booth. Auto Body 2

students may participate in local, state, and national Skills USA events. Skills USA Club membership is recommended.

Auto Body 3 (8678A)

Prerequisite: Auto Body 2
Credit: 2.0-3.0 GPA: 4.0 Class Size of 20

Auto Body 3 is a two-period block, yearlong course designed to advance students for employment in the auto body service area. Students will be trained on modern up-to-date equipment including a complete paint booth. During the school year students may be employed on a co-op basis. Auto Body 3 students may participate in local, state, and national Skills USA events. Skills USA Club membership is recommended.

Auto Service Technology 1 (8506)

Prerequisite: Grade 10, 11; Small Engines and Welding Exploratory Recommended
Credit: 1.0 GPA: 4.0 Class Size of 15

Auto Service Technology 1 is a one-period yearlong course designed to train students for entry level employment in auto mechanics. Students of all genders will be trained in selected phases of repairing automobiles. Students will be introduced to local, state, and national Skills USA organizations. Acceptance may require submission of an application. **Senior non-completers may enroll on a space-available basis.**

Auto Service Technology 2 (8507)

Prerequisite: Auto Service Technology 1 and instructor permission.
Credit: 2.0 GPA: 4.0 Class Size of 20

Auto Service Technology 2 is a two-period block, yearlong course designed to train students of all genders for entry level employment or for further education in a technical school. The curriculum includes an in-depth study of advanced phases of repairing automobiles. Students may participate in local, state, and national Skills USA events. Skills USA Club membership is recommended. Selected seniors will participate in a troubleshooting contest for scholarship awards and employment opportunities. A technical ability test and application may apply.

Auto Service Technology 3 (8508A)

Prerequisite: Auto Service Technology 2 and instructor permission.
Credit: 2.0-3.0 GPA: 4.0 Class Size of 20

Auto Service Technology 3 is a two-period block, year-long course designed to train students of all genders for entry level employment or for further education in a technical school. The curriculum includes an in-depth study of advanced phases of repairing automobiles. During the school year, students must be employed on a co-op basis. Students may participate in local, state, and national Skills USA events. Skills USA membership is recommended. Selected seniors will participate in a troubleshooting contest for scholarship awards and employment opportunities.

Welding Exploratory (9070)

Prerequisite: None

Credit: 0.5 GPA: 4.0

Welding Exploratory is a semester course designed to introduce students to welding and to teach basic skills in oxy-fuel welding and cutting, plasma cutting, GMAW (Mig welding), and SMAW (Arc welding). The safe use of basic tools such as right angle grinders, pedestal grinders, drill presses, band saws, and sheet metal breaks will also be practiced.

Intro to Automotive Mechanics (9071)

Prerequisite: None

Credit: 0.5 GPA: 4.0 Class Size of 15

This semester course is designed to introduce students to automobile maintenance and repair. Areas of coverage include; using shop equipment, tools and their proper use, vehicle appearance and detailing, vehicle maintenance such as tire rotation, repair and replacement, recognizing wear problems, oil/filter and fluids checks and changes. Safety and work ethic development are continually taught. All genders are welcome!

Welding 1 (8672)

Prerequisite: Welding Exploratory recommended;
Grade 10 or 11

Credit: 1.0 GPA: 4.0

Welding 1 is a one period year-long course designed to teach oxy-fuel welding and cutting, plasma cutting, GMAW (Mig welding), SMAW (Arc welding), and GTAW (TIG welding). All basic welding joints will be covered. Blueprint reading will be taught throughout the program. Students will be encouraged to participate in SkillsUSA.

Welding 2 (8673)

Prerequisite: Welding 1; Grade 11 or 12

Credit: 2.0 GPA: 4.0 **VWCC**

This is a two period block year-long course. All welding processes, joints, and positions will be emphasized. Repair and production of major projects is encouraged. Students may participate in Skills USA.

Welding 3 (8674)

Prerequisite: Welding 2; Grade 12

Credit: 2.0 GPA: 4.0

This is a two period block year-long course that emphasizes continued practice in all welding processes and positions. Coop opportunities exist for students to work in industry while being supervised by the instructor and industry professionals.

World Languages

The World Languages Department offers five years of four languages: French, German, Spanish, and Latin. Students are not required to take a foreign language to graduate from high school. However, an Advanced Studies Diploma requires three years of one language or two years each of two languages. Proficiency in a foreign language can be an asset in applying to a selective college or in competing in today's job market. Students who are candidates for the IB diploma or certificate may choose French, German, Latin, or Spanish as Language B.

Attention World Language Students

Students requesting a first year World Language MUST make an alternate language choice as well.

French

French 1 (5110)

Prerequisite: A grade of "C" or better in current English class is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed to help students learn elementary French. Listening and speaking skills are stressed with limited reading and writing. Basic grammar is studied; therefore, a strong background in English grammar is recommended. Students learn to converse using everyday French vocabulary. The geography and the culture of France and other French speaking countries are introduced through maps, readings, videos and DVDs.

French 2 (5120)

Prerequisite: French 1; A grade of "C" or better in French 1 is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

French 2 further develops the skills of listening, speaking, reading and writing in the language. A more formal study of grammar and vocabulary building is stressed and accomplished through drills, readings, and written original paragraphs. Cultural awareness development continues.

French 3 (5130)

Prerequisite: French 2; A grade of "C" or better in French 2 is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for the serious language student who has excelled in Levels 1 and 2. It offers an in-depth study of grammar and vocabulary which provide the means for

student expression in spoken and written form. Emphasis is placed on the student's ability to respond to and communicate practical needs and opinions and to extract information from different texts. Daily class participation in the language is expected. The course fulfills the requirement for the advanced studies diploma as well as preparing students for the next two levels of the International Baccalaureate course of study.

IB French 1-French 4 (5142IB)

Prerequisite: French 3; A grade of "B" or better in French 3 is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA**

This course prepares the student for the final year of IB study. Oral presentations, text handling, portfolio preparation, and the development of listening comprehension skills are emphasized. The purchase of a blank cassette is required.

IB French 2-French 5 (5152IB)

Prerequisite: French 4; A grade of "B" or better in French 4 is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA**

This course prepares the student to take the IB French examination at the standard level. Students will develop the ability to effectively communicate orally, through writing, and in response to spoken language. Students will have the opportunity to reach a high degree of competence in French and explore the cultures using the language. The purchase of a blank cassette tape is required.

Latin

Latin 1 (5310)

Prerequisite: A grade of "C" or better in current English class is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

Students will acquire knowledge of basic Latin grammar and vocabulary and will observe Roman life by following the experiences of the Cornelian family. Extensive vocabulary work with English words derived from Latin helps students build their English vocabulary.* Latin I also lays the foundation for the study of modern foreign languages and helps students understand vocabulary, syntax, and grammar of their own language. The study of Latin may be a benefit in careers such as medicine, law, nursing, pharmacy, science and business. ***Studies have shown that Latin students have higher SAT verbal scores than students who have not taken Latin.**

Latin 2 (5320)

Prerequisite: Latin 1; A grade of "C" or better in Latin 1 is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

Students will continue their study of Latin grammar and vocabulary and Roman life with the Cornelian family. By the end of Latin 2, students will be able to read Latin authors with confidence. Latin 2 further develops reading, writing, speaking and listening skills.

Latin 3 (5330)

Prerequisite: Latin 2; A "C" or better in Latin 2 is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for the student who has excelled in Latin 1 & 2. Students will continue vocabulary and derivative acquisition and will complete the study of basic Latin grammar. Those skills will enable students to begin reading authentic Latin literature and to develop translation skills. All readings are studied in their historical and cultural contexts. The course fulfills the requirement for the advanced studies diploma as well as prepares students for the next two levels of the International Baccalaureate course of study.

IB Latin 1-Latin 4 (5340IB)

Prerequisite: Latin 3; A "B" or better in Latin 3 is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

Students will improve vocabulary, grammar and translation skills as they read selections from a variety of Roman authors. They will study any cultural topics relevant to the literature and relate the content to the social and political world of the literary piece. Students will concentrate on authors such as Ovid, Vergil, Horace, and Catullus and study metrical patterns of Latin poetry.

IB Latin 2-Latin 5 (5350IB)

Prerequisite: Latin 4; A "B" or better in Latin 4 is strongly recommended

Credit: 1.0 GPA: 5.0 **NCAA** **VWCC**

Students will improve vocabulary, grammar and translation skills as they read selections from a variety of Roman authors. They will study any cultural topics relevant to the literature and relate the content to the social and political world of the literary piece. Students will concentrate on authors such as Ovid, Vergil, Horace, and Catullus and study metrical patterns of Latin poetry. Students may test at the end of IB Latin 2.

Spanish

Spanish 1 (5510)

Prerequisite: A grade of "C" or better in current English class is strongly recommended

Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed to help students learn elementary Spanish. Listening and speaking skills are stressed with limited reading and writing. Basic grammar is studied; therefore, a strong background in English grammar is recommended. Students learn to converse using everyday Spanish vocabulary. The geography and the culture of Spanish-speaking countries are introduced through maps, readings, and videos.

Spanish 2 (5520)

Prerequisite: Spanish 1; A grade of "C" or better in Spanish 1 is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

Spanish 2 further develops the skills of listening, speaking, reading, and writing in the language. A more formal study of grammar and vocabulary building is stressed and accomplished through drills, readings, and written original paragraphs. Cultural awareness development continues.

Spanish 3 (5530)

Prerequisite: Spanish 2; A grade of "C" or better in Spanish 2 is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for the serious language student who has excelled in Levels 1 and 2. It offers an in-depth study of grammar and vocabulary which provides the means for student expression in spoken and written form. Emphasis is placed on the student's ability to respond to and communicate practical needs and opinions and to extract information from different texts. Daily class participation is expected. The course fulfills the requirement for the advanced studies diploma as well as preparing students for the next two levels of the International Baccalaureate course of study.

IB Spanish 1-Spanish 4 (5542IB)

Prerequisite: Spanish 3; A grade of "B" or better in Spanish 3 is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA**

This course prepares the student for the final year of IB study. Oral presentations, text handling, portfolio preparation, and the development of listening comprehension skills are emphasized. The purchase of a blank cassette is required.

IB Spanish 2-Spanish 5 (5552IB)

Prerequisite: Spanish 4; A grade of "B" or better in Spanish 4 is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA**

This course prepares the student to take the IB Spanish examination at the standard level. Students will develop the ability to effectively communicate orally, through writing, and in response to spoken language. Students will have the opportunity to reach a high degree of competence in Spanish and explore the cultures using the language. The purchase of a blank cassette tape is required.

German

German 1 (5210)

Prerequisite: A grade of "C" or better in current English class is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed to help students learn elementary German. Listening and speaking skills are stressed with limited reading and writing. Basic grammar is studied; therefore, a strong background in English grammar is recommended.

Students learn to converse using everyday German vocabulary. The geography and culture of the German-speaking world is introduced through maps, readings, and videos.

German 2 (5220)

Prerequisite: German 1; A grade of "C" or better in German 1 is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

German 2 offers a review of the basic grammar and vocabulary presented in German 1. The course includes an intensive study of grammar and vocabulary. While listening and speaking continue to be emphasized, the skills of reading and writing are developed. Upon the completion of German 2, students should be able to converse with ease on topics relevant to daily living and to express ideas correctly in written form. In-depth study of German culture continues.

German 3 (5230)

Prerequisite: German 2; A grade of "C" or better in German 2 is strongly recommended
Credit: 1.0 GPA: 4.0 **NCAA**

This course is designed for the serious language student who has excelled in Levels 1 and 2. It offers an in-depth study of grammar and vocabulary which provide the means for student expression in spoken and written form. Emphasis is placed on the student's ability to respond to and communicate practical needs and opinions and to extract information from different texts. Daily class participation is expected. The course fulfills the requirement for the advanced studies diploma as well as preparing students for the next two levels of the International Baccalaureate course of study.

IB German 1-German 4 (5242IB)

Prerequisite: German 3; A grade of "B" or better in German 3 is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA VWCC**

This course prepares the student for the final year of IB study. Oral presentations, text handling, portfolio preparation, advanced grammar, and the development of listening comprehension and speaking skills are emphasized. Summer work is required.

IB German 2-German 5 (5252IB)

Prerequisite: German 4; A grade of "B" or better in German 4 is strongly recommended
Credit: 1.0 GPA: 5.0 **NCAA VWCC**

This course prepares the student to take the IB German examination at the standard level. Students will develop the ability to effectively communicate orally, through writing, and in response to spoken language. Students will have the opportunity to reach a high degree of competence in German and explore the cultures using the language. Summer work is required.

Governor's Career and Technical Academy

The regional center for the study of engineering, advanced mechatronics, culinary arts, and air conditioning and refrigeration is a career pathways focused half-day program designed for eleventh and twelfth grade students from Craig County, Botetourt County, Franklin County, Roanoke County, Roanoke City, and the City of Salem, who have creative, capable minds and a strong interest in applied academics.

The Academy will make every effort to stress critical skills and behaviors identified as being the most important skills and behaviors for success for workers in modern business integrating core academic, workplace readiness skills, and enhanced computer literacy into all curricula.

Students will be awarded 1 weighted credit for each semester of full time attendance at the academy. Full time attendance is defined as 8:30AM-10:45AM Monday through Friday. Transportation to and from the academy will be the responsibility of the parent/guardian.

Salem High School students may apply to participate in the following programs:

Air Conditioning and Refrigeration

The career studies program in Air Conditioning and Refrigeration is designed to meet the training needs of the student by presenting the essential technical concepts and practices of the air conditioning and refrigeration field.

| Class | Course Name | Sem |
|---------|---|-----|
| AIR 121 | Air Conditioning and Refrigeration I | F1 |
| AIR 122 | Air Conditioning and Refrigeration II | S1 |
| AIR 123 | Air Conditioning and Refrigeration III | F2 |
| AIR 165 | Air Conditioning Systems I | S2 |
| AIR 166 | Air Conditioning Systems II | S2 |
| BLD 159 | Mechanical Code and Certification Preparation | F2 |
| ELE 133 | Practical Electricity I | F1 |
| ELE 134 | Practical Electricity II | S1 |
| WEL 120 | Fundamentals of Welding | F2 |

Advanced Technology in Mechatronics

The Advanced Technology program is designed to challenge the student with hands-on experience and training in basic concepts of the electromechanical engineering technology field. At completion students should possess the basic level for skills required for continued training in the Advanced Technology field.

| Class | Course Name | Sem |
|---------|---|-----|
| EGR 105 | Intro to Prob Solving in Tech | F2 |
| ETR 113 | D.C. & A.C. Circuits | S1 |
| EGR 216 | Comp. Methods in Eng. & Tech. | F1 |
| IND 116 | Applied Technology | S1 |
| ETR 286 | Principles & Applications of Robotics | F2 |
| IND 113 | Materials & Processes of Manufact. | S2 |
| EGR 123 | Intr. to Engineering Design | F1 |
| MEC 162 | Applied Hydraulics & Pneumatics | F1 |
| IND 250 | Intro to Basic Comp. Integrated Manufacturing | F2 |
| IND 251 | Automated Manufacturing Systems I | S2 |

Engineering

The career studies program in Engineering is designed for persons who plan to pursue an Associate of Science Degree in Engineering. The following engineering fields are supported by this program: aerospace and ocean, biological systems, chemical, civil and environmental, electrical and computer, engineering science and mechanics, industrial and systems engineering, material science, mechanical, mining and minerals

| Class | Course Name | Sem |
|---------|-------------------------------------|-----|
| EGR 124 | Intro to Eng. & Eng. Methods | F1 |
| EGR 126 | Intro to Eng. & Eng. Methods | F1 |
| EGR 216 | Comp. Methods in Eng. & Technology | F1 |
| EGR 120 | Introduction to Engineering | S1 |
| EGR 140 | Engineering Mechanics - Statics | S1 |
| EGR 125 | Introduction to Engineering Methods | S1 |
| EGR 246 | Mechanics of Materials | F2 |
| EGR 251 | Basic Electric Circuits I/Lab | F2 |
| | 255 | |
| EGR 123 | Introduction to Engineering Design | F2 |
| EGR 245 | Engineering Mechanics - Dynamics | S2 |
| EGR 206 | Engineering Economics | S2 |
| EGR 285 | Capstone Project | S2 |

**For more information,
speak with your
School Counselor.**

Have questions about grades?

Parents are strongly encouraged to use the PowerSchool Parent Portal to keep up with their child's grades and progress. Access the Parent Portal at:

<http://powerschool.salem.k12.va.us/public>

As a first point of contact, please direct questions about grades to your child. If after talking with your child about his or her grades you still have questions, please use email to contact the teacher directly. Please keep in mind Salem High School's Grade Posting Practice:

Salem High School's practice is to have assignments graded and posted online within one week (5 school days) of the date on which the assignment was due. Please note that alterations to the regular school routine related to student and faculty absences, weather-related calendar changes, holidays, and school activities will affect this one week deadline on occasion. Certain types of assignments, such as major projects and longer writing assignments, might take longer to grade and post. In such cases, the teacher will notify students of the date by which the teacher plans to have the assignment graded and posted.

If you feel a conference with your child's School Counselor is necessary, please feel free to contact your child's counselor via email, by calling the school during the day, or by calling the counselor's confidential direct voice mailboxes after school hours:

| | | | |
|------------------------|------------|--------------------------|--|
| Steve Kitchen | A-D | P: (800) 832-1464 | E: skitchen@salem.k12.va.us |
| Buddy Ward | E-I | P: (800) 832-1607 | E: bward@salem.k12.va.us |
| Regina Meredith | J-P | P: (800) 832-1622 | E: rmeredith@salem.k12.va.us |
| Kelly Dalaski | Q-Z | P: (800) 832-1470 | E: kdalaski@salem.k12.va.us |

SOL Terminology

SOL Content Areas:

English, Writing, Mathematics, Science,
Social Science, Computer Technology and
End-of-Course Tests

Scaled Score:

A scale with a range of 0-600.
A scaled score of 400 or more is "passing."
Scores below 400 require summer remediation.

Proficiency Level:

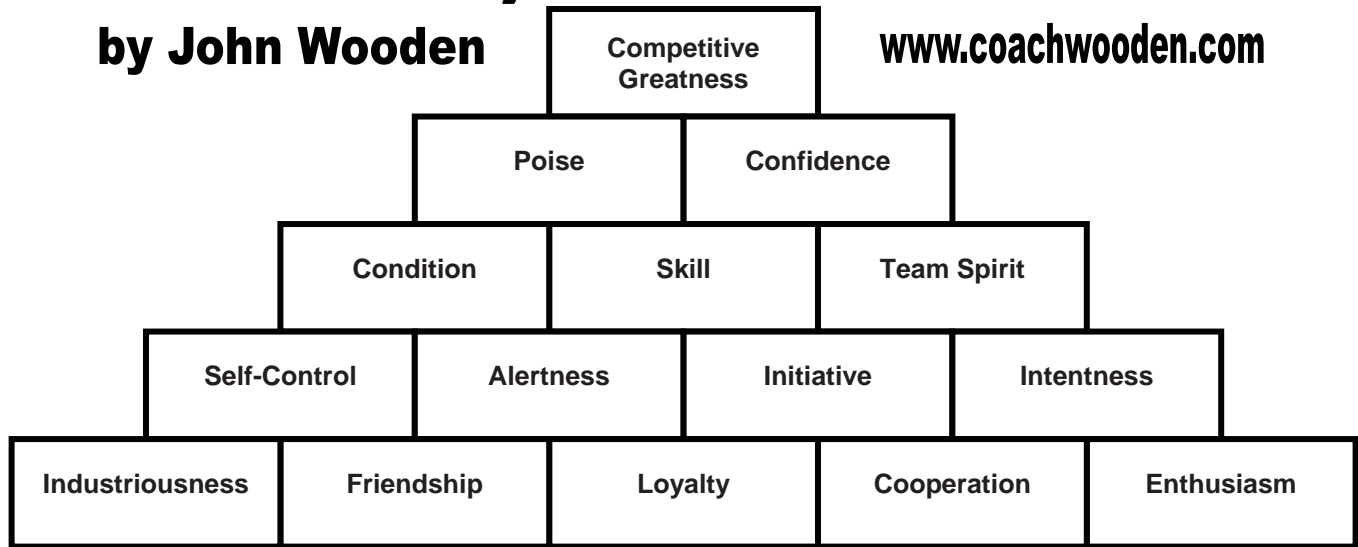
0-399 = Failing; 400-499 = Pass, Proficient; 500-600 = Pass, Advanced

The Pyramid of Success

by John Wooden

Competitive
Greatness

www.coachwooden.com



ATTENTION SALEM STUDENTS: Use the information found in the Registration Guide and the principles of John Wooden's Pyramid of Success to make your own personal plan for success. Don't leave out any of the blocks – and make competitive greatness in life your goal!

| | |
|--------------------------------------|--|
| Industriousness (Cornerstone) | You have to work and you have to work hard. There is no substitute for work. Worthwhile things come only from work. |
| Friendship | For success, either individually or for a team, there must be a level of friendship. It is a powerful force that comes from mutual esteem, respect, and devotion. |
| Loyalty | You cannot work to the best of your ability unless you have someone or something to whom you are loyal. Only then do you gain peace and an increasing ability to perform at your highest level. |
| Cooperation | In order to reach the full potential of the group, there must be cooperation at all levels. This means working together in all ways to accomplish the common goal. And to get cooperation, you must give cooperation. |
| Enthusiasm (Cornerstone) | The second powerful cornerstone is Enthusiasm. You have to like what you are doing; your heart must be in it. Without enthusiasm you can not work up to your fullest ability. |
| Self-Control | Self control is essential for discipline and mastery of emotions, for discipline of self and those around you. |
| Alertness | There is something going on around us at all times from which we can acquire knowledge if we are alert. Too often we get lost in our tunnel vision and we don't see the things that are right in front of us for the taking, for the learning. |
| Initiative | You must not be afraid to fail. Initiative is having the courage to make decisions and take action. Keep in mind that we all are going to fail at times. This you must know. None of us is perfect. But if you are afraid of failure, you will never do the things you are capable of doing. |
| Intentness | Determination, Persistence, Tenacity, Perseverance |
| Condition | You must be conditioned for whatever you are doing if you are going to do it to the best of your ability. |
| Skill | It is at the very center. You have to know what you are doing and be able to do it quickly and properly. |
| Team Spirit | Thinking of others. Losing oneself in the group for the good of the group. It means being not just willing but eager to sacrifice personal interest or glory for the welfare of all. |
| Poise | Being yourself – not acting. Not pretending to be something you are not. Being comfortable with who you are – then you will be able to function near your own level of competence. |
| Confidence | You must have confidence. You must believe in yourself if you expect others to believe in you. |
| Competitive Greatness | Ultimately, all fourteen building blocks in the Pyramid of Success are necessary for competitive greatness. |

High School Planning Guide

| Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|--|---|---|--|
| Join PTSA | Join PTSA | Join PTSA | Join PTSA |
| Attend your program planning conference. | Update your four-year plan. | Review your four-year plan and do a credit check. | Update your four-year plan and do a credit check. |
| Complete the online Kuder career and skills assessments. | Attend College Day. (September) | Attend College Day. (Sept.) | Develop a resume and do job and college searches in the career room. |
| Visit the math tutor before school when necessary. | Take the PSAT. (October) | Take PSAT. (Oct.) | Attend College Day. (September) |
| Visit the Career Room and Media Center. | Prepare all year for end of course tests in May/June. | If planning college, take the SAT/ACT. | Talk with colleges/military. |
| Prepare all year for end of course tests in May/June. | Meet with military recruiters (Cafeteria on a scheduled basis). | Plan SAT Subject Tests. | Take the ASVAB. |
| Volunteer! | Attend the Financial Aid Meeting (Dec.) and visit the Guidance Department website. | Attend SHS SAT preparation sessions. | Register for SAT/ACT |
| Participate in extracurricular activities. | Last chance to begin a world language to earn Adv. Studies Diploma. | Prepare all year for end of course tests. | Attend the Financial Aid Meeting (Dec.) or visit the financial aid website. |
| Use your registration guide. | Know prerequisites for all advanced coursework: IB/Dual Enrollment. | Maintain good grades. | Complete FAFSA when parents complete federal tax return. |
| Use your agenda to plan each day. | Keep a list of accomplishments and activities for college and scholarship applications. | Attend the Financial Aid Meeting (Dec.) or visit the financial aid website. | Search for scholarship opportunities, and read the scholarship lists published by Guidance. |
| Attend summer school for remediation or enrichment. | Read during summer vacation. It is the secret to boosting SAT scores. | Consider IB/Dual-Enrollment Courses. | Apply for SEF and Chance Crawford Scholarships |
| Attend school regularly. Know school policies. | Attend school regularly. Know school policies. | Talk with representatives from colleges. | Complete college applications. Give teachers two weeks notice to write recommendations. Also, sign transcript release in guidance. |
| Give your best effort on all standardized tests. | Enjoy high school. | Develop a list of realistic post-secondary choices. | Join Salem Education Foundation |
| Read to boost all achievement scores. | Support the Spartans and be proud to be one. | Look for scholarship opportunities. | Support the Spartans and be proud to be one. |
| Enjoy high school. | | Visit colleges. | |
| Support the Spartans and be proud to be one. | | Get a summer job. | |
| | | Ask summer employer for a letter of reference for your career portfolio. | |
| | | Support the Spartans and be proud to be one. | |

SUGGESTED ELECTIVES FOR VARIOUS CAREER MAJORS

| | |
|--------------------------------------|---|
| ENGINEERING: | Basic Technical Drawing, Engineering Drawing, Computer Programming, Chemistry, Physics, Advanced Math classes, Keyboarding, Computer Solutions, Electricity, Welding |
| ARCHITECTURE: | Basic Technical Drawing, Architectural Drawing, Computer Programming, Advanced Math Classes, Photography, Art, Physics, Chemistry, Keyboarding |
| LEGAL FIELDS: | Drama, World History, Psychology, Sociology, Business Law, Practical Law, World Language, Computer Solutions, Keyboarding |
| JOURNALISM AND COMMUNICATION: | Newspaper, Keyboarding, Computer Solutions, Desktop Publishing, Sociology, Psychology, World History, World Language, Photography, Photojournalism, Drama, Multimedia Presentations |
| SERVICE PROFESSIONS: | (Social worker, teacher, psychologist, health career, etc.) Child Development, Sociology, Psychology, Keyboarding, Computer Solutions, World Language, Drama, Advanced Math, Early Childhood Education, |
| HEALTH RELATED: | Chemistry, Anatomy, Advanced Math, Psychology, Sociology, Athletic Training, Child Development, Early Childhood Education, Keyboarding, Computer Solutions, Exploring Foods |
| BUSINESS: | Accounting, Business Law, IB Business & Management, Notehand, Keyboarding, Computer Solutions, Computer Programming, Advanced Math, Psychology, Sociology, World Language, Practical Law, Computer Information Systems, Marketing, Personal Finance, Personal Investing, Desktop Publishing, Cooperative Office Education (COE), Multimedia Presentations |
| SECRETARIAL (PARALEGAL): | Keyboarding, Computer Solutions, Business Law, Office Systems, Computer Information Systems, Practical Law, Multimedia Presentations, Computer Solutions, Accounting, Personal Finance |
| INTERIOR DESIGN: | Art, Basic Technical Drawing, Sociology, Psychology, Keyboarding, Business Law, Personal Finance, Graphic Arts Design, Computer Art Graphics |
| PERFORMING ARTS: | Art Foundations, Painting, Drawing, Graphic Arts Design, Computer Art Graphics, IB Art, Chorus, Drama, Theater Production, Band, Flags |
| NUTRITION/ FITNESS: | Exploring Foods, Athletic Training, Weight Training, Chemistry, Anatomy, Team Sports, Recreation Sports, Family & Consumer Sciences |

Salem High School Course

| | Grade 8 | Grade 9 | Grade 10 |
|----------------|-----------|------------------|---------------------------------|
| English | English 8 | English 9 | English 10 or English 10 Pre-IB |
| | | English 9 Pre-IB | English 10 Pre-IB |

| | Grade 8 | Grade 9 | Grade 10 |
|----------------|------------------|------------------|-----------------------------|
| Science | Physical Science | Earth Science | Biology |
| | | | Biology or Chemistry Pre-IB |
| | | Chemistry Pre-IB | Physics or Biology |

| | Grade 8 | Grade 9 | Grade 10 |
|-----------------------|-----------------|----------------------|--|
| Social Studies | World Geography | Modern World History | <i>(none required for Standard Diploma or for Advanced Diploma if World Geography credit earned at ALMS)</i> |
| | | | Ancient World History |
| | | | College US History* |
| | | | College US Government* |

| | Grade 8 | Grade 9 | Grade 10 | |
|-------------|---|--|--|--------------------------------|
| Math | Math 8/ Pre-Alg. | Algebra 1 Part 1 (not a Math credit) | Algebra 1 Part 2 | |
| | Algebra 1 Part 1 (not a Math credit) | Algebra 1 Part 2 | Geometry | |
| | Algebra 1 Part 2 | Geometry | Geometry | AFDA |
| | | Algebra 2 Pre-IB (if enrolled in Chemistry Pre:IB) | Algebra 2 Pre-IB (if enrolled in Chemistry Pre:IB) | Algebra 2, or Algebra 2 Pre:IB |
| | Geometry | Algebra 2 or Algebra 2 Pre-IB | Geometry/Trig Pre:IB | Adv. Algebra Trig Pre:IB* |

* = Course is Dual Enrolled with Virginia Western Community College

Sequence Chart

| Grade 11 | Grade 12 |
|---------------|--------------------------------|
| English 11 CC | English 12 CC |
| English 11 CP | English 12 CP or IB English 1* |
| IB English 1* | IB English 2* |

| Grade 11 | Grade 12 |
|---|--|
| Physical Science 2, Chemistry, or Environmental Ecology | <i>(none required for Standard Diploma)</i> |
| Chemistry, Chemistry Pre-IB, IB Biology 1, IB Chemistry | Anatomy, Physics, IB Biology 2, IB Biology 1, IB Chemistry |
| IB Biology 1, IB Chemistry, IB Physics* | IB Biology 2, IB Chemistry, IB Physics*, IB Biology, Anatomy, Earth Science, Biology |

| Grade 11 | Grade 12 |
|-----------------------------------|---|
| US History or College US History* | US Government or College US Government* |
| College US Government* | IB History 1 |
| IB History 1 | IB History 2* |

| Grade 11 | Grade 12 |
|--|--|
| Geometry | Computer Math, AFDA, Algebra 2, or Algebra 2 Pre:IB |
| AFDA | Algebra 2 or Algebra 2 Pre:IB |
| Algebra 2 or Algebra 2 Pre:IB | Advanced Algebra/Trig Pre:IB*, or IB Math Studies 1* |
| Algebra 2 or Algebra 2 Pre:IB | Adv. Alg/Trig Pre:IB*, or B Math Studies 1* |
| Adv. Alg/Trig Pre:IB*, or IB Math Studies 1* | Elements of Calculus*, IB Calculus*, or IB Math Studies 2* |
| IB Math Studies 1*, or IB Math Analysis* | IB Math Studies 2*, or IB Calculus* |
| IB Math Studies 1*, or IB Math Analysis* | IB Math Studies 2*, or IB Calculus* |

NCAA Initial-Eligibility Clearinghouse

NCAA information and requirements are constantly changing. Stay up-to-date by visiting the Clearinghouse website at: www.ncaaclearinghouse.net. Use school code 472035 for access to Salem High School information.

To be certified by the Clearinghouse, you must:

1 Graduate from high school.

You should apply for certification before graduation if you are sure you wish to participate in athletics as a freshman at the college to which you will be admitted. The Clearinghouse will issue a preliminary certification report when you have had all your materials submitted. After you graduate, if your eligibility information is requested by a member institution, the Clearinghouse will review your final transcript to make a final certification decision according to NCAA standards.

The NCAA Initial-Eligibility Clearinghouse has the following courses on file as meeting NCAA core course guidelines. You must have 14 of

these courses (with minimums noted). If a course is not on the list, you cannot count it. Subjects taken in the eighth grade do not count.

English

Creative Writing 1
Creative Writing 2
English 10
English 10 Pre-IB
English 11 College Preparatory
English 12 College Preparatory
English 11 Career Communications
English 12 Career Communications
English 9
English 9 Pre-IB
IB English 1
IB English 2
IB Extended Essay 1
IB Extended Essay 2
Speech
Word Power
World Literature

Mathematics (Minimum 2)

Adv. Algebra/Trig.
Algebra 1
Algebra 1-Parts 1 & 2 (0.5 ea)
Algebra 2
Algebra 2 Pre-IB
Elements of Calculus Pre-IB
Geometry
Geometry/Trig. Pre-IB
Math Analysis IB
IB Math 1 - Math Analysis
IB Math 2
IB Math Studies 1
IB Math Studies 2

Social Studies

20th Century World History
Am. Government
Am. History
Business Law
College Government
College History
Economics
Practical Law
Psychology
Sociology
History 1 - IB
History 2 - IB
Theory of Knowledge IB 1
Theory of Knowledge IB 2
VA/U.S. Government
VA/U.S. History
World Geography
World History
Modern World History
Ancient World History

Natural/Physical Science (Minimum 20)

Anatomy & Physiology (Lab)
Biology (Lab)
Biology 1/IB (Lab)
Biology 2/IB (Lab)
Chemistry (Lab)
Chemistry Pre-IB (Lab)
Chemistry SL/IB (Lab)
Earth Science (Lab)
Physical Science 2 (Lab)
Physics (Lab)

Additional Core Courses

Business Law
Classical Mythology
French 1
French 2
French 3
French 4 IB
French 5 IB
German 1
German 2
German 3
German 4 IB
German 5 IB
IB Theater
Latin 1
Latin 2
Latin 3
Latin 4 IB
Latin 5 IB
Spanish 1
Spanish 2
Spanish 3
Spanish 4 IB
Spanish 5 IB

Note: The NCAA no longer accepts Computer Science courses to fulfill core course requirements.

2 Earn a grade-point average of at least 2.00

in a core curriculum of at least 14 academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. No special values are allowed for "+" or "-" grades. The chart on the following page shows what your core courses must include at a minimum.

Core Units Required for NCAA Certification

| | Division I 2005-2007 | Division I 2008 & later | Division II 2005 & Later |
|---|---------------------------------|--|---|
| English Core | 4 years | 4 years | 3 years |
| Math Core | 2 years | 3 years | 2 years |
| Science Core | 2 years | 2 years | 2 years |
| Social Science Core | 2 years | 2 years | 2 years |
| From English, Math, or Science (additional core) | 1 year | 1 year | 2 years |
| Additional Core (English, Math, Science, Social Science, Foreign Language, Nondoctrinal Religion, Philosophy) | 3 years | 4 years | 3 years |
| Total Core Units Required | 14 | 16 | 14 |

3 Earn a sum of scores of at least 68 on the ACT or a combined score of at least 820 on the SAT on a national test date.

For Division I: The minimum grade-point average in the 14 core courses and required ACT or SAT score vary according to the Initial-Eligibility Index below. This index applies to students who wish to participate in Division I athletics.

| Core GPA | ACT | SAT |
|----------------------|------------|------------|
| Sum of Scores | | |
| above 2.500 | 68 | 820 |
| 2.500 | 68 | 820 |
| 2.475 | 69 | 830 |
| 2.450 | 70 | 840-850 |
| 2.425 | 70 | 860 |
| 2.400 | 71 | 860 |
| 2.375 | 72 | 870 |
| 2.350 | 73 | 880 |
| 2.325 | 74 | 890 |
| 2.300 | 75 | 900 |
| 2.275 | 76 | 910 |

| Core GPA | ACT | SAT |
|----------------------|------------|------------|
| Sum of Scores | | |
| 2.250 | 77 | 920 |
| 2.225 | 78 | 930 |
| 2.200 | 79 | 940 |
| 2.175 | 80 | 950 |
| 2.150 | 80 | 960 |
| 2.125 | 81 | 960 |
| 2.100 | 82 | 970 |
| 2.075 | 83 | 980 |
| 2.050 | 84 | 990 |
| 2.025 | 85 | 1000 |
| 2.000 | 86 | 1010 |

For additional information, students should refer to the *NCAA Guide for the College-Bound Student-Athlete*. These booklets are available in the Guidance Department. Information can also be obtained online at www.ncaaclearinghouse.net

The most frequently asked question: WHEN SHOULD I REGISTER WITH THE CLEARINGHOUSE?

Students should apply for certification after their junior year in high school if they wish to participate in inter-collegiate athletics as a freshman at a Division I or II institution. Please note that final eligibility/certification is not granted until the student graduates from high school and a final transcript is sent. The student is responsible to request that this final transcript be sent to the NCAA.

Virginia Graduation Requirements for Student Transfers

Standard Diploma Verified Credit Requirements

Beginning = First 20 hours of instruction; During = After the first 20 hours of instruction

| Students transferring into a Virginia public school for the first time | | | |
|--|---|--------------------------------------|-------------------------------------|
| Grade Level Entered | Must Earn | Ninth Graders in 00-01, 01-02, 02-03 | Ninth Graders in 2003-04 and beyond |
| During 9th Grade OR Beginning of 10th Grade: | 6 Verified Credits: | | |
| | English | 2 | 2 |
| | Mathematics | | 1 |
| | Science | | 1 |
| | History & Social Science | | 1 |
| | Student Selected | 4 | 1 |
| During 10th Grade OR Beginning of 11th Grade: | 4 Verified Credits: | | |
| | English | 1 | 1 |
| | Mathematics | | 1 |
| | Science | | 1 |
| | History & Social Science | | 1 |
| | Student Selected | 3 | |
| During 11th Grade OR Beginning of 12th Grade: | 2 Verified Credits: | | |
| | English | 1 | 1 |
| | Student Selected | 1 | 1 |
| During 12th Grade: | Students should be given every opportunity to earn a diploma; if this is not possible, arrange to have the previous school award the diploma; or seek a waiver of the verified credit requirement from the DOE. | | |

Advanced Diploma Verified Credit Requirements

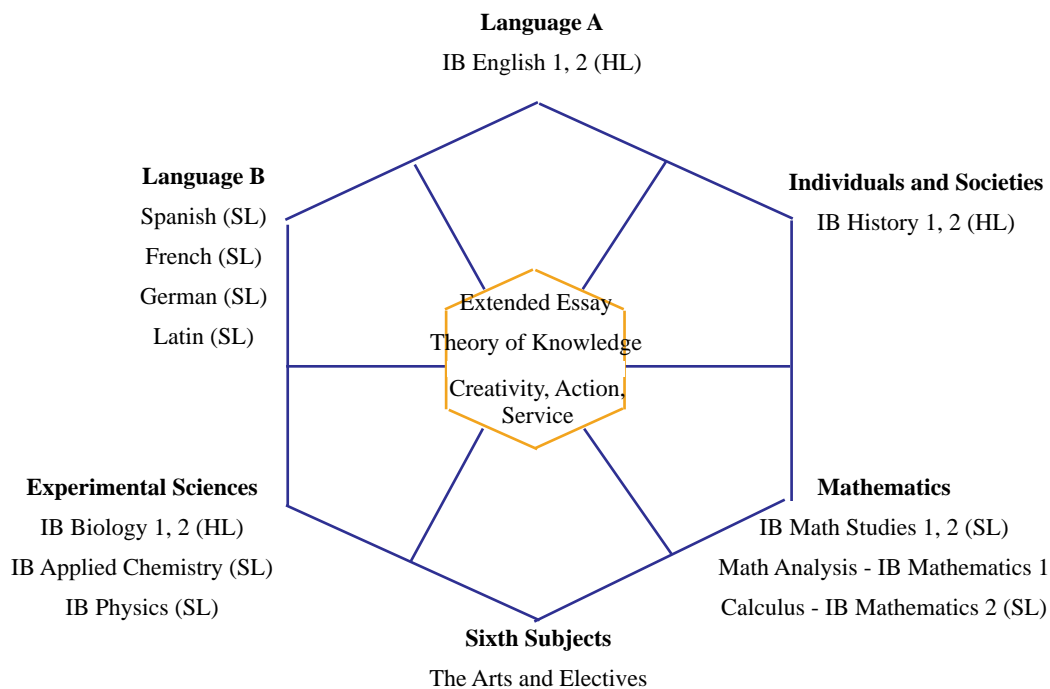
Beginning = First 20 hours of instruction; During = After the first 20 hours of instruction

| Students transferring into a Virginia public school for the first time | | |
|--|---|-------------------------------------|
| Grade Level Entered | Must Earn | Ninth Graders in 2000-01 and beyond |
| During 9th Grade OR Beginning of 10th Grade: | 9 Verified Credits: | |
| | English | 2 |
| | Mathematics | 2 |
| | Science | 2 |
| | History & Social Science | 2 |
| | Student Selected | 1 |
| During 10th Grade OR Beginning of 11th Grade: | 6 Verified Credits: | |
| | English | 2 |
| | Mathematics | 1 |
| | Science | 1 |
| | History & Social Science | 1 |
| | Student Selected | 1 |
| During 11th Grade OR Beginning of 12th Grade: | 4 Verified Credits: | |
| | English | 1 |
| | Student Selected | 3 |
| During 12th Grade: | Students should be given every opportunity to earn a diploma; if this is not possible, arrange to have the previous school award the diploma; or seek a waiver of the verified credit requirement from the DOE. | |

International Baccalaureate Program

| Credits Required | English | Math | Science | History and Social Science | |
|------------------|----------------------------|----------------|------------------------|----------------------------|---|
| IB Diploma (28) | 4 | 5 | 4 | 5 | |
| | Health and Phys. Education | World Language | Fine or Practical Arts | Minimum Electives | Electives must include 1/2 unit in Personal Finance |
| | 2 | 5 | 1 | 2 | |

IB Diploma students also receive the Advanced Studies Diploma.



Language A1 (English) including the study of selections from World Literature.

Language B: Spanish, French, German, or Latin

Individuals and Societies: History of Europe, Twentieth Century History

Experimental Sciences: Biology, Chemistry, Physics

Mathematics: Mathematical Studies, Mathematical Analysis (Methods), Calculus

The Arts and Electives: Art/Design, Music, Theatre Arts, Business and Management, a second world language, a second science

Visit the IB website at www.ibo.org or the Salem IB website through the school webpage at <http://salem.k12.va.us/shs/ib>

SHS CREDIT CHECK – CLASS OF 20_____

Student Name: _____

Phone: _____

English (4.0 credits)

- _____ English 9
- _____ English 10
- _____ English 11*
- _____ English 12
- _____ IB English 1
- _____ IB English 2

Social Studies (3.0 SD; 4.0 AD)

- _____ World Geography*
- _____ Modern World History*
- _____ Ancient World History*
- _____ VA/US History*
- _____ VA/US Government
- _____ IB History 1*
- _____ IB History 2

Mathematics (3.0 SD; 4.0 AD)

- _____ Algebra 1, part 1 [2014]
- _____ Algebra 1, part 2*
- _____ Geometry*
- _____ Geometry/Trig*
- _____ Computer Math
- _____ AFDA
- _____ Algebra 2*
- _____ Algebra 2, Pre-IB
- _____ Adv. Algebra/Trig
- _____ IB Math Studies 1
- _____ IB Math Studies 2
- _____ Math Analysis
- _____ Elements of Calculus
- _____ IB Calculus AB

Science (3.0 SD; 4.0 AD)

- _____ Earth Science*
- _____ Biology*
- _____ IB Biology 1*
- _____ IB Biology 2*
- _____ Physical Science 2
- _____ Chemistry*
- _____ IB Chemistry
- _____ Physics
- _____ IB Physics
- _____ Environmental Ecology
- _____ Anatomy

Health & Physical Education (2.0)

- _____ Physical Education 9
- _____ PE 10: _____
- _____ Health 9
- _____ Health 10

Foreign Language (2+2 or 3 AD)

- _____ 1st year
- _____ 2nd year
- _____ 3rd year

- _____ 1st year
- _____ 2nd year
- _____ 1st year
- _____ 2nd year

Fine & Practical Arts (1.0 credit)

- _____ - _____
- _____ - _____

- _____ Personal Finance (0.5)
- _____ Economics (0.5) [2014]

Electives

- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____
- _____ - _____

Sequential Electives

- _____
- _____

* Course with SOL test
2014 – Requirements Change

Total Credits:

- _____ 8th grade
- _____ 9th grade
- _____ 10th grade
- _____ 11th grade
- _____ TOTAL (thru 11th)
- _____ 12th grade taking
- _____ TOTAL (thru 12th)

Graduation

- _____ June
- _____ August

Diploma Types

- _____ Standard (22 credits)
- _____ Advanced (24 credits)

NOTES:

Courses Needed for Graduation!!

- | | |
|--|--|
| | |
| | |
| | |

Verified Credits - Class of 2007 and on, students must earn verified credits to graduate:

Standard Diploma – 6 verified credits: 2 English, one in each area & one bonus

Advanced Diploma – 9 verified credits: must include 2 in each core area & 1 bonus

Key: (V) verified credit secured; (T) taking SOL course, will test this year; (PR) potential retake

- | | | | |
|--------------------------|------------------|---------------------|----------------------------|
| _____ English 11 Writing | _____ Algebra 1 | _____ Earth Science | _____ World Geography |
| _____ English 11 RLR | _____ Geometry | _____ Biology | _____ World History I |
| | _____ Algebra 2 | _____ Chemistry | _____ World History II/IB1 |
| | | | _____ US/VA History |
| _____ totals English | _____ total Math | _____ total Science | _____ total History |

SALEM HIGH REGISTRATION 2010-2011

Name: _____ Student #: _____ Year of Graduation: _____
Last First
 Phone: _____ Current Grade: _____ Type of Diploma: _____

| ### | Requests | Credits | | Counselor's Comments | |
|--------|----------|---------|-----|----------------------|---------|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | ### | Alternate Electives | Credits |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Totals | | | | | |

1. Read registration guide carefully.
2. Fill out all requests, course numbers, and credits in spaces provided.
3. Choose alternate electives carefully.
4. Salem High strongly encourages ALL students to take AT LEAST six classes.
5. Parent and student MUST sign.
6. To participate in interscholastic sports programs, the Virginia High School League requires "Take five-pass five". Non-credit courses and previously passed courses, DO NOT count in this five.
7. Students who DO NOT meet the prerequisite will have their schedules adjusted during the summer.
8. By registering for a Pre-IB, IB, College or Dual Enrolled course, the student and parent agree to abide by the "Commitment to Advanced Program of Study" as listed in the Registration Guide. Request for changes are to be made in-writing to the SHS Guidance Department by the last Friday in June.

I understand that these course selections are correct and have my approval.

 Student signature date Parent signature date

Counselor use only (do not write below this line)

Verified Credits – Beginning with the Class of 2007, students must earn verified credits to graduate:
 Standard Diploma – 6 verified credits: 2 English, one in each core area & 1 bonus
 Advanced Diploma – 9 verified credits: 2 in each core area & 1 bonus
 Key: (V) verified credit secured; (T) taking SOL course, will test this year; (PR) potential retake, (LV) Local Verified

| | | | |
|--------------------------|------------------|---------------------|----------------------------|
| _____ English 11 Writing | _____ Algebra 1 | _____ Earth Science | _____ World Geography |
| _____ English 11 RLR | _____ Geometry | _____ Biology/IB 1 | _____ World History I |
| | _____ Algebra 2 | _____ Chemistry | _____ World History II/IB1 |
| | | | _____ US/VA History |
| _____ total English | _____ total Math | _____ total Science | _____ total History |

NEW APPLICATION PROCEDURE FOR DUAL ENROLLED STUDENTS:

Beginning Monday, November 2, 2009, Virginia Western CC will no longer accept the three-page, paper copy of the dual enrollment application which is usually completed by students and their parents. In addition, the college will no longer accept the paper copy of the “Returning Student Data Form” from students who have to renew their VWCC application each year to continue their dual enrollment status. For the school year, 2010-2011, any student who wishes to participate in the dual enrollment program in one of our area high schools, must complete the online application located at:

http://www.viriniawestern.edu/student_life/for_dual_enrollment/

Students who have never taken a dual enrollment class – and their parents – will need to look at the right margin of the web page to an array of tabs. One of the tabs is entitled NEW APPLICATION FOR ADMISSION—PART I. This section contains the actual application for admission to the college and must be completed by all first time dual enrollment students.

When this section is completed, the student’s EMPL ID number automatically appears on the screen. Parents and students should make a note of it because it will need to be used in the next section of the application process. The completed application will be directed electronically to the college’s Admissions Office where it will be processed. New students should receive a letter from the college in about a week, which welcomes their acceptance into college and also includes their EMPL ID number. Dual students need to write this number down and keep it handy.

The tab directly below PART I is entitled NEW APPLICATION FOR ADMISSION—PART II. This section contains a form that the parent needs to complete, sign, date and return to the Office of Admissions and Records; otherwise, the application process for the student cannot be completed. Please note that both PART I and PART II of the application must be completed.

Finally, under these two tabs is the RENEWAL APPLICATION FOR RETURNING DUAL STUDENTS tab, which must be completed by all students who have already taken a dual enrolled class and anticipate continuing their dual enrollment in the coming school year.

I am asking you to inform prospective dual students of this new procedure—perhaps in a prominent place in the “Registration Guide” most of your systems publish each year for the coming school year and through notices in each Guidance Office and from guidance counselors.

Senior Checklist

- _____ Register for the SAT and/or ACT. Include the school code (472035).
- _____ Register for SAT subject tests if required by colleges.
- _____ Make requests with CollegeBoard and/or ACT to have scores sent to colleges.
- _____ Turn in signed Transcript Release form to the Guidance Secretary.
- _____ Attend Senior Q&A with parents in October.
- _____ Attend the College Fair at the Salem Civic Center in September.
- _____ Visit with college reps who come to SHS.
- _____ Visit colleges and attend open houses.
- _____ Attend the Financial Aid Workshop in December.
- _____ Complete the Free Application for Federal Student Aid (FAFSA) in January/February.
- _____ Check the SHS Guidance website regularly for scholarship information.
- _____ Complete early decision applications by October 1.
- _____ Complete all college applications regardless of deadlines by December 1.
- _____ Make sure any parts of the application that need to be completed by a counselor have been turned in.
- _____ Check with all colleges to see if all parts of the application have been received.
- _____ In late April/early May complete the final transcript request form.
- _____ For athletes participating in a sport at a Division I or II college, register with the NCCA.
- _____ Visit with military reps during lunches.
- _____ Visit Mr. Coleman (Career Coach) to see if the Kuder Career Inventory has been completed.
- _____ See Mr. Coleman for information regarding the free tuition program at Virginia Western Community College (if available for the Class of '09).



Graduation requirements for freshmen entering high school in 2010 and beyond

| Diploma Types & Credits (Standard/Verified) Required for Graduation | | | | | | | | | | | |
|---|--------------------|------------------|----------------------|------------------|----------------------|------------------|--------------------|------------------|-----------------------|----------|----------|
| Discipline Area | Standard Diploma | | Stand. Tech. Diploma | | Adv. Studies Diploma | | Adv. Tech. Diploma | | Modif. Stand. Diploma | | Verified |
| | Standard | Verified | Standard | Verified | Standard | Verified | Standard | Verified | Standard | Verified | |
| English | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | | |
| Math | 3 ⁽¹⁾ | 1 | 3 ⁽¹⁾ | 1 | 4 ⁽¹⁰⁾ | 2 | 4 ⁽¹⁰⁾ | 2 | 3 ⁽¹³⁾ | | |
| Science | 3 ^(2,6) | 1 | 3 ^(2,9) | 1 | 4 ⁽²⁾ | 2 | 4 ⁽²⁾ | 2 | 2 ⁽¹⁴⁾ | | |
| History | 3 ^(3,6) | 1 | 3 ^(3,9) | 1 | 4 ⁽¹¹⁾ | 2 | 4 ⁽¹¹⁾ | 2 | 2 ⁽¹⁵⁾ | | |
| World Lang | | | | | 3 ⁽¹²⁾ | | 3 ⁽¹²⁾ | | | | |
| Health/PE | 2 | | 2 | | 2 | | 2 | | 2 | | |
| Econ & Pers. Finance | 1 | | 1 | | 1 | | 1 | | | | |
| World Lang, Fine Arts, or CTE | 2 ⁽⁷⁾ | | | | | | | | | | |
| Fine Arts or CTE | | | | | 1 | | 1 | | 1 | | |
| Fine Arts or World Lang | | | 1 | | | | | | | | |
| CTE | | | 4 ⁽⁸⁾ | | | | 3 ⁽⁸⁾ | | | | |
| Electives | 4 ⁽⁴⁾ | | 1 | | 3 | | | | 6 ⁽¹⁶⁾ | | |
| Student Selected Test ⁽⁵⁾ | | 1 ⁽⁵⁾ | | 1 ⁽⁵⁾ | | 1 ⁽⁵⁾ | | 1 ⁽⁵⁾ | | | |
| Total | 22 | 6 | 22 | 6 | 26 | 9 | 26 | 9 | 20 | 0 | |

Please see footnote explanations on the next page.

Footnote explanations for chart on diploma types and credits required for graduation

- ¹ Courses completed to satisfy this requirement shall include at least two different course selections from among: Algebra I, Geometry, Algebra, Functions, and Data Analysis, Algebra II, or other mathematics courses above the level of Algebra II. The board shall approve courses to satisfy this requirement.
- ² Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma. The board shall approve courses to satisfy this requirement.
- ³ Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and one course in either world history or geography or both. The board shall approve courses to satisfy this requirement.
- ⁴ Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality.
- ⁵ A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics, or other areas as prescribed by the board in 8 VAC 20-131-110.
- ⁶ Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement.
- ⁷ Pursuant to Section 22.1-253.13:4, Code of Virginia, credits earned for this requirement shall include one credit in fine or performing arts or career and technical education.
- ⁸ Courses completed to satisfy this requirement must include a career concentration as approved by the board. If a career concentration includes a specific assessment approved by the board and the student is eligible to take the assessment, then the student must take this assessment.
- ⁹ Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the board as an additional test to verify student achievement.
- ¹⁰ Courses completed to satisfy this requirement shall include at least three different course selections from among: Algebra I, Geometry, Algebra II, or other mathematics courses above the level of Algebra II. The board shall approve courses to satisfy this requirement.
- ¹¹ Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and two courses in either world history or geography or both. The board shall approve courses to satisfy this requirement.
- ¹² Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.
- ¹³ Courses completed to satisfy this requirement shall include content from among applications of algebra, geometry, personal finance, and probability and statistics in courses that have been approved by the board.
- ¹⁴ Courses completed shall include content from at least two of the following: applications of earth science, biology, chemistry, or physics in courses approved by the board.
- ¹⁵ Courses completed to satisfy this requirement shall include one unit of credit in U.S. and Virginia History and one unit of credit in U.S. and Virginia Government in courses approved by the board.
- ¹⁶ Courses to satisfy this requirement shall include at least two sequential electives in the same manner required for the Standard Diploma.

Release of Record Information

SALEM HIGH SCHOOL
400 SPARTAN DRIVE
SALEM, VA 24153

AUTHORIZATION FOR RELEASE OF RECORD INFORMATION TO COLLEGES AND EMPLOYERS

Last Name _____ First _____ Middle _____ Maiden _____ Date of Birth _____
Street Address _____

City _____ State _____ Zip _____ Telephone Number _____

Date will graduate / graduated / withdrew _____

Authorization is hereby granted to Salem High School to release to:

| | | | |
|------------------------|---------------|------------------|-----------------------------|
| College/Business _____ | Address _____ | Circle One: | Date Sent _____ |
| _____ | _____ | Send Immediately | Wait for College Form _____ |
| _____ | _____ | Send Immediately | Wait for College Form _____ |
| _____ | _____ | Send Immediately | Wait for College Form _____ |
| _____ | _____ | Send Immediately | Wait for College Form _____ |

The following information from my child's/my record:

Colleges:

Official Scholastic Record (Name; address; birth date; grade level completed; grades; class standing; transcript; attendance records; standardized achievement test scores; school, community activities; work experience)

Business:

Transcript, attendance data, vocational evaluations, employability skills

Date _____ Parent's / Guardian's / Eligible Student's Signature _____

SHS Electives 2010-2011

ART

Art Foundations
Advanced Drawing
Ceramics 1
Ceramics 2
Ceramics Aesthetics
Beginning Painting
Advanced Painting
Graphic Arts Design
Computer Art Graphics
IB Art 1
IB Art 2

BUSINESS

Keyboarding 1
Computer Solutions
Personal Finance
Personal Investing
Computer Information Systems
Accounting
COE
Notehand
Business Law
Business Economics
Desktop Publishing
Multimedia Presentations
Photojournalism: Yearbook
IB Business Management

ENGLISH

Word Power
Newspaper 1, 2, 3
Newspaper Semester
Creative Writing 1
IB Extended Essay 1
IB Extended Essay 2
Classical Mythology
Speech

FAMILY & CONSUMER SCIENCES

Exploring Foods
Gourmet Cuisine
Culinary Essentials
Child Development
Early Childhood Education 1
Early Childhood Education 2
FACS Intern

WORLD LANGUAGES

French
Latin
Spanish
German

HISTORY & SOCIAL SCIENCES

Practical Law
Sociology
Psychology
Comparative Religions
IB Theory of Knowledge 1
IB Theory of Knowledge 2

MARKETING & COMPUTER SCIENCE

Intro to Marketing
Marketing
Co-op
Advanced Marketing
Adv Co-op
Computer Programming 1
Computer Programming 2

PERFORMING ARTS

Concert Choir
Women's Choir
Men's Choir
Chorale
Salem Singers
Marching Band
Concert Band
Symphonic Band
Jazz Band
Percussion
IB Music Technology 1 & 2
Drama 1, 2, 3, 4
IB Theatre

PHYSICAL EDUCATION

Rhythmic Movements
Fit for Life
Team Sports
Recreational Activities
Weight Training
Weight Training NC
Athletic Training

TECHNOLOGY EDUCATION

Basic Technical Drawing
Engineering Drawing
Architectural Drawing
Photography 1
Intro to Architecture

TRADES & INDUSTRIAL EDUCATION

Introduction to Automotive Mechanics
Welding Exploratory
Welding 1, 2, 3
Auto Body 1, 2, 3
Auto Service 1, 2, 3

Any academic course can be an elective