



# SPARTANBURG

## HIGH SCHOOL

# Curriculum Guide

## 2022-2023



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# SPARTANBURG HIGH SCHOOL ACADEMIC CHECKLIST

The faculty and staff of Spartanburg High School believe that your academic coursework is yours and our primary responsibility. We have devised the following checklist to help you form good study habits. In order to score high academically, you must:

1. Do your assignments.
2. Your teachers have carefully devised a learning program. By not doing assignments and homework or doing them hurriedly, you make the time spent in class less valuable. You also lower your homework and test grades.
3. Go to class.
4. You must attend all of your classes. By attending classes, you show that you want to pass the course and that will work in your favor if you need help with the difficult parts. We can prove that students who are regular in attendance have higher grades.
5. Participate in class.
6. Ask questions and express opinions. If you misunderstand something during class, you'll get it wrong on the test. By speaking up, you give your teacher a chance to correct anything you don't understand. Don't be embarrassed to ask questions when you don't understand.
7. If you have a problem, ask for help immediately.
8. If you'd rather not talk in class, see your teacher after class. Ask him/her to clear up anything he/she said during class that confused you; or if you foresee problems completing an assignment, ask for advice. If you can't talk to the teacher after class, arrange an appointment. The school counselors and your parents can also provide assistance with difficult situations.
9. Study every night.
10. Even when you have no assignments to do, you should review. Studies have shown that reviewing material just before you sleep helps you remember it the next day. If you spend 10-15 minutes on each subject every morning, you'll never have to "cram" before a test.
11. Read.
12. Most reading assignments prepare you for the next class session. If you haven't done the reading, you probably won't have a clue as to what the teacher is talking about in your next class.
13. Find out about tutors.
14. Tutors can help you find better ways to do your work. A tutor may be able to show you a concept in a way your teacher cannot. Since tutors work one-on-one, they often explain things to you in your own terms.
15. Don't be ashamed of failure.
16. Failing a course or a test just means that you didn't "get it" the first time. As in sports, some people take longer than others to learn certain skills, but people who spend more time learning a skill often are better able to use it than those who learn quickly. Remember Einstein, Edison and many other "geniuses" were "failures" in school.
17. Keep your notebook organized.
18. Keeping organized materials also enhances your chances of being successful in all classes.
19. Write down assignments.
20. Keep your student handbook, a notebook, or use a small pad to write down your assignments as you receive them.
21. Take time out.
22. If every minute of your life is allocated to study, school or practice, you will burn out. Stress prevents learning. If you find yourself reading a paragraph over and over but can't understand it, take a break. Call a friend, listen to music, or take a walk. You will come back to your studying relaxed and ready to learn.

# TIPS FOR PARENTS

- A. **Try to keep your cool. Say what you mean and mean what you say.** Remember, "anger and good sense don't go together." Remind yourself that your teenager is just that a teenager - and that his bad behavior is the result of what he has learned and his own developmental limitations. Usually, when parents act out of anger, they overreact and later feel guilty. What happens later? You guessed it. They feel guilty and they give in. This leads us to the next suggestion.
- B. **Be consistent. Don't ignore bad behavior one day and discipline it the next.** This is called the punishment guessing game. Not only is it ineffective, it sets the stage for an argument/power struggle between you and the teenager. Remember, teenagers need discipline- if it's consistent. If it's not consistent, it's only punishment and punishment doesn't accomplish what you want. One of the most important services you can provide your child is letting him know where he stands. Within those limits he can then make choices.
- C. **Setting limits is the next step.** In order to be consistent, you have to know exactly what you will consistently enforce. **So rules must be established.** But don't do this arbitrarily. Really think about the problem areas in which your child is having the most trouble. Are his biggest problems not listening to you, not going to bed without whining, hitting his younger sister, etc.? Figure out where you most need rules and develop them. Only develop a few. Maximum 4 or 5. It's especially important that you begin with a few specific rules that you can enforce and with which your children can experience success. Remember be consistent!
- D. And while we're on the topic of success, let's not forget it. **Let your teenagers know when they behave and when they do something good that deserves comment.** As parents, we're too often quick to criticize and neglect those behaviors we should praise. By the way, when you do criticize your child's behavior, be careful to criticize the behavior and not the child. This may sound confusing; but it's not. Instead of saying, "you are bad," say, "you hit your brother, that behavior is against our rules." This is a subtle but an important point. Remember: we can't raise positive people with only negative feedback!
- E. **Teach Choices, not Excuses. Ask questions that emphasize the teenager's role in choosing the behavior.** For example, I encourage teachers to ask a child if his behavior is against our rules for the classroom. Also, when talking to your child, make comments like "When you choose not to listen to Dad, what usually happens?" Don't expect overnight success with this one. Teaching choices is how we teach responsibility. It takes time, creativity, energy, and saying "NO" to excuse making.
- F. **Know, in advance, what you will do if your child breaks your rules-don't wait until a problem occurs to decide.** If you do, you'll be inconsistent which is a "NO-NO" as we discussed in Step B. Above all, make your consequences for misbehavior reasonable. Hitting children every time they misbehave is not the answer. If you think it is, then you've already succeeded in teaching your child an unfortunate lesson: "If you're bad enough, you may get hit by Mom or Dad- but it doesn't always happen and usually the risk is worth it. Besides, Mom really gets upset when she hurts you and sometimes you get what you want after she feels guilty. Or you child may develop the following attitude: "I don't care. They are not fair to me so I won't be fair to them."- And on... and on.
- G. **Don't demand perfection from yourself or your teenager.** Our world is such that no one is ever perfect- especially parents and children. If you demand perfection from yourself, your expectations are unreasonable and you're going to feel like a failure before too long. When you feel like a failure, you're more likely to revert to the old ways in which you were teaching your children to drive you crazy in the first place.
- H. **Discipline yourself.** Recognize that being a parent is hard work and will be for a long time. Accordingly, **take the time and effort to monitor and observe your own behavior. Remember, children learn little from what we tell them -much more from what we do.** In particular, be aware of your tendency to become too emotional and "blow your stack", to make excuses to blame others or the world instead of examining your role in the situation, and to feel frustrated and give up. All parents feel this way at times- but effective parents don't give in- they give what it takes to make things work.

# A PLANNING LIST FOR PARENTS

It may seem early to start thinking about getting your child ready for college, but it really isn't - important groundwork should take place in ninth and tenth grade. Here's a list to help you make sure your child is on the right track.

## GUIDANCE ACTIVITIES RECOMMENDED FOR FRESHMEN

- Review and update your IGP from the 8<sup>th</sup> grade (make your appointment with your counselor online on our school website <http://shs.spartanburg7.org> – and/or develop an IGP- Have your IGP meeting completed prior to course registration in the spring.
- Plan courses for 10<sup>th</sup> grade to ensure meeting promotion/graduation requirements. **Review course credits already earned.**
- Know your Promotion Requirements (**you must pass your math and English! -5 units total including math and English are needed to promote to be a Sophomore**) and Graduation Requirements (on time graduation is a must for all!) - There are Summer School and Credit Recovery options for failure situations – see your counselor immediately if you have questions!
- Take advantage of free **PSAT/SAT/ACT prep** (there are multiple sources of free help -College Board, Khan Academy, Schmoop, Kaplan, SCTestPrep, etc.-see your counselor for details)
- Attend the **Spartanburg County College Fair –in the fall** - over 100 college admissions reps will be there! It's never too early to attend!
- Investigate future opportunities at Daniel Morgan Technology Center as well as dual credit/Early College opportunities.
- **Set up an account at Cappex.com, a helpful personalized college and scholarship search program.** Begin exploring college choices (visit colleges, visit with reps who come here during lunch, do internet searches,
- **Follow the weekly newsletter that is emailed to students and parents on your MacBook.**
- Attend the NACAC (National Association for College Admission) College Fair in the Spring

## GUIDANCE ACTIVITIES RECOMMENDED FOR SOPHOMORES

- Review and update IGP in Jan/Feb/early March (make your appointment with your counselor online on our school website <http://shs.spartanburg7.org>) – and/or develop an IGP- Have your IGP meeting completed prior to course registration in the spring.
- Plan courses for grades 11-12 to ensure meeting graduation/promotion requirements. **Review course credits earned.**
- Take the **Preliminary Scholastic Aptitude Test (PSAT) – normally in October** – no cost & sophomores will register through English classes; required of Honors & ODYSSEY sophomores
- Take advantage of free **PSAT/SAT/ACT prep** (there are multiple sources of free help -College Board, Khan Academy, Schmoop, Kaplan, SCTestPrep, etc.-see your counselor for details)
- Attend the **Spartanburg County College Fair – Spartanburg Memorial Auditorium – in the fall** - over 100 college admissions reps will be there!
- **Set up an account at Cappex.com, a helpful personalized college and scholarship search program.**
- Pursue one of the summer opportunities promoted by the Guidance Department, such as: various leadership seminars (Hugh O'Brian Leadership Seminar, SC Business Week, Junior Leadership Spartanburg, etc.) and college summer programs – **follow the weekly newsletter on your MacBook that is emailed to students and parents where we advertise all such opportunities**
- Investigate opportunities at Daniel Morgan Technology Center as well as dual credit/Early College opportunities
- Meet with Mrs. Addie Jones, Career Specialist, to further explore future career interests/internships – use your SCOIS account and update your STEM Premier account/profile
- Attend the NACAC (National Association for College Admission) College Fair in the Spring

## GUIDANCE ACTIVITIES RECOMMENDED FOR JUNIORS

- Review and update IGP in Jan/Feb/early March. Make your appointment with your counselor online on our school website <http://shs.spartanburg7.org> - -- Learn how to become **College and Career Ready**. Have your IGP meeting completed prior to course registration in the spring.
- Meet during the spring to further narrow college choices, set career goals, begin scholarship searches, plan for technical or military training, etc. Visit SCCANGO.org and colleges' websites
- Review course credits earned toward meeting graduation/promotion requirements and plan courses for senior year
- Review GPA and class rank
- Take the Preliminary Scholastic Aptitude Test (PSAT) – in October – all AP/Honors juniors will be required to take the PSAT- others may register through English classes - no cost
- Begin taking the SAT and/or ACT during the middle (Dec. or Jan.) and/or at the end of the junior year (May or June)
- Attend the Scholarship Workshop in the fall
- Attend the Spartanburg County College Fair in the fall - over 100 college admissions reps will be there!
- Attend the FAFSA Workshop in the fall
- Visit with two- and four-year college representatives and military recruiters during their SHS lunch visits
- Plan visits to colleges during the junior year - include tours and interviews – see college websites for visitation/interview information
- Take advantage of free PSAT/SAT/ACT prep (there are multiple sources of free help -College Board, Khan Academy, Schmoop, Kaplan, SCTestPrep, etc.-see your counselor for details)
- Current plans (subject to change) are for juniors to take the ACT or SAT and WIN again this school year in the spring. More information will be forthcoming later in the year.
- Meet with your counselor to decide which tests you may need to take in the future (SAT, ACT, ACCUPLACER, etc.). See if the colleges in which you are interested may require SAT Subject tests – see college websites for admission information
- Review high school course requirements for colleges in which you are interested – see college websites for admission information
- Set up an account at Cappex.com, a helpful personalized college and scholarship search program.
- Explore sources of financial aid and scholarships (including college websites, SHS website/weekly newsletter to SHS parents and students, computer/Internet scholarship searches such as Fastweb.com.)
- Prospective college athletes are reminded to complete & submit the NCAA Initial Eligibility form (registration fee applies), available online [www.eligibilitycenter.org](http://www.eligibilitycenter.org). **An official high school transcript is required**
- Pursue special programs and summer opportunities promoted by the Guidance Department, such as: Leadership seminars, United Way Youth Philanthropy Board, SC Business Week, Palmetto Boys/Girls State, BMW/USC Upstate Manufacturing Camp & college summer school programs
- Investigate opportunities at Daniel Morgan Technology Center as well as dual credit/Early College opportunities
- Meet with Mrs. Addie Jones, Career Specialist, to continue exploring career interests and job shadowing opportunities –use your SCOIS account and update your STEM Premier account/profile!
- Attend the NACAC (National Association for College Admission) College Fair in the Spring

## GUIDANCE ACTIVITIES RECOMMENDED FOR SENIORS

plan. Carefully review your Graduation Progress Report to determine what remaining credit is required for graduation/ college admission (NOTE: It is the student's responsibility to monitor his/her own progress toward meeting graduation/admission requirements.) See college websites and SCCANGO.org for admission, scholarship/ financial aid and other important and helpful information

- Set up an account at Cappex.com, a helpful personalized college and scholarship search program.
  - Prepare a resumé you may use for college and scholarship applications
  - Ask a counselor to assist with post-high school planning, to include the world of work, military or post-secondary schools (NOTE: College handbooks, computerized college/career information, etc. are available in the Guidance department. See college websites for admission information and deadlines.)
  - Meet with Mrs. Addie Jones (our Career Specialist) to further narrow your future career interests and/or prospective college major. You may request career interest inventories from Mrs. Jones, as well as information on job shadowing/ internship opportunities. Use your SCOIS account and update your STEM Premier account/profile!
  - Take the required college entrance test(s), to include the SAT and/or ACT and, if required, the SAT Subject Tests. (NOTE: Some colleges/ universities prefer at least one senior year SAT/ACT Score. See college websites for admission information. Take ACCUPLACER for 2-yr technical colleges and ASVAB for the military.)
  - Take advantage of free SAT/ACT prep (there are multiple sources of free help -College Board, Khan Academy, Schmoop, Kaplan, SCTestPrep, etc.-see your counselor for details)
  - Explore sources of financial aid and scholarships. See college websites for their particular scholarship programs.
  - Do a personal internet scholarship search online (e.g. fastweb.com, collegeboard.com) and by using scholarship resource books available in Guidance.
  - Follow the weekly newsletter on your MacBook for scholarship opportunities! Don't miss out!
  - Attend the Senior Parent College Planning Meeting & Scholarship Workshop – in the fall
- tion information/materials and possibly some application fee waivers - in the fall
- Attend the FAFSA Workshop – in the fall – No senior/senior parent should miss this great opportunity to learn how to fill out the FAFSA line by line!!
  - Participate in College Application Day – in the fall – SHS Media Center
  - Review the periodic listing of college representative visits. Representatives from various colleges/universities will visit SHS, primarily during the lunch periods, throughout the school year.
  - Complete all college/university application forms, as well as their appropriate financial aid forms, and scholarship/other applications in a timely manner with the assistance of a counselor, if needed. \*See college websites for required admission, scholarship & other forms. See your counselor regarding use of the Common Application. Visit commonapp.org - 1 application for nearly 700 colleges
  - NOTE: Counselors and teachers require a minimum 2-week notice for letters of recommendation, completion of school forms, transcript requests, etc. Deadlines for applications are strictly adhered to - don't miss out on golden opportunities!
  - PALMETTO FELLOWS SCHOLARSHIP- see your counselor for requirements for this highly competitive SC scholarship – qualification for future classes will be revised by the state legislature
  - LIFE SCHOLARSHIP – Eligibility- meet two of the following three criteria: 3.0 GPR/1100 SAT (ERW + M) or 24 ACT/Rank in the top 30% of the graduating class (*be advised that the state legislature is working on revised guidelines for the future*)
  - HOPE SCHOLARSHIP – Graduate with at least a 3.0 GPA (*be advised that the state legislature is working on revised guidelines for the future*)
  - Check your SHS email regularly for updates on programs and scholarships.
  - Attend the NACAC (National Association for College Admission) College Fair in the Spring



# SEALS OF DISTINCTION

Students enrolled in South Carolina high schools shall have the opportunity to earn graduation Seals of Distinction within each high school diploma pathway that identifies a particular area of focus, beginning with students entering the ninth grade during 2018–19 school year. **Students are not required to earn a Seal of Distinction in order to receive a diploma.**



## DIPLOMA PATHWAYS SEALS OF DISTINCTION OVERVIEW

Students shall meet all requirements for earning a South Carolina high school diploma to be eligible to earn any Seal of Distinction.

One or more Seals may be earned, but are not required for graduation.

Consult District or School Curriculum Guides for more information regarding curriculum choices and requirements.

Honors Seal of Distinction	College-Ready Seal of Distinction	Career Seal of Distinction	Specialization Seal of Distinction
<b>UGP GPA 3.5 or higher</b>	<b>UGP GPA 3.0 or higher</b> or <b>ACT 20 or higher</b> or <b>SAT 1020 or higher</b>  <b>Tests may be superscored</b>	<b>UGP GPA 2.5 or higher</b>	<b>UGP GPA 3.0 or higher</b>
<p><b>English</b> - 4 credits 2 at honors or higher level</p> <p><b>Math</b> - Algebra 1, Algebra 2, Geometry, and a 4th higher level math requiring Algebra 2 as a prerequisite 3 at honors or higher level</p> <p><b>Lab Science</b> - 3 credits 2 at honors or higher level</p> <p><b>Social Studies</b> - 3 credits 2 at the honors or higher level</p> <p><b>World Languages</b> - 2 credits of the same language for students entering 9th grade in 2018–2019 3 credits of the same language for students entering 9th grade in 2019–2020 and beyond</p> <p><b>Advanced Coursework</b> - 4 additional credits of honors or higher completed during the Junior/Senior years (the last 2 years prior to graduation)</p>	<p><b>English</b> - 4 credits</p> <p><b>Math</b> - Algebra 1 (or the equivalent of Algebra 1), Algebra 2, Geometry, and a 4th Higher Level Math</p> <p><b>Lab Science</b> - 3 credits</p> <p><b>Social Studies</b> - 3 credits</p> <p><b>World Language</b> - 2 credits In the same language</p> <p><b>Fine Arts</b> - 1 credit</p>	<p><b>English</b> - 4 credits</p> <p><b>Math</b> - 4 credits</p> <p><b>Science</b> - 3 credits</p> <p><b>Social Studies</b> - 3 credits</p> <p><b>and one of the following:</b></p> <p>Education and Economic Development Act (EEDA) major <b>OR</b> Career and Technical Education (CTE) Completer</p> <p><b>and one of the following:</b></p> <p>One industry recognized credential <b>OR</b> Silver or higher on WIN <b>OR</b> Completion of Career Ready Work-Based Learning (WBL) placement</p>	<p><b>(complete one area to qualify)</b></p> <p><b>STEM</b> - 4 credits beyond required courses in math, science, technology, and engineering; at least 2 at honors level or higher; may be in 1 area of STEM or across 4 areas</p> <p><b>World Language</b> - 4 credits in the same language <b>OR</b> minimum ACTFL Exam score of “Intermediate Low” (or an equated score on STAMP or ASL assessment) <b>OR</b> AP exam score of 3 or higher <b>OR</b> IB exam score of 4 or higher before the senior year; <b>English Learners</b> – all criteria above and Level 5 composite ACCESS test score</p> <p><b>Military</b> - 4 credits in JROTC and an ASVAB score of 31 or higher</p> <p><b>Arts</b> - 4 credits in single or multiple areas of the Arts; 2 or more at honors or higher level and *mastery on external exam or performance task. *waived for Class of 2022</p>

Updated August 20, 2021

## Employability Credential

As part of the revisions to S.C. Code Ann. Section § 59-39-100, the General Assembly created an employability credential for applicable students with Individualized Education Programs (IEPs). This credential is not part of a course of study leading to a high school diploma. As such, all applicable requirements for this high school option are found in separate regulations, policies and procedures. For more information regarding the Employability Credential please visit SCCredentia.org.

# SCOIS.NET

SCOIS is an online career guidance and curriculum guide that is available for teachers, parents, and students 24 hours a day, 7 days a week.

How to Login

1. Go to [www.scois.net](http://www.scois.net)
2. Click on the SCOIS internet system
3. Click on SCOIS.net
4. Enter the following information go log-in:

USERNAME: \_\_\_\_\_

PASSWORD: \_\_\_\_\_

SITE ID: \_\_\_\_\_ (This number is used by each student)

Within the program, there are several centers for students. Each center serves a unique purpose, featuring the following functions:

## **Exploration Center**

- *Assess your career interests and explore information pertaining to occupations and college.*
- **Self-Assessment Survey:** Take a survey to find top 20 occupations matching your interests.
- **Search for Occupations:** Enter your career preferences related to desired salary range, education level, career cluster, and other criteria to find matching occupations.
- **Search for Colleges and Universities:** Enter your school preferences relating to geographic location, enrollment, majors, cost, and other criteria to find matching 2-year and 4-year institutions. Read college profiles that contain information on majors, athletics, admissions requirements, tuition costs, e-mail colleges, etc.
- **Identify Military Occupations:** Select a career cluster, service branch, or military rank to find military occupations. Find related civilian jobs.
- **Watch Career Video Clips:** Choose from over 230 occupational videos in English and 170 in Spanish that allow actual on-the-job footage to help you get an idea of job duties.

## **Planning Center**

- *Manage your electronic portfolio related to colleges, careers, and other relevant topics in your life.*
- **Generate a Resume:** Learn tips on how to make your resume get an employer's attention
- **Complete a Checklist:** Plan your future education
- **"Electronic Locker":** You can save any link, article, assessment, or profile that you browse

## **Resource Center**

- *Search for web resources related to colleges, careers, and other relevant topics in your life.*
- **Get Information on New or Unusual Occupations**
- **Search for Web-Related Resources** for colleges, financial aid, careers, etc.

# NCAA ELIGIBILITY REQUIREMENTS

(source: [www.ncaa.org/student-athlete/play-division-i-sports](http://www.ncaa.org/student-athlete/play-division-i-sports))

Use this link for the 2021-22 Guide for the College Bound Student-Athlete  
[http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/CBSA.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/CBSA.pdf)



## DIVISION I ACADEMIC REQUIREMENTS

### CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

### FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division I school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

### ACADEMIC REDSHIRT

All Division I academic redshirts may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division I school, but may NOT compete.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.
- Submit proof of graduation to the Eligibility Center.

### INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division II, view the [Division II academic requirements flyer](#).



## TEST SCORES

If a student-athlete plans to attend an NCAA Division I college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division I full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](https://on.ncaa.com/COVID19_Fall2022).

An SAT combined score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

## CORE-COURSE LIST

Student-athletes should check to see if their high school has a list of **NCAA-approved core courses**. No core-course list means courses taken from that high school will not count toward NCAA eligibility.

## ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/ blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's list of **NCAA-approved core courses**.

## BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the **NCAA Eligibility Center** during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

Want more information? Visit [ncaa.org/playcollegesports](https://ncaa.org/playcollegesports).

Follow us: [@ncaaec](https://twitter.com/ncaaec) [@playcollegesports](https://www.instagram.com/playcollegesports) [@ncaaec](https://www.facebook.com/ncaaec)

DIVISION I FULL QUALIFIER SLIDING SCALE					
Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.550	400	37	2.750	810	59
3.525	410	38	2.725	820	60
3.500	430	39	2.700	830	61
3.475	440	40	2.675	840	61
3.450	460	41	2.650	850	62
3.425	470	41	2.625	860	63
3.400	490	42	2.600	860	64
3.375	500	42	2.575	870	65
3.350	520	43	2.550	880	66
3.325	530	44	2.525	890	67
3.300	550	44	2.500	900	68
3.275	560	45	2.475	910	69
3.250	580	46	2.450	920	70
3.225	590	46	2.425	930	70
3.200	600	47	2.400	940	71
3.175	620	47	2.375	950	72
3.150	630	48	2.350	960	73
3.125	650	49	2.325	970	74
3.100	660	49	2.300	980	75
3.075	680	50	2.299	990	76
3.050	690	50	2.275	990	76
3.025	710	51	2.250	1000	77
3.000	720	52	2.225	1010	78
2.975	730	52	2.200	1020	79
2.950	740	53	2.175	1030	80
2.925	750	53	2.150	1040	81
2.900	750	54	2.125	1050	82
2.875	760	55	2.100	1060	83
2.850	770	56	2.075	1070	84
2.825	780	56	2.050	1080	85
2.800	790	57	2.025	1090	86
2.775	800	58	2.000	1100	86

\*Full sliding scale research between the new SAT and ACT is ongoing.

ACADEMIC REDSHIRT



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# DIVISION II ACADEMIC REQUIREMENTS

## CORE-COURSE REQUIREMENTS

Complete 16 core courses in the following areas:

<b>ENGLISH</b>	<b>MATH</b> (Algebra I or higher)	<b>NATURAL/ PHYSICAL SCIENCE</b> (Including one year of lab, if offered)	<b>ADDITIONAL</b> (English, math or natural/physical science)	<b>SOCIAL SCIENCE</b>	<b>ADDITIONAL COURSES</b> (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 years	2 years	4 years

## FULL QUALIFIER

College-bound student-athletes enrolling at an NCAA Division II school need to meet these academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

- Complete 16 core courses in the appropriate areas.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.
- Submit proof of graduation to the Eligibility Center.

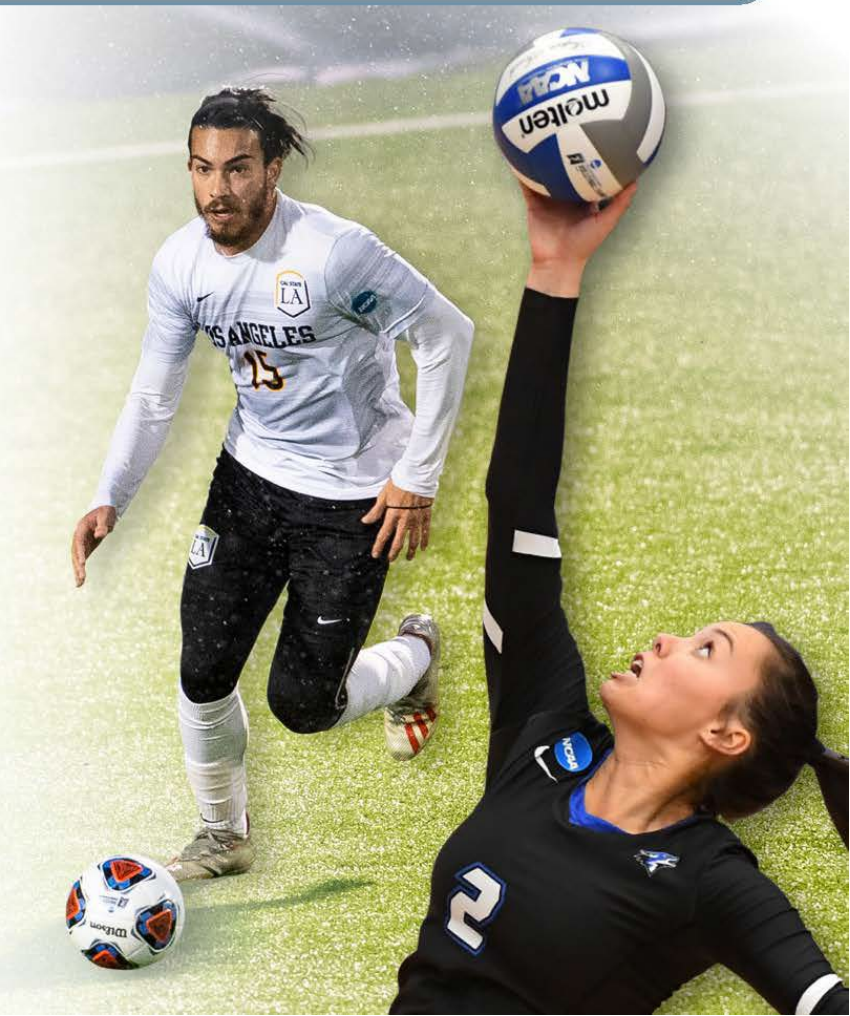
## PARTIAL QUALIFIER

College-bound student-athletes that do not meet Division II full qualifier standards will be deemed a partial qualifier. All Division II partial qualifiers may receive an athletics scholarship and practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

## INTERNATIONAL STUDENTS

Please review the [international initial-eligibility flyer](#) for information and academic requirements specific to international student-athletes.

For information on Division I, view the [Division I academic requirements flyer](#).



## TEST SCORES

If a student-athlete plans to attend an NCAA Division II college or university, they should use the sliding scale to review the core-course GPA and SAT/ACT score they will need to meet Division II full qualifier standards. When registering for the SAT or ACT, students should use code **9999** to ensure their test scores are sent directly to their Eligibility Center account. More information regarding the impact of COVID-19 and test scores can be found at [on.ncaa.com/COVID19\\_Fall2022](https://on.ncaa.com/COVID19_Fall2022).

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. Students may take the SAT or ACT an unlimited number of times before they enroll full time in college. If a student takes either test more than once, the best subscores from each test are used for their academic certification process.

## CORE-COURSE LIST

Student-athletes should check to see if their high school has a [list of NCAA-approved core courses](#). No core-course list means courses taken from that high school will not count toward NCAA eligibility.

## ONLINE COURSES/ NONTRADITIONAL

Nontraditional courses are classes taught online or through distance learning, hybrid/blended, independent study, individualized instruction, correspondence or similar means.

These types of courses may be acceptable for use in the NCAA initial-eligibility certification process; however, it is important to make sure the nontraditional program has been approved and appears on the high school's [list of NCAA-approved core courses](#).

## BE AHEAD OF THE GAME

If student-athletes want to get ahead of the game, they need to register with the [NCAA Eligibility Center](#) during their freshman/9th year.

After college-bound student-athletes complete their sophomore, junior and senior years, it is important for them to ask their counselor at each high school or program they attended to upload their official transcript to their Eligibility Center account.

For more information on Division II, visit [ncaa.org/D2](https://ncaa.org/D2).

**Want more information? Visit**  
[ncaa.org/playcollegesports](https://ncaa.org/playcollegesports).

Follow us: [@ncaaec](#) [@playcollegesports](#) [@ncaaec](#)

## DIVISION II FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*	Core GPA	SAT*	ACT Sum*
3.900 & above	400	37	2.725	730	52
3.275	410	38	2.700	740	53
3.250	430	39	2.675	750	53
3.225	440	40	2.650	750	54
3.200	460	41	2.625	760	55
3.175	470	41	2.600	770	56
3.150	490	42	2.575	780	56
3.125	500	42	2.550	790	57
3.100	520	43	2.525	800	58
3.075	530	44	2.500	810	59
3.050	550	44	2.475	820	60
3.025	560	45	2.450	830	61
3.000	580	46	2.425	840	61
2.975	590	46	2.400	850	62
2.950	600	47	2.375	860	63
2.925	620	47	2.350	860	64
2.900	630	48	2.325	870	65
2.875	650	49	2.300	880	66
2.850	660	49	2.275	890	67
2.825	680	50	2.250	900	68
2.800	690	50	2.225	910	69
2.775	710	51	2.200	920	70 & above
2.750	720	52			

\*Full sliding scale research between the SAT and ACT is ongoing.



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# CAREER CLUSTER

## WHAT ARE CAREER CLUSTERS?

The current definition of a career cluster consists of a grouping of occupations and broad industries based on commonalities. Career Clusters organize occupations and industries into 16 groups, or clusters, according to related skills and knowledge needed. The career clusters curriculum is designed to increase students' exposure to career information and opportunities through the creation of [electronic Individual Graduation Plans \(eIGPs\)](#).

South Carolina recognizes 15 career clusters ranging from Agriculture, Food & Natural Resources to Transportation, Distribution & Logistics. Learn more about a specific career cluster by using the drop down menu above or by downloading our [Career Clusters Descriptions](#).

<http://recs.sc.gov/careerclusters/Pages/default.aspx>

## WHAT IS THE PURPOSE OF A CAREER CLUSTER?

Career clusters connect what students learn in school with the knowledge and skills they need for success in college and careers. Each career cluster identifies different pathways from secondary school to two- and four-year colleges, graduate school, and the workplace.

## WHY IS A CAREER CLUSTER IMPORTANT?

Younger students can concentrate on the general skills needed in all **Career Clusters** (see below), while older students and job seekers ready to enter college or the workforce can train in the technical skills and **career** knowledge needed for Pathways within a specific **Career Cluster**.

<https://www.careertech.org/career-clusters>

**Note that students are never locked into specific clusters or majors. They can change as students' interests change.**

**Although it is recommended, a major is not required for graduation.**

# SC CAREER CLUSTERS AND THEIR PATHWAYS

<p><b>Agriculture, Food &amp; Natural Resources</b>  Horticulture  Environmental &amp; Natural Resource Systems Management  Plant and Animal Systems  Agricultural Mechanics and Technology  Bio-Systems Engineering Technology</p>	<p><b>Education &amp; Training</b>  Administration &amp; Administrative Support  Professional Support Services  Teaching/ Training</p>	<p><b>Hospitality &amp; Tourism</b>  Lodging  Recreation, Amusements &amp; Attractions  Restaurants &amp; Food/ Beverage Services  Travel &amp; Tourism</p>	<p><b>Manufacturing</b>  Production  Maintenance, Installation, &amp; Repair</p>
<p><b>Architecture &amp; Construction</b>  Construction  Design/ Pre-Construction  Maintenance/ Operations</p>	<p><b>Finance</b>  Accounting  Banking Services  Business Finance  Insurance  Securities &amp; Investments</p>	<p><b>Human Services</b>  Consumer Services  Counseling &amp; Mental Health Services  Early Childhood Development &amp; Services  Family &amp; Community Services  Personal Care Services</p>	<p><b>Marketing</b>  Marketing Communications  Marketing Management  Marketing Research  Merchandising  Professional Sales</p>
<p><b>Arts, A/V Technology, &amp; Communications</b>  A/V Technology &amp; Film  Journalism &amp; Broadcasting  Performing Arts  Printing Technology  Telecommunications  Visual Arts</p>	<p><b>Government &amp; Public Administration</b> (currently not a recognized SC Cluster)  Foreign Service  Governance  National Security  Planning  Public Management &amp; Administration  Regulation  Revenue &amp; Taxation</p>	<p><b>Information Technology</b>  Information Support &amp; Services  Network Systems  Programming &amp; Software Development  Web &amp; Digital Communications</p>	<p><b>Science, Technology, Engineering &amp; Mathematics</b>  Engineering &amp; Technology  Science &amp; Mathematics</p>
<p><b>Business Management &amp; Administration</b>  Administrative Support  Business Information Management  General Management  Human Resources Management  Operations Management</p>	<p><b>Health Sciences</b>  Biotechnology Research &amp; Development  Diagnostic Services  Health Informatics  Support Services  Therapeutic Services</p>	<p><b>Law, Public Safety, Corrections &amp; Security</b>  Emergency &amp; Fire Management Services  Law Enforcement Services</p>	<p><b>Transportation, Distribution &amp; Logistics</b>  Facility &amp; Mobile Equipment Maintenance  Health, Safety &amp; Environmental Management  Logistics Planning &amp; Management Services  Sales &amp; Service  Transportation Operations  Transportation Systems/ Infrastructure Planning, Management &amp; Regulation  Warehousing &amp; Distribution Center Operations</p>



# S.C. CAREER CLUSTERS

Every student must select a career cluster at the end of grade 8 to guide his/her education planning for the high school years. The cluster selection and the student's Individual Graduation Plan (IGP) are reviewed each year and changes made as appropriate. At the end of grade 10, each student must select a career major within his/her selected cluster. This selection will guide the updating of the student's IGP.

Listed below in bold are the South Carolina career clusters that will be currently offered at Spartanburg High School. Templates showing the elective courses that are required and recommended for each major are updated each spring. They should be consulted when developing and/or updating the IGP.

## **Architecture & Construction**

Architecture  
Building & Residential Construction  
Electricity

## **Arts, A/V Technology, Communications & Liberal Arts**

Art and Design  
Communication Technologies  
Design for Construction  
Fine Arts  
Humanities  
Journalism & Mass Media  
Liberal Arts  
World Languages

## **Business, Management & Administration**

Business Information Management  
General Management  
Operations Management

## **Education & Training**

Teacher Education

## **Finance**

Accounting

## **Government & Public Administration**

Public Service

## **Health Science**

Health Science

## **Hospitality & Tourism**

Culinary Arts/Restaurant Management

## **Human Services**

Child Care  
Cosmetology  
Helping Professions

## **Information Technology**

Web & Digital Communication

## **Law, Public Safety & Security**

Criminal Justice  
Legal Services  
Military Service  
Pre-Law  
Protective Services

## **Manufacturing**

Precision Metalworking  
Welding

## **Marketing, Sales & Service**

Marketing

## **Science, Technology, Engineering & Mathematics**

Mathematics  
Pre-Engineering  
Science

## **Transportation, Distribution & Logistics**

Automotive Technology



**Viking Majors  
offer an AP  
concentration**

## SHS SCHOOL OF ARTS AND COMMUNICATION

**Cluster:** Arts, Audio-Video Technology, and Communications

**Viking Majors:**

- Communication Technologies
- Design
- Fine Arts
- Humanities
- Journalism and Mass Media
- Liberal Arts
- World Languages

## SHS SCHOOL OF BUSINESS, MANAGEMENT AND ADMINISTRATION

**Cluster:** Business, Management, and Administration

**Viking Majors:**

- Business Information Management
- General Management
- Operations Management

**Cluster:** Finance

**Viking Majors:**

- Accounting

**Cluster:** Hospitality and Tourism

**Viking Major:**

- Culinary Arts/Restaurant Management

**Cluster:** Information Technology

**Viking Majors:**

- Web & Digital Communication
- Networking Operations & Security

**Cluster:** Marketing, Sales, and Service

**Viking Major:**

- Marketing

## SHS SCHOOL OF HEALTH AND HUMAN SERVICES

**Cluster:** Education and Training

**Viking Major:**

- Teacher Education

**Cluster:** Health Science

**Viking Major:**

- Health Science

**Cluster:** Human Services

**Viking Major:**

- Child Care
- Helping Professions
- Cosmetology

## SHS SCHOOL OF MATH, SCIENCE, ENGINEERING, AND MANUFACTURING

**Cluster:** Architecture and Construction

**Viking Majors:**

- Architecture
- Building and Residential Construction
- Electricity

**Cluster:** Manufacturing

**Viking Majors:**

- Precision Metalworking
- Welding

**Cluster:** Science, Technology, Engineering, and Mathematics

**Viking Majors:**

- Mathematics
- Pre-Engineering
- Science

**Cluster:** Transportation, Distribution, and Logistics

**Viking Major:**

- Automotive Technology

## SHS SCHOOL OF PUBLIC SERVICE

**Cluster:** Government and Public Administration

**Viking Major:**

- Public Service

**Cluster:** Law, Public Safety, Corrections, and Security

**Viking Majors:**

- Criminal Justice
- Legal Services
- Military Services
- Pre-Law
- Protective Services

## VIKING MAJOR: GENERAL MANAGEMENT

<b>SHS School of Business Management and Administration</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Op- tions related to major)</b>
	<b>Required Courses:</b> -Accounting 1 -Entrepreneurship  <b>Plus 1 credit from the fol- lowing courses:</b>  -Accounting 2 -Finance -Virtual Enterprise 1 -Workplace Communications -Social Media Marketing -Integrated Bus. Apps -Marketing (DMTC) -Marketing Mgt.(DMTC) -Business Law (DMTC) -Global Business  <b>You must complete the 3 required units of credit from this column to re- ceive a cord for this ma- jor at graduation.</b>	-Finance -Marketing (DMTC) -Intro to Business/ Marketing -Marketing Management -Professional/Leadership Development -Sports/Entertainment Marketing -Technical Writing -Modern or Classical Language	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Internship
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to college of your choice.)</b>		
<b>Cluster: Business, Management &amp; Administration</b>	<b>HIGH SCHOOL DIPLOMA</b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	-Public Relations Specialist -Facilities Manager -Meeting Planner -First Line Supervisor	-Payroll Assistant -Hotel Manager Assis- tant -Office Manager -Public Relations Manager	-Educator -Entrepreneur -Chief Executive Officer -General Manager

# VIKING MAJOR: OPERATIONS MANAGEMENT

<b>SHS School of Business Management and Administration</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>C COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Options related to major)</b>
	<b>Required Courses:</b> -Virtual Enterprise 1 -Virtual Enterprise 2  <b>Plus 1 credit from the following courses:</b>  -Accounting 1 -Entrepreneurship -Finance -Workplace Communications -Integrated Bus Apps -Marketing (DMTC) -Business Law (DMTC) -Global Business  <b>You must complete the 3 required units of credit from this column to receive a cord for this major at graduation.</b>	-Accounting 2 -Digital Publication Design -Marketing (DMTC) -Social Media Marketing -Business/Computer Math -Business/Electronic Communication -Marketing Management -Professional/Leadership Development -Global Markets -Technical Writing -Modern or Classical Language	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Internship
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to college of your choice.)</b>		
<b>Cluster: Business, Management &amp; Administration</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	-Bookkeeping Clerk -Facilities Manager -Medical Billing Clerk -Payroll Clerk	-Auditor -Accountant -Credit Manager	-Educator -Entrepreneur -CPA -General Manager -Chief Financial Officer

# VIKING MAJOR: BUSINESS INFORMATION MANAGEMENT

<b>SHS School of Business Management and Admin- istration</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Options related to major)</b>
	<b>Required Courses:</b> -Digital Publication Design -Image Editing  <b>Plus 1 credit from the fol- lowing courses:</b>  -Foundations of Animation -Web Page Design -Accounting 1 -Fundamentals of Computing -Entrepreneurship -Workplace Communications  <b>You must complete the 3 required units of credit from this column to re- ceive a cord for this major at graduation.</b>	-Entrepreneurship -Business Law -IT Fundamentals  - Marketing (DMTC) -Marketing Management -Professional/Leadership Development -Computer Programming - Computer Sci Principles -Modern or Classical Language	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Internship
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to college of your choice.)</b>		
<b>Cluster: Business, Man- agement &amp; Ad- ministration</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	- Information Processing Specialist - Web Site Maintenance Specialist - Multimedia Specialist - Desktop Publishing Specialist	- Office Manager - Web Page Developer - Web Page Designer	- Educator -Entrepreneur - Webmaster - Software Application Manager

## VIKING MAJOR: BANKING SERVICES

<b>SHS School of Finance</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Options related to ma- jor)</b>
	<p><b>Required Courses:</b> -Banking Services -Finance</p> <p><b>Plus 1 credit from the fol- lowing courses:</b></p> <ul style="list-style-type: none"> <li>-Accounting 1</li> <li>-Finance</li> <li>-Workplace Communications</li> <li>-Integrated Bus Apps</li> <li>-Business Law (DMTC)</li> <li>-Marketing (DMTC)</li> </ul> <p><b>You must complete the 3 required units of credit from this column to re- ceive a cord for this ma- jor at graduation.</b></p>	<ul style="list-style-type: none"> <li>-Entrepreneurship</li> <li>-Economics</li> <li>-Virtual Enterprise 1</li> <li>-Accounting</li> <li>-Business Law</li> <li>-Entrepreneurship</li> <li>-Marketing</li> </ul>	<ul style="list-style-type: none"> <li>-Career Mentoring</li> <li>-Shadowing</li> <li>-Internship</li> <li>-Cooperative Education</li> <li>-Senior Project</li> </ul>
	<p><b>==&gt; Professional Opportunities Upon Graduation &lt;==</b> (For additional college entrance requirements refer to college of your choice.)</p>		
<b>Cluster: Finance</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	<ul style="list-style-type: none"> <li>-Bookkeeping Clerk</li> <li>-Bank Teller</li> <li>-Medical Billing Clerk</li> <li>-Loan Processor</li> </ul>	<ul style="list-style-type: none"> <li>-Loan Officer</li> <li>-Credit Analyst</li> <li>-Mortgage</li> <li>-Credit Manager</li> </ul>	<ul style="list-style-type: none"> <li>-Educator</li> <li>-Entrepreneur</li> <li>-Bank Manager</li> <li>-Financial Officer</li> </ul>

## VIKING MAJOR: ACCOUNTING

<b>SHS School of Business Management and Administration</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Options related to major)</b>
	<b>Required Courses:</b> -Accounting 1 -Accounting 2  <b>Plus 1 credit from the following courses:</b>  -Finance -Entrepreneurship -Workplace Communications -Integrated Bus Apps -Business Law (DMTC) -Virtual Enterprise 1  <b>You must complete the 3 required units of credit from this column to receive a cord for this major at graduation.</b>	-Economics -Intro to Business and Marketing -Business Law (DMTC) -Entrepreneurship -Banking Services -Marketing (DMTC) -Securities & Investments (DMTC) -	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Project
	<b>==&gt; Professional Opportunities Upon Graduation &lt;==</b> <b>(For additional college entrance requirements refer to college of your choice.)</b>		
<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>	
-Bookkeeping Clerk -Bank Teller -Medical Billing Clerk -Payroll Clerk	-Auditor -Accountant -Financial Services Agent -Credit Manager	-Educator -Entrepreneur -CPA -Chief Financial Officer -Financial Planner	

## VIKING MAJOR: FINANCE

<b>SHS School of Business Management and Administration</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Options related to major)</b>
	<b>Required Courses:</b> -Accounting 1 -Finance  <b>Plus 1 credit from the following courses:</b> -Entrepreneurship -Workplace Communications -Banking Services -Marketing (DMTC) -Business Law (DMTC) -Integrated Bus Apps -Global Business  <b>You must complete the 3 required units of credit from this column to receive a cord for this major at graduation.</b>	-Accounting 2 -Virtual Enterprise 1 -Securities & Investments (DMTC) -Economics	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Project
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to college of your choice.)</b>		
<b>Cluster: Finance</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	-Bookkeeping Clerk -Bank Teller -Loan Processor -Payroll Clerk	-Loan Officer -Credit Analyst -Mortgage Underwriter -Financial Services Agent	-Entrepreneur -Compliance Officer -Branch Manager -Operations Manager -Internal Auditor



## VIKING MAJOR: WEB & DIGITAL COMMUNICATION

<b>SHS School of Information Technology</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Op- tions related to major)</b>
	<b>Required Courses:</b> - Web Page Design -Advanced Web Page  <b>Plus 1 credit from the fol- lowing courses:</b>  -Fundamentals of Computing -Foundations of Animation -Cyber Security -Networking Fundamentals -Computer Science Principals -Image Editing -Social Media Marketing  <b>You must complete the 3 required units of credit from this column to re- ceive a cord for this ma- jor at graduation.</b>	-Algebra 3 -Entrepreneurship -Computer Program- ming -Digital Publication Design -Discovering CS -Game Design -Java	-Career Mentoring -Shadowing -Internship -Cooperative Education -Senior Project
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to college of your choice.)</b>		
<b>Cluster: Information Tech- nology</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	-Web site maintenance specialist -Multimedia Specialist -Desktop Publishing Specialist -Web Page Developer	-Web Designer -Graphic Artist -Interactive Media Specialist	-Webmaster -3d Animator -Virtual Reality Special- ist -Graphic Designer

## VIKING MAJOR: NETWORK OPERATIONS AND SECURITY

<b>SHS School of Information Technology</b>	<b>REQUIRED COURSES FOR MAJOR (3 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>LEARNING OPPORTUNITIES (Op- tions related to major)</b>
	<p><b>Required Courses:</b> -Networking Fundamentals -Advanced Net- working</p> <p><b>Plus 1 credit from the following courses:</b></p> <ul style="list-style-type: none"> <li>-Fundamentals of Computing</li> <li>-Web Page Design</li> <li>-Cyber Security</li> <li>-Computer Science Principals</li> <li>-Entrepreneurship</li> <li>-Integrated Bus Apps</li> </ul> <p><b>You must complete the 3 required units of credit from this column to re- ceive a cord for this ma- jor at graduation.</b></p>	<ul style="list-style-type: none"> <li>-Algebra 3</li> <li>-Game Design (DMTC)</li> <li>-Computer Programming</li> <li>-Computer Sci Principles</li> <li>-Advanced Web Page</li> <li>-IT Fundamentals</li> </ul>	<ul style="list-style-type: none"> <li>-Career Mentoring</li> <li>-Shadowing</li> <li>-Internship</li> <li>-Cooperative Education</li> <li>-Senior Project</li> </ul>
	<b>==&gt; Professional Opportunities Upon Graduation &lt;== (For additional college entrance requirements refer to col- lege of your choice.)</b>		
<b>Cluster: Information Technology</b>	<b>HIGH SCHOOL DIPLOMA</b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	<ul style="list-style-type: none"> <li>-Routing Specialist</li> <li>-Networking Spe- cialist</li> <li>-Computer Help Desk</li> <li>-Electronic Sales Rep.</li> </ul>	<ul style="list-style-type: none"> <li>-Telecommunica- tions Manager</li> <li>-LAN Administrator</li> <li>-Network Techni- cian</li> </ul>	<ul style="list-style-type: none"> <li>-Telecommunica- tions Engineer</li> <li>-Network Administrator</li> <li>-Network Infor- mation Systems Engineer</li> <li>-Systems Analyst</li> </ul>

**VIKING MAJOR:  
PRE-ENGINEERING  
(PROJECT LEAD THE WAY)**

<b>SHS School of Information Technology</b>	<b>REQUIRED COURSES FOR MAJOR (4 CREDITS REQUIRED)</b>	<b>COMPLEMENTARY COURSEWORK</b>	<b>OPPORTUNITIES (Options related to major)</b>
	<p><b>Required Courses:</b> -PLTW Honors Intro to Engineering Design -PLTW Honors Principles of Engineering -PLTW Honors Computer Science Principles -PLTW Honors Environmental Sustainability</p> <p style="background-color: yellow;"><b>You must complete the 4 required units of credit from this column to receive a cord for this major at graduation.</b></p>	<ul style="list-style-type: none"> <li>-Algebra</li> <li>-Geometry</li> <li>-Algebra 2</li> <li>-Biology</li> <li>-Chemistry</li> </ul>	<ul style="list-style-type: none"> <li>-Guest speakers</li> <li>-Field Trips</li> <li>-Career Mentoring</li> <li>-Shadowing</li> <li>-Internship</li> <li>-Cooperative Education</li> <li>-Capstone Senior Project</li> <li>-Youth Entrepreneurs</li> <li>-Engineering club</li> </ul>
	<p><b>==&gt; Professional Opportunities Upon Graduation &lt;==</b> (For additional college entrance requirements refer to college of your choice.)</p>		
<b>Cluster: Information Technology</b>	<b><u>HIGH SCHOOL DIPLOMA</u></b>	<b><u>2-YEAR ASSOCIATE DEGREE</u></b>	<b><u>4-YEAR DEGREE &amp; HIGHER</u></b>
	<ul style="list-style-type: none"> <li>-Computer Help Desk</li> </ul>	<ul style="list-style-type: none"> <li>-Chemical Engineering Technician</li> <li>-Civil Engineering Technician</li> <li>-Graphic Engineering Technician</li> <li>-Mechanical Engineering Technician</li> <li>-Industrial Engineering Technician</li> </ul>	<ul style="list-style-type: none"> <li>-Architectural Engineer</li> <li>-Chemical Engineer</li> <li>-Civil Engineer</li> <li>-Industrial Engineer</li> <li>-Mechanical Engineer</li> <li>-Software Engineer</li> <li>-Architectural Engineer</li> <li>-Nuclear Engineer</li> <li>-Environmental Engineer</li> </ul>



# Architecture

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Physics Calculus Engineering Graphics Technology I Computer Science	Engineering Graphics Tech II Human Geography Drawing Sculpture	Travel abroad Internships

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Internship at Architectural firm		Architect Urban Planner



# Carpentry

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Building Construction I Building Construction II	Theatre - Costumes/makeup Technical Theatre	OSHA 10

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Carpenter Cement Mason Drywall Installer Floor and Carpet Layer	Foreman General Contractor	Lumber Supplier Commercial Construction Mgmt



# Electricity

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Electricity I Electricity II	Technical Theatre - lighting	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Entry level electrician and helper	Entry level industrial manufacturing technician positions	Entry level engineering and construction management positions



## Welding Technology

Required Core Courses for Graduation	<b>SAMPLE CORE CHOICES</b>			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math 4 units</b>	Alg I CP or Hon Hon Alg II Hon Geometry Foundations/Alg	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English 4 units</b>	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science 4 units</b>	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies 4 units</b>	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
* Courses are taken at DMTC  Welding I Welding II	*Courses are taken at DMTC sculpture	

<b>Professional Opportunities Upon Graduation</b>		
<i>For additional college entrance requirements, refer to the college of your choice.</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Fabrication Shops	Major company in nuclear, pulp and paper, aviation, and aerospace	Supervisory Welding Inspector Engineer positions



# English

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (Four Credits Required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Creative Writing African-American Lit Women's Lit Film Studies SAGA and/or Norse News Speech/Debate Desktop Publication Design	SAGA and/or Norse News Sociology Psychology Speech/Debate Foreign Languages Visual Arts Performing Arts Teacher Cadet JROTC	Shadowing Internships Mentoring Library Assistant

Professional Opportunities Upon Graduation <span style="float: right;"><i>For</i></span>		
<i>additional college entrance requirements, refer to the college of your choice.</i>		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Receptionist Library Assistant Military Service Creative Writer Blogger Song Writer	Administrative Assistant Proof Reader Reporter Technical Writer Announcer Telecommunications Sales	Educator Public Relations Media Specialist Lawyer Author / Copy Editor Journalist / News Anchor





# Graphic Communications

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language – recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Graphics & Printing I Graphics & Printing II (honors)	Marketing Advertising Image Editing Desktop Publications Design SAGA Norse News Visual Arts	work-based credit

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Bindery worker, page layout wkr, photographer, office supply store print/copy dept, printing press helper, prepress worker	graphic designer, page layout specialist, web designer- depends on company job requirements	animator, multimedia artists, art director, cartoonists, graphic designer, photographer, printing press operator, proof- reader, video game designer



# Journalism and Mass Media

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
SAGA and/or Norse News Creative Writing Speech and Debate Digital Publications Design	Psychology AP English AP Psychology AP World History Current Events World Languages Theatre	Internships Study Abroad Work on school publications

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Creative Writer Blogger Library Assistant Military Service	copy editor blogger Broadcast Technician Columnist Proof Reader Technical Writer	Journalist Copy Editor News Anchor / Reporter Public Relations Manager



## Liberal Arts / Humanities

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>** if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Women's Literature African-American Literature Sociology Psychology	Theatre Art History AP Human Geography	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher



## Performing Arts

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Band courses Orchestra courses Choir courses Theatre courses Music Theory	Speech / Debate Creative Writing Visual Arts classes Sociology Psychology	Community Theater Private Music Lessons Shadowing Internships Mentoring

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Performer Makeup Artist Retail Sales Recording Artist	Sales Manager DJ Sound/Lighting/Recording Engineer Set Design / Costume Technician Stage Electrician	Educator /Private Teacher Conductor/Composer/Arranger Publisher Producer Dancer / Choreographer



# Visual Arts

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (Four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Design Basics Drawing / Advanced Drawing Painting / Advanced Painting Pottery / Advanced Pottery Sculpture / Advanced Sculpture AP Studio Arts 2D / 3D/ Drawing AP Art History Printmaking 2D Design	Technical Theatre Digital Publications Design SAGA / Norse News Entrepreneurship Image Editing Virtual Enterprise Gaming Design & Development - DMTC Advertising / Marketing - DMTC Graphics & Printing 1 / 2 - DMTC	Community Theater Shadowing Internships Part-time Employment Mentorship

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Artist Photographer Florist	Graphic Illustrator Website Design Set Design	Educator Commercial Artist/Illustrator Graphic Design



# World Languages

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>** if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major credits required) (4	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Spanish I - AP German I - IV French I - AP	multiple foreign languages Contemporary World Affairs Visual Arts Performing Arts JROTC AP European History World History (CP or AP) AP English	study abroad undergrad research service learning internships

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Tour Guide Military Specialist Tour Specialist	Travel Agent Customer Service Representative Administrative Assistant	translator/ interpreter diplomat / educator travel and tourism social work international intelligence law enforcement



# Business Information Management

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Integrated Business Apps 1 Marketing Advertising Digital Publication Design Image Editing Cyber Security Fundamentals Accounting I	Computer Science Entrepreneurship Speech / Debate Psychology Sociology JROTC	Job Shadowing Internship Dual credit classes

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Receptionist Administrative Support Specialist Data Entry Military Service	Executive Assistant Office Manager Court Reporter Accounting Clerk	Educator Information Systems Manager Systems Manager Database Manager Account Manager Business Analyst



# General Management

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Accounting I Intro to Computer Sci Statistics Integrated Business App I Finance Human Resource Mgmt (DMTC)	Accounting II AP Macroeconomics AP Microeconomics Integrated Business Apps II Entrepreneurship AP Computer Science	work-based credit

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Billing Clerk Customer Service Assistant Management Trainee Receptionist Shipping and Receiving Clerk Telemarketer	Accounting Clerk Adjustment Clerk Administrative Assistant Bookkeeper Court Reporter Data Entry Specialist	Account Manager Business Analyst Chief Executive Officer Human Resources Manager





# Human Resource Management

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
*courses taken at DMTC *Human Resource Management *Business Law Integrated Business Applications	*courses taken at DMTC *Google Apps Entrepreneurship Virtual Enterprise 1 to 4 Accounting 1	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
service sector jobs	legal secretary, court reporter, paralegal, asst. in a law office, business setting or court	lawyer, human resource manager/director, judge, insurance manager, business owner, business manager, medical professional, educational administrator, teacher, etc



# Operations Management

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP * (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Accounting I Accounting II Marketing Business Finance Entrepreneurship Virtual Enterprise 1 to 4 Integrated Business Applications	AP Microeconomics AP Macroeconomics Human Resource Mgmt (DMTC) AP Computer Science Statistics	Internships Graduate School

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Billing Clerk Customer Service Assistant Management Trainee Receptionist Shipping and Receiving Clerk Telemarketer	Accounting Clerk Adjustment Clerk Administrative Assistant Bookkeeper Court Reporter Data Entry Specialist	Account Manager Business Analyst Chief Executive Officer Human Resources Manager



# Finance

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major (three units required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Accounting I Accounting II Business Finance Personal Finance Integrated Business Applications	Statistics Entrepreneurship Virtual Enterprise 1 - 4	Work Based Credit

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Bank Teller Bill and Account Collector Credit Report Provider Customer Service Representative Sales Agent	Bookkeeper Brokerage Clerk Claims Agent Compliance Specialist Data Processor Examiner	Accountant Adjuster Economist Insurance Appraiser Loan Officer



## Military Services (minor)

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
JROTC I, II, III, IV	Cont. World Affairs Psychology Sociology	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Enlisted Member of Armed Forces (any branch)	Enlisted Specialist Various Office Appointments	commissioned officer in the military (any branch)



## Athletic Training

Required Core Courses for Graduation	<b>SAMPLE CORE CHOICES</b>			
	<i>For additional college entrance requirements, refer to the college of your choice</i>			
	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>Math 4 units</b>	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English 4 units</b>	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science 4 units</b>	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies 4 units</b>	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	
<b>Required Courses for Major credits required)</b>	<b>(four</b>	<b>Complementary Coursework</b>	<b>Extended Learning Opportunity Options Related to Major</b>	
sports medicine - taken at DMTC human anatomy/physiology		Health Science I Health Science II taken at DMTC Physics Psychology	internships shadowing clinicals	

<b>Professional Opportunities Upon Graduation</b>		
<i>For additional college entrance requirements, refer to the college of your choice.</i>		
<b>High School Diploma</b>	<b>2-Year Associate Degree</b>	<b>4-Year Degree &amp; Higher</b>
Aerobics Instructor Athletic Coach Fitness Trainer	Physical Therapy Assistant Retail Sports Good Sales/Mgr.	Athletic Trainer PE Teacher Physical Therapist Professional Athlete Nutritionist Recreation Program Director



# Cosmetology

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
* Courses are taken at DMTC  Cosmetology I Cosmetology II	Accounting I Business Finance Marketing Entrepreneurship Technical Theatre- costume/makeup	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Entry Level Cosmetologist Salon Manager District Manager Salon Owner Educator		



# Health Science

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Health Science I Health Science II	courses taken at DMTC Health Science III/Anatomy (honors)* Medical Terminology (honors)* Clinical Studies (honors) Sports Medicine I  *college credit and AP weighting through SCC	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
nursing assistant lab technician dental assistant Home health care aide patient care assistant pharmacy technician	dental hygienist emergency medical technician medical lab technician occupational therapy assistant surgical technologist veterinary technologist	athletic trainer, anesthesiologist, biomedical engineer, chiropractor, pharmacist, dental hygienist, dietician, health educator, physician, registered nurse, speech pathologist



# Culinary Arts

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Culinary Arts I Culinary Arts II (honors)*	Business Law Marketing Accounting I Sociology Psychology Entrepreneurship Virtual Enterprise 1 to 4 Foreign Language	Job shadowing Internship
*college credit with AP weighting thru SCC		

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
cruise ship worker front desk clerk hostess server prep cook	caterer chef food & beverage service manager restaurant manager baker	executive chef dietician / nutritionist hotel manager club / restaurant manager lodging manager





# Criminal Justice

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
psychology youth and the law speech / debate contemporary world affairs	sociology statistics	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher



## Legal Studies/ Legal Services

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language – recommended to take before 11th grade year)</b>	

Required Courses for Major (four credits required)	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Youth and the Law Business Law Contemporary World Affairs Psychology Sociology	Speech and Debate AP American Government Business Finance AP Microeconomics AP Macroeconomics	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Crossing Guard Military Service Security Guard	Border Patrol Agent Police Patrol Officer Private Investigator	Detective Fire Investigator Probation Officer



# Machine Tool Technology

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Machine Tool Technology I Machine Tool Technology II		

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Millwright Computer Control Tool Programmer Tool and Die Maker	Quality Control Inspector Computer Control Machine Tool Operator Operator	Industrial Engineer Precision Assembler Metallurgist



# Mechatronics Integrated Technology

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
*Courses are taken at DMTC Introduction to Engineering Principles of Engineering	choice of 2 courses from DMTC  Advanced Integrated Tech I Advanced Integrated Tech II Advanced Integrated Tech III Advanced Integrated Tech IV	

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
A/V Installer Security System Installer	Electronics/Mechatronics / Robotics Technician	Electrical /Computer Engineer Maintenance Manager



# Marketing

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major credits required) (four	Complementary Coursework	Extended Learning Opportunity Options Related to Major
marketing or advertising - taken at DMTC digital multimedia statistics sociology Accounting I	psychology image editing entrepreneurship Visual / Performing Arts Marketing Management Graphics & Printing 1 / 2	work on school publications internships

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
sales customer service	sales e-commerce customer service real estate sales Advertising Retail Buyer	sales management advertising sales financial services sales real estate broker Public Relations Market Research Analyst

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Microbiology Anatomy Zoology Environmental Science AP Biology Marine Biology	Calculus Genetics Botany AP Environmental Science Physics	study abroad clinical research internships shadowing teaching assistant

Professional Opportunities Upon Graduation			For
additional college entrance requirements, refer to the college of your choice.			
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher	
Military Service	Lab Technician Surgical Technician	scientist clinical researcher teacher professor Microbiologist Physicians Assistant	



## Chemistry / Biochemistry

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
Chemistry Biology Environmental Science	Forensic Science Physics	research programs internships study abroad summer fellowships

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Wastewater Treatment Tech.	Engineering Technician Lab Technician Soil Quality Technician Water Quality Technician	industrial or research chemist forensic crime lab scientist Environmental Engineer Pharmaceutical Research Technical Sales Account Mgr College Professor



# Mathematics

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
Math 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
English 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
Science 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
Social Studies 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
Additional State Requirements	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
AP Calculus AB Statistics (Preferably AP)	AP Calculus BC AP Computer Science AP Microeconomics AP Macroeconomics Accounting I Accounting II	research study abroad conferences

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
		educator / technical writer actuary / foreign exchange trader attorney / statistician budget analyst mathematician stockbroker





# Automotive Technology

Required Core Courses for Graduation	SAMPLE CORE CHOICES			
	For additional college entrance requirements, refer to the college of your choice			
	9	10	11	12
<b>Math</b> 4 units	Alg I CP or Hon Hon Alg II Hon Geometry Alg I CP* (Foundations)	Intermediate Alg Alg II CP or Hon Hon Geom CP Hon Pre-Calculus	Algebra II Geometry CP or Hon Pre Calculus CP or Hon AP Cal AB Hon Stats	Pre-Cal CP or Hon AP Cal AB or BC Calculus Discrete Math Statistics CP Hon or AP
<b>English</b> 4 units	Eng I CP Hon or Ody	Language Arts II Hon English II	Language Arts III CP Hon or AP	Language Arts IV CP Hon or AP
<b>Science</b> 4 units	Bio I CP Hon or Ody Physical Sci CP or Hon Envir. Sci	Chemistry I CP Hon or Ody Biology I CP or Hon	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP	Biology II CP Hon AP Biology AP Env Sci Chem CP Hon or AP Physics CP Hon or AP
<b>Social Studies</b> 4 units	World History CP Hon or AP - 1 unit Also need 1 add'l unit of social studies (could be Geography CP Hon or AP Human Geog)		US History CP Hon or AP - 1 unit	Economics CP Hon or AP 1/2 unit Government CP Hon or AP 1/2 unit
<b>Additional State Requirements</b>	1 unit of PE or JROTC 1/2 unit of Comprehensive Health 1 unit of Computer Science classes 6.5 units of electives taken grades 9-12 1 unit of Foreign Language or CATE classes		<b>**if you are planning to attend a 4 year college/university, at least 2 units of foreign language are required (same language -- recommended to take before 11th grade year)</b>	

Required Courses for Major	Complementary Coursework	Extended Learning Opportunity Options Related to Major
courses taken at DMTC Automotive Technology I Automotive Technology II		ASE Certificate

Professional Opportunities Upon Graduation		
For additional college entrance requirements, refer to the college of your choice.		
High School Diploma	2-Year Associate Degree	4-Year Degree & Higher
Automotive technician helper, oil change and lube tech	automotive technician, general line technician, brakes, engine repair, and drivetrain repair	master automotive technician, transmission and driveability technician, shop foreman

# SCHOLARSHIPS & GRANTS FOR SC RESIDENTS

## Palmetto Fellows Scholarship

- [Palmetto Fellows Scholarship - Additional Information](#)
- [Math/Science Scholarship Enhancements](#)
- [Palmetto Fellows Scholarship Regulations](#)
- [Palmetto Fellows Scholarship Legislation](#)
- [Year-Round Policy Guidelines](#) (Summer Scholarship Award)

## LIFE Scholarship

- [LIFE Scholarship - Additional Information](#)
- [Math/Science Scholarship Enhancements](#)
- [LIFE Scholarship Regulations](#)
- [LIFE Scholarship Legislation](#)
- [Year-Round Policy Guidelines](#) (Summer Scholarship Award)

## South Carolina HOPE Scholarship

- [South Carolina HOPE Scholarship - Additional Information](#)
- [SC HOPE Scholarship Regulations](#)
- [SC HOPE Scholarship Legislation](#)
- [South Carolina Need-based Grant](#)
- [South Carolina Need-based Grant - Additional Information](#)
- [SC Need-based Grant Emergency Regulations for 2021-2022](#)
- [SC Need-based Grant Regulations](#)
- [SC Need-based Grant Legislation](#)

## Lottery Tuition Assistance

- [Lottery Tuition Assistance - Additional Information](#)
- [Lottery Tuition Assistance Regulations](#)
- [Lottery Tuition Assistance Legislation](#)

## South Carolina National Guard College Assistance Program (SC NG CAP)

- [SC NG CAP - Additional Information](#)

## South Carolina Workforce & Industry Needs Scholarship (SC WINS)

- [SC WINS - Additional Information](#)
- [Palmetto Fellows & LIFE Scholarship Updates](#) \*NEW\*
- [Palmetto Fellows Scholarship for Two-Year & LIFE Scholarship for 68+ Hours](#)
- [Palmetto Fellows Scholarship Eligible Institutions \(Updated June 2021\)](#)
- [Palmetto Fellows Scholarship Two-Year Workshop](#)
- [LIFE Scholarship Eligible Programs for 68+ Hours](#)

## Additional Information - All South Carolina Scholarship and Grant Programs

- [Scholarships & Grants Workshop 2021](#) - \*NEW\*
- [SC CHE Residency and Scholarship & Grants Workshops Summer 2021](#) - \*NEW\*
- [Appeals](#)
- [Dayco Scholarship](#)
- [Eligible Home Schools](#)
- [Residency Consideration](#)
- [Information for Visually Impaired, Hearing Impaired and Multi-Handicapped Students](#)
- [Palmetto Fellows Scholarship Brochure](#)
- [LIFE & Hope Scholarship Brochure](#)
- [All Scholarships and Grants Brochure](#)
- [Foster Care Youth/Independent Living Brochure](#)

# HOW FINANCIAL AID WORKS [www.studentaid.gov](http://www.studentaid.gov)

## 01 Start Planning Early

Plan how to pay for college before you start. Ask school counselors and the college financial aid office about state, college, and nonprofit grants and scholarships you can apply for. Be sure to meet application deadlines. Start saving before you get to college. Consider prepaid tuition and education savings (529) plans.

[Preparing for College](#)

[Understanding Grants](#)

[Understanding Scholarships](#)

## 02 Fill Out the FAFSA® Form

Before each year of college, apply for federal grants, work-study, and loans with the *Free Application for Federal Student Aid* (FAFSA®) form. Your college uses your FAFSA data to determine your federal aid eligibility. Many states and colleges use FAFSA data to award their own aid. After submission, you'll receive your *Student Aid Report*.

[Filling Out the FAFSA® Form](#)

[Understanding Work-Study Jobs](#)

[Understanding Loans](#)

[Reviewing Your Student Aid Report](#)

## 03 Review Your Aid Offer

Your aid offer explains the types and amounts of aid a college is offering you, and your expected costs for the year. If you've been accepted to multiple colleges, compare the costs and aid offers. Accept the aid from the school that's best for you and inform them of other sources of aid (such as scholarships) you expect to receive.

[Comparing School Aid Offers](#)

[Accepting Financial Aid](#)

[Understanding College Costs](#)

## 04 Get Your Aid

Time to go to school! Your financial aid office will apply your aid to the amount you owe your school and send you the remaining balance to spend on other college costs. One of the requirements to maintain financial aid eligibility is that you must make satisfactory academic progress. And don't forget to complete a FAFSA® form each year!

[Receiving Financial Aid](#)

[Staying Eligible](#)

[Renewing Your FAFSA Form](#)

## 05 Graduate and Start Repayment

As you prepare to graduate, get ready to repay your student loans. Good news! Federal student loan borrowers have a six-month grace period before you begin making payments. Use this time to get organized and choose a repayment plan. If you start falling behind on your payments, contact your loan servicer to discuss repayment options.

[Managing Your Loans](#)

[Exploring Repayment Plans](#)

[Seeking Temporary Relief](#)

[Getting Back on Track](#)

# S.C. HIGH SCHOOL TESTING REQUIREMENTS

South Carolina law recommends that students take two tests in order to demonstrate college and/or career readiness. Both tests will be taken during the third year after initial enrollment in 9<sup>th</sup> grade, which for most students, is grade 11. The two tests are the choice between ACT or SAT and a career ready assessment. The SAT and ACT are college entrance exams, and the school-wide administration will result in a college-reportable score. The test will include reading, English, math, science, and writing sections. The career ready assessment measures foundational work skills essential to career success, and students can earn a Career Readiness Certificate for their performance. The test includes Applied Mathematics, Reading for Information, and Locating Information. Both ACT and the career ready assessment will be administered on dates set by the state.

## PROMOTION REQUIREMENTS

The following promotion policy regulations are now in effect at Spartanburg High School. Promotion decisions at the end of the school year will be based on these criteria. Parents of all students have received a copy of these promotion regulations.

	<u>Current Grade</u>	<u>Promoted to Grade</u>	<u>Minimum Number of Carnegie Units</u>
Sophomore	9	10	5* units or 10 semesters
Junior	10	11	10** units or 20 semesters
Senior	11	12	17*** units or 34 semesters

\* One English unit and one Math unit must be earned.

\*\* At least one English unit, two Math units, and one Science unit must be earned by the end of the tenth grade.

\*\*\* At least two English units, three Math units, and two Science units must be earned by the end of the eleventh grade.

**All students should study the diploma requirements on page 5 as they plan their courses of study.**

All students should review the following diploma requirements as they plan their courses of study. **A total of 48 Semester Credits or 24 Units is required for graduation.** Students enrolled in the District 7 OCCUPATIONAL SKILLS Diploma Program must meet requirements at the bottom of the page.

## REQUIREMENTS FOR A SC HIGH SCHOOL DIPLOMA

<u>College</u>	<u>State</u>	<u>Spartanburg High</u>
Language Arts	8 Semester Credits	8 Semester Credits
Mathematics	8 Semester Credits	8 Semester Credits
Natural Science*	6 Semester Credits	6 Semester Credits
U.S. History and Constitution	2 Semester Credits	2 Semester Credits
World Studies**		2 Semester Credits
American Government***	1 Semester Credit	1 Semester Credit
Economics	1 Semester Credit	1 Semester Credit
Other Social Studies	2 Semester Credits	
World Languages**** or 1 CATE unit	2 Semester Credits	2 Semester Credits
Physical Education or JROTC	2 Semester Credits	2 Semester Credits
Comprehensive Health		1 Semester Credit
Computer Science	2 Semester Credits	2 Semester Credits
Electives	14 Semester Credits	13 Semester Credits

TOTAL 48 Semester Credits/24 Units

- \* Every student must complete a course in high school Biology before the end of grade 10.
- \*\* Any exceptions to this requirement must be approved by the principal. The student is encouraged to take other Social Studies courses in addition to those required. The additional courses may be applied to the Electives requirement.
- \*\*\* Citizenship (Civics) courses are not acceptable to comply with this requirement.
- \*\*\*\* College Prep students should check with the colleges and universities to which they are thinking of applying to determine the number of World Languages credits they will need. Three units (6 semester credits) are required by some S.C. public four-year colleges and universities.
- xx To be a Career and Technology Education Program completer, a student must have 4 units (8 semester credits) in a recognized CTE program.

## REQUIREMENTS FOR THE OCCUPATIONAL DIPLOMA PROGRAM

Identification as a student with disabilities under the Individuals with Disabilities Act (I.D.E.A.); 450 hours of work experience, of which 300 hours are paid competitive employment; mastery of 70% of the OCCUPATIONAL program competencies; satisfactory rating on the Employability Rating Scale; completion of a portfolio with the required documentation for the OCCUPATIONAL program.

**To earn a South Carolina High School Credential, students are required to:**

- Earn 24 units of credit that include coursework aligned with the South Carolina College- and Career-Ready Standards.
- Obtain work readiness assessment results that demonstrate the student is ready for competitive employment.
- Complete a career portfolio that includes a multi-media presentation.
- Complete at least 360 hours of work-based learning/training.

## MEETING THE COMPUTER SCIENCE REQUIREMENT

Effective for school year 2019-2020, the following are the Spartanburg School District No. 7 courses that will satisfy the Computer Science requirement for graduation.

<b>Daniel Morgan Technology Center</b>	<b>Spartanburg High School</b>
<ul style="list-style-type: none"> <li>• Computer Programming 1 with JAVA</li> <li>• Computer Programming 2 with JAVA</li> <li>• Game Design and Development</li> <li>• Cyber Security Fundamentals</li> </ul>	Fundamentals of Web Page Design 1 Advanced Webpage Design/Development 1 Foundations of Animation 1 Networking Fundamentals 1 IT Fundamentals 1 Fundamentals of Computing 1 Honors Cybersecurity 1 (Project Lead the Way) Honors Computer Science Principles 1 (Project Lead the Way) Honors Principles of Engineering 1 (Project Lead the Way)

## NEWER COURSE OFFERINGS AT SHS

### Courses that meet the Computer Science Requirement

Fundamentals of Web Page Design  
 AP Computer Science  
 Fundamentals of Computing

Foundations of Animation  
 IT Fundamentals  
 Honors Cybersecurity (Project Lead the Way)

### Dual Credit Courses

SPC205 – Public Speaking SOC101 – Introduction to Sociology MAT111 – College Trigonometry CPT101 – Introduction to Computers – this course does not meet the computer science requirement for graduation	CRJ101 – Introduction to Criminal Justice MAT110 – College Algebra ASL101 – American Sign Language
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### Project Lead the Way

Honors Human Body Systems – PLTW Foundations of Public Health – PLTW	Honors Environmental Sustainability – PLTW Honors Principles of Biomedical Science - PLTW
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### CATE

Health Science 1 – CATE	Health Science 2 – CATE
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### Business and Technology Education

Workplace Communications	Global Business
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## **COLLEGE PREPARATORY COURSE PREREQUISITE REQUIREMENTS FOR ENTERING COLLEGE FRESHMEN**

**FOUR UNITS OF ENGLISH:** All four units must have strong reading (including works of fiction and non-fiction), writing, communicating, and researching components. It is strongly recommended that students take two units that are literature based, including **American, British, and World Literature**.

**FOUR UNITS OF MATHEMATICS:** These units must include **Algebra I, Algebra II, and Geometry**. A fourth higher-level mathematics unit should be taken before or during the senior year.

**THREE UNITS OF LABORATORY SCIENCE:** Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among biology, chemistry, physics, or earth science. The third unit may be from the same field as one of the first two units (**biology, chemistry, physics, or earth science**) or from any laboratory science for which biology, chemistry, physics and/or earth science is a prerequisite. Courses in general or introductory science for which one of these four units is not a prerequisite will not meet this requirement. It's strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all four fields: biology, chemistry, physics, and earth science.

**TWO UNITS OF THE SAME WORLD LANGUAGE:** Two units with a heavy emphasis on language acquisition.

**THREE UNITS OF SOCIAL SCIENCE:** One unit of **U.S. History**, a half unit of **Economics**, and a half unit of **Government** are required. **World History** or **Geography** is strongly recommended.

**ONE UNIT OF FINE ARTS:** One unit in appreciation of, history of, or performance in one of the fine arts. This unit should be selected from among media/digital arts, dance, music, theater, or visual and spatial arts.

**ONE UNIT OF PHYSICAL EDUCATION OR ROTC.** One unit of physical education to include one semester of personal fitness and another semester in lifetime fitness. Exemption applies to students enrolled in Junior ROTC and for students exempted because of physical disability or for religious reasons.

**TWO UNITS OF ELECTIVES:** Two units must be taken as electives. A college preparatory course in Computer Science (i.e., one involving significant programming content, not simply keyboarding or using applications) is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).

### **---IMPORTANT---**

**NOTE:** Each institution may make exceptions in admitting 1) students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student, or 2) students who have taken the Applied Academics courses rather than the required college preparatory curriculum described above and who meet all other institutional admissions criteria.

**NOTE:** Individual institutions have the right to set more stringent requirements. (For example, Clemson and the College of Charleston require 3 units of the same World Language.)

**NOTE:** Students planning to attend an out-of-state college/university should be familiar with the high school requirements for that college/university as well as the state requirements. The guidance department will assist you; however, this is your responsibility.

**NOTE:** If you are an athlete, also check NCAA eligibility requirements.

**For Informational Purposes: Comparison of College Preparatory Course Prerequisite Requirements to High School Diploma Requirements\***

<b>College Preparatory Course Prerequisites (for Entering College Freshmen Beginning in 2019)</b>	<b>Recommended Courses to Meet the 2019 College Preparatory Course Prerequisite Requirements**</b>	<b>Current High School Diploma Requirements (SCDE) Effective 6/28/13</b>
<p><b>FOUR UNITS OF ENGLISH:</b> All four units must have strong reading (including works of fiction and non-fiction), writing, communicating, and researching components. It is strongly recommended that students take two units that are literature based, including American, British, and World Literature.</p>	<p>English 1 English 2 English 3 English 4 IB English Courses AP English Courses</p>	<p><b>English Language Arts = 4 units</b> <i>English 1, 2, 3, 4</i></p>
<p><b>FOUR UNITS OF MATHEMATICS:</b> These units must include Algebra I***, Algebra II, and Geometry. A fourth higher-level mathematics unit should be taken before or during the senior year.</p>	<p>Algebra I*** Geometry Algebra II Fourth higher-level mathematics unit selected among: Algebra III Precalculus Calculus Probability and Statistics Discrete Mathematics Computer Science**** IB Mathematics Courses AP Mathematics Courses AP Computer Science</p>	<p><b>Mathematics = 4 units</b> <i>Algebra 1, 2 Geometry Pre-calculus Calculus Discrete Mathematics Probability and Statistics</i></p>
<p><b>THREE UNITS OF LABORATORY SCIENCE:</b> Two units must be taken in two different fields of the physical, earth, or life sciences and selected from among biology, chemistry, physics, or earth science. The third unit may be from the same field as one of the first two units (biology, chemistry, physics, or earth science) or from any laboratory science for which biology, chemistry, physics and/or earth science is a prerequisite. Courses in general science or introductory science for which one of these four units is not a prerequisite will not meet this requirement. It is strongly recommended that students desiring to pursue careers in science, mathematics, engineering or technology take one course in all four fields: biology, chemistry, physics, and earth science</p>	<p>Biology Chemistry Physics Earth Science IB Science Courses AP Science Courses</p>	<p><b>Science = 3 units</b> <i>Physical Science Earth Science Biology 1, 2 Chemistry 1, 2 Physics</i></p>
<p><b>TWO UNITS OF THE SAME WORLD LANGUAGE:</b> Two units with a heavy emphasis on language acquisition.</p>	<p>Spanish French German American Sign Language (ASL) Chinese Japanese Russian Classics (Latin, Greek, Hebrew)</p>	<p><b>Foreign Language or Career and Technology Education = 1 unit</b></p>



<b>College Preparatory Course Prerequisites (for Entering College Freshmen Beginning in 2019)</b>	<b>Recommended Courses to Meet the 2019 College Preparatory Course Prerequisite Requirements**</b>	<b>Current High School Diploma Requirements (SCDE) Effective 6/28/13</b>
<b>THREE UNITS OF SOCIAL SCIENCE:</b> One unit of U.S. History, a half unit of Economics, and a half unit of Government are required. World History or Geography is strongly recommended.	U.S. Government Economics U.S. History and Constitution World Geography Western Civilization Psychology Sociology IB Social Science Courses AP Social Science Courses	<b>U.S. History and Constitution = 1 unit</b>  <b>Economics = ½ unit</b>  <b>U.S. Government = ½ unit</b>  Other Social Studies = 1 unit <i>World History</i> <i>World Geography</i>
<b>ONE UNIT OF FINE ARTS:</b> One unit in appreciation of, history of, or performance in one of the fine arts. This unit should be selected from among media/digital arts, dance, music, theater, or visual and spatial arts.	Art (Media, Visual, Digital) Chorus Instrumental Music Dance Music Theater AP Fine Arts Courses IB Fine Arts Courses Art Appreciation Music Appreciation	
<b>ONE UNIT OF PHYSICAL/HEALTH EDUCATION OR ROTC:</b> One unit of physical education to include one semester of personal fitness and another semester in lifetime fitness. Exemption applies to students enrolled in Junior ROTC and for students exempted because of physical disability or for religious reasons.	Physical Education Health Education ROTC	<b>Physical Education or Junior ROTC = 1 unit</b>
<b>TWO UNITS OF ELECTIVES:</b> Two units must be taken as electives. A college preparatory course in Computer Science**** is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (courses for which biology, chemistry, physics, or earth science is a prerequisite).	A college preparatory course in Computer Science**** is strongly recommended for this elective. Other acceptable electives include college preparatory courses in English; fine arts; foreign languages; social science; humanities; mathematics; physical education; and laboratory science (science courses for which biology, chemistry, physics, or earth science is a prerequisite).	<b>Electives = 7 units</b>

**NOTES:**

- \* Each institution may make exceptions in admitting students who do not meet all of the prerequisites, limited to those individual cases in which the failure to meet one or more prerequisites is due to circumstances beyond the reasonable control of the student.
- \*\* This list of courses will be reviewed each year. Schools that offer dual enrollment courses should consult with and receive written approval from the Commission before using such courses to meet these requirements.
- \*\*\* Foundations in Algebra and Intermediate Algebra may count together as a substitute for Algebra I if a student successfully completes Algebra II. No other courses may be substituted for the three required mathematics courses (Algebra I, Algebra II, and Geometry).
- \*\*\*\* Computer Science should involve significant programming content, not simply be keyboarding or using applications.

# S.C. UNIFORM GRADING POLICY

South Carolina has adopted a new Uniform Grading Policy. The purpose of the grading policy is to standardize grading for all courses that earn Carnegie units in South Carolina schools, including a middle/junior high school. The LIFE Scholarship requires that a student maintain a “B” average.

Average	Grade	College Prep/ Tech Prep Courses	Honors Courses*	Advanced Placement Courses**	
100	A	5.000	5.500	6.000	<p>Class rank will be computed based on all Carnegie units taken including those taken at the middle school high level.</p> <p>Computations will not be rounded to a higher number in accordance with state regulations. The administrators and guidance counselors in all the district’s secondary schools are available to answer any questions students and their families may have. Please feel free to contact them at your school.</p> <p>* Odyssey and Honors Course are weighted the same  ** Advanced Placement courses are only at SHS  FA Failure due to excessive absences. (A “61 average” is used in computing GPR)  W/F Withdrew (dropped from course or transferred to another school) with a failing grade  W/P Withdrew with a passing grade</p> <hr/> <p>The procedures that have been standardized across the state as a result of the Uniform Grading Policy are:</p> <ul style="list-style-type: none"> <li>• With the first day of enrollment as the baseline, students who withdraw from a course within 3 days in a 45-day course, 5 days in a 90-day course, or 10 days in a 180-day course will do so without penalty.</li> <li>• Students who withdraw from a course after the specified time of 3 days in a 45-day course, 5 days in a 90-day course, or 10 days in a 180-day course shall be assigned a WF (Withdraw Failing) and the F (61) will be calculated in the student’s overall GPR.</li> <li>• The 3-, 5-, 10-day limitations for withdrawing from a course without penalty do not apply to course or course level changes initiated by the administration of a school.</li> <li>• Students may retake the same course at the same difficulty level only if a D or F was earned, and the course must be retaken during the current academic year or no later than the next academic school year.</li> <li>• If a student fails a course due to excessive absences, an FA will be recorded on his or her transcript. The grade of FA will carry no Carnegie units but will be factored into the students GPR as a 61.</li> <li>• The student’s record will reflect all courses taken and the grade earned except for students taking courses for a Carnegie unit prior to their 9<sup>th</sup> grade year. They may retake any such course during the 9<sup>th</sup> grade year, and only the 9<sup>th</sup> grade retake will be used in figuring the student’s GPR or show on the transcript. This will apply whether the grade earned is higher or lower than the pre-ninth grade attempt.</li> </ul> <p><b>Withdrawing from an Honors or AP course at the end of first semester may result in the loss of the .5 or 1.0 quality point. Failure to take the AP exam will result in the loss of the 1.0 quality point.</b></p>
99	A	4.900	5.400	5.900	
98	A	4.800	5.300	5.800	
97	A	4.700	5.200	5.700	
96	A	4.600	5.100	5.600	
95	A	4.500	5.000	5.500	
94	A	4.400	4.900	5.400	
93	A	4.300	4.800	5.300	
92	A	4.200	4.700	5.200	
91	A	4.100	4.600	5.100	
90	A	4.000	4.500	5.000	
89	B	3.900	4.400	4.900	
88	B	3.800	4.300	4.800	
87	B	3.700	4.200	4.700	
86	B	3.600	4.100	4.600	
85	B	3.500	4.000	4.500	
84	B	3.400	3.900	4.400	
83	B	3.300	3.800	4.300	
82	B	3.200	3.700	4.200	
81	B	3.100	3.600	4.100	
80	B	3.000	3.500	4.000	
79	C	2.900	3.400	3.900	
78	C	2.800	3.300	3.800	
77	C	2.700	3.200	3.700	
76	C	2.600	3.100	3.600	
75	C	2.500	3.000	3.500	
74	C	2.400	2.900	3.400	
73	C	2.300	2.800	3.300	
72	C	2.200	2.700	3.200	
71	C	2.100	2.600	3.100	
70	C	2.000	2.500	3.000	
69	D	1.900	2.400	2.900	
68	D	1.800	2.300	2.800	
67	D	1.700	2.200	2.700	
66	D	1.600	2.100	2.600	
65	D	1.500	2.000	2.500	
64	D	1.400	1.900	2.400	
63	D	1.300	1.800	2.300	
62	D	1.200	1.700	2.200	
61	D	1.100	1.600	2.100	
60	D	1.000	1.500	2.000	
59	F	0.900	1.400	1.900	
58	F	0.800	1.300	1.800	
57	F	0.700	1.200	1.700	
56	F	0.600	1.100	1.600	
55	F	0.500	1.000	1.500	
54	F	0.400	0.900	1.400	
53	F	0.300	0.800	1.300	
52	F	0.200	0.700	1.200	
51	F	0.100	0.600	1.100	
0-50	F	0.000	0.000	0.000	

# PROGRAMS OF STUDY

## EXPLANATION OF PROGRAMS OF STUDY REFERENCED IN THIS CATALOGUE

**College Prep (CP):** The standards-based curriculum for students who are planning to enter a two- or four-year college or university after graduation. All CP courses address S.C. grade-level standards for a particular subject area.

**Advanced College Prep (ACP):** An Honors-level college preparatory program of study for students who, because they are advanced in their academic areas and need more challenge (Honors) than is provided in the CP standards-based courses.

**Odyssey/Honors(ODY/HON)** advanced and/or gifted and talented in one or more academic areas, need more challenge **Honors (HON)** than is provided in the CP standards-based courses. All District No. 7 Advanced College Prep courses meet the S.C. criteria for Honors courses and the S.C. criteria for differentiation of courses for the gifted and talented. See below for information about Honors course characteristics and the grade weighting used for Honors courses.

In Grade 9, Spartanburg High School offers both HONORS and ODYSSEY-HONORS courses in Language Arts, Science, and Social Studies. The content and the rigor of the courses is the same. ACP students who meet S.C. criteria\* for academically gifted and talented services are placed in the ODYSSEY-HONORS course. ACP students who do not meet S.C. criteria\* for gifted and talented are placed in the HONORS course.

HONORS courses in Mathematics in grades 10-12 and in other subject areas in grades 11-12 are designed for ACP students who are highly motivated, learn quickly, and wish to go beyond state standards in the subject area.

**\*Information about SC criteria for placement in gifted and talented services is available in the SHS Guidance Department. Referral forms are also available.**

**Advanced Placement (AP):** A program sponsored by the College Board which offers college courses to high school students. The courses in this program are extremely demanding, requiring an extensive amount of commitment by the student. Students will be academically evaluated before becoming eligible for enrollment in an AP course. Refer to requirements listed in this catalogue for specific courses. Students interested in AP courses in grades 11 and/or 12 should prepare for them by taking ACP courses in the subject area(s) in prior grades.

**An AP course must have a sufficient number of qualified students to be offered.**

**All students enrolled in an AP course at the time of the AP exam (May) are required by SC regulation to take the AP exam.**

**Dual Credit Courses:** Those courses for which the student has received permission from his/her home school to earn both Carnegie units and higher education credit. Some dual credit courses may be taught at the school site where the student is enrolled; others may be taught at a cooperating post-secondary institution. One quality point will be added to the CP weighting for dual credit courses that are applicable to baccalaureate degrees or associate degrees. Current **Dual Credit** offerings are marked in bold in the Daniel Morgan Technology Center section of the catalogue and are in listed in the Early College section.

## HONORS COURSE CHARACTERISTICS

- Separate syllabus from college prep classes.
- Different text or text materials or supplemental
- Academic Supports that significantly differentiate the course requirements.
- Evidence of rigor in course expectations sufficiently beyond the scope of a regular college preparatory course.
- Emphasis on critical/reflective thinking practices.
- Project/performance task assessment(s) either as culminating or interim assessment(s).
- ODYSSEY-Honors course placement will be reviewed by the ODYSSEY counselor.

# GIFTED AND TALENTED PROGRAM—ARTS

## ODYSSEY III

ODYSSEY III is an Advanced College Prep (ACP) program for academically gifted students that provide differentiated honors courses for qualifying students. In order to qualify for ODYSSEY III courses, a student must be identified as academically gifted/talented in accordance with regulations of the State of South Carolina. Referral forms for ODYSSEY III may be obtained from the school guidance department.

### **ODYSSEY III COURSES – GRADE 10**

The courses listed below are honors courses and carry honors weight.

Language Arts:  
HONORS ENGLISH II (ODYSSEY)

Social Studies:  
HONORS WORLD HISTORY (ODYSSEY)

Science  
HONORS CHEMISTRY I (ODYSSEY)

#### NOTE:

Students who meet SC State criteria for gifted and talented services and who wish to do Advanced College Prep work in any of these disciplines in grade 10 will be placed in the appropriate ODYSSEY-HONORS course(s) above.

A student who is having difficulty succeeding at the level of an ODYSSEY-HONORS course may request a transfer to a CP course in that subject area. Requests for changes in ODYSSEY-Honors placement should be directed to the Spartanburg High School ODYSSEY counselor.

### **ODYSSEY III COURSES – GRADES 11 & 12**

In grades 11 and 12, ODYSSEY students are encouraged to take traditional Advanced Placement courses in the disciplines. In addition, ODYSSEY provides the following special elective courses which carry honors credit. These ODYSSEY seminars are offered on a rotating basis. A particular seminar may be canceled when student demand is insufficient.

#### **ELECTIVE ODYSSEY SEMINARS\***

Participants receive elective honors credit for these courses.

#### **HONORS SEMINAR: FILM STUDIES (ODYSSEY)**

This one-semester course is an introduction to the study of film – its history, theory, and analysis. Students study films from the earliest days of cinema history to the most recent releases. They learn how to analyze, interpret, and think critically about film and explore the role of the film critic within the media industry and society-at-large.

#### **HONORS SEMINAR: VISIONS OF THE FUTURE (ODYSSEY)**

Visions of the Future is a project based learning course about trending technology. Students will choose an area of technology to study for the semester and visions for the future in their field of study. In other words, the creation of the technology, key advances made, and visionary plans in their chosen technological field. A portion of the course will analyze the development of technology for Science Fiction and Fantasy film to illustrate expectations for the independent study chosen by each student.

#### **HONORS SEMINAR: CREATIVE WRITING (ODYSSEY)**

This one-semester course is for students enrolled in AP English or who qualify as Gifted under SC State Department of Education criteria. The class is conducted as an intensive writing workshop in which students are expected to conference at least weekly with the Instructor with publication as the ultimate goal. During second semester students will also design and produce *First Circle*, the SHS literary yearbook. This course may be taken for two semesters with instructor approval.

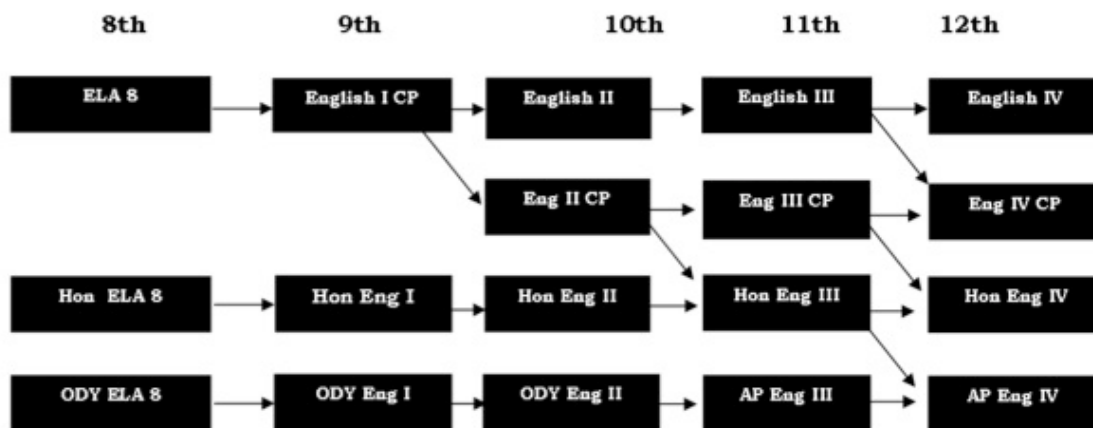
#### **HONORS SEMINAR: COMMUNITY INTERNSHIP PROGRAM (ODYSSEY)**

Designed to acquaint gifted and talented students with careers and career preparation, this one-semester course combines classroom discussion with internships in several career areas in the community. The internships require students to fulfill work responsibilities outside of school under the supervision of community mentors. Internship assignments are based as much as possible on students' expressed career interests. Students are responsible for securing their own internships with the help of the teacher. This is a senior class.

**\*These courses are open to Honors students on a space available basis.**

# ENGLISH / LANGUAGE ARTS

## Possible English Paths in Middle and High School



\*\* Flow charts do not reflect all possible scenarios. Please contact your child's guidance counselor with specific questions.

### Instructions for Selecting Language Arts Courses

No sophomore or junior may take more than one (1) Language Arts course each semester. (This prohibition does not extend to the elective Language Arts courses described which may be taken along with the regular Language Arts program.) Students who wish to accelerate or to make up a Language Arts course must do so during the summer. Any exceptions to this requirement must be approved by the principal.

## RECOMMENDED COURSES FOR GRADE 9

### ENGLISH I CP

English 1 is a yearlong course of instruction created to help each student develop the skills and knowledge he/she is expected to have by the end of the 9th grade in reading comprehension and writing expression.

**Credits:** 1 Unit  
**Prerequisite:** iReady Reading of less than 589  
**Next in Sequence:** English II

### CP ENGLISH I

English I CP is a challenging course specifically designed for the student who has demonstrated grade-level performance in language arts, and who plans to continue his/her education at a four-year college or university. This course serves as an introductory course focusing on literature of all genres. The course prepares students to meet the expectations of English II CP. The course includes the expectation of independent reading and writing skills.

**Credits:** 1 Unit  
**Prerequisite:** iReady Reading 592-642  
**Next in Sequence:** English II

### HONORS ENGLISH I

Honors English I is a rigorous course specifically designed for the student who has demonstrated exceptional ability in language arts and who plans to continue his/her education at a four-year college or university. This course serves as an introductory course, focused on challenging world literature of all genres. The course prepares students for future honors and

possible Advanced Placement (AP) classes. It also includes intensive reading and writing. *Honor level students who do not meet SC criteria for academically gifted and talented will be placed in this course.*

**Credits:** 1 Unit  
**Prerequisite:** iReady Reading above 647  
 90 average or higher in ELA 8  
**Next in Sequence:** Honors English II

### ODYSSEY ENGLISH I

Odyssey English I is a rigorous course specifically designed for the student who has demonstrated exceptional ability in language arts and who plans to continue his/her education at a four-year college or university. This course serves as an introductory course, focused on challenging world literature of all genres. The course prepares students for future Odyssey and possible Advanced Placement (AP) classes. It also entails intensive reading and writing. *Honor level students who meet SC criteria for academically gifted and talented will be placed in this course.*

**Credits:** 1 Unit  
**Prerequisite:** Odyssey ELA 8  
**Next in Sequence:** Odyssey English II

## RECOMMENDED COURSES FOR GRADES 10-12

### ENGLISH II\* CP

This standards-based language arts course for high school sophomores prepares students for the demands of two- or four-year degree programs and technical careers. The course continues the study of language, literature, composition, vocab-

ulary, and research-skills started in the ninth grade. World literature of various genres, formal essay writing, and research are the focuses of this class. A state-adopted end-of-course test will be administered and will count 20% of the final grade.

### **ENGLISH II (CP)**

This course for sophomores introduces the standards-based language arts program. Students focus on language, literature, composition, vocabulary, test-taking skills, and research. They study the short story, poetry, fiction, nonfiction, and world literature. A state-adopted end-of-course test will be administered and will count 20% of the final grade.

### **LANGUAGE ARTS III (CP)**

This standards-based language arts course for high school juniors prepares students for the demands of two- or four-year degree programs and technical careers. The course continues the study of language, literature, composition, vocabulary, and research-based writing begun in the tenth grade. American Literature is the focus. PSAT, ACT, SAT, and Career Assessment preparation are included in this course.

### **LANGUAGE ARTS III**

This standards-based language arts course for high school juniors prepares students for the demands of two- or four-year degree programs and technical careers. The course is a blend of academic language arts education and real-world applications and communications skills. American Literature is the focus. PSAT, ACT, SAT, and Career Assessment preparation are included in this course.

### **LANGUAGE ARTS IV (CP)**

This standards-based language arts course for high school seniors prepares students for the demands of two- or four-year degree programs and technical careers. The course continues the study of language, literature, composition, vocabulary, and research-based writing from the eleventh grade. British Literature is the focus.

### **LANGUAGE ARTS IV**

This standards-based language arts course for high school seniors prepares students for the demands of two- or four-year degree programs and technical careers. The course is a blend of academic language arts education and real-world applications and communications skills. British Literature is the focus with an emphasis placed on analytical and business writing and research. Accuplacer and ASVAB preparation are included in this course.

### **ADV. COLLEGE PREP AND AP**

Refer to page 60 for course placement requirements. Placement of students in ODYSSEY-Honors is not subject to the same grade requirement. Changes in placement for ODYSSEY students are determined on a case-by-case basis through consultation with the SHS ODYSSEY counselor.

### **ODY ENGLISH II HON ENGLISH II**

These year-long courses are designed for highly motivated sophomores who want a more rigorous Language Arts course that goes beyond state standards. Each course focuses on language, literature, literary analysis, composition, creative writing, and vocabulary. Using MLA and preparation for the PSAT

and SAT is included. Honors level students who do not meet SC criteria for academically gifted and talented will be placed in HON ENG IIA/HON and HON ENG IIB/HON. A state-adopted end-of-course test will be administered and will count 20% of the final grade.

### **HONORS ENGLISH III**

This year-long course is designed for highly motivated juniors who want a more rigorous Language Arts course that goes beyond state standards. Each course focuses on language, literature, literary analysis, composition, creative writing, and vocabulary. Research-based writing using MLA is included. American Literature is the focus. Preparation for the PSAT and SAT is included.

### **HONORS ENGLISH IV**

This year-long course is designed for highly motivated seniors who want a more rigorous Language Arts course that goes beyond state standards. Each course focuses on language, literature, literary analysis, composition, creative writing, and vocabulary. Research-based writing using MLA and [scdiscuss.org](http://scdiscuss.org) are included. British Literature is the focus, including Shakespeare and Swift.

### **AP ENGLISH III Language and Composition (11th gr/AP)**

This year-long course offers selected juniors the opportunity to develop their writing skills and awareness of style and rhetoric through critical reading and composition practice. It focuses on expository prose in both reading and writing. Students who enroll in this course MUST take the Advanced Placement Examination. The exam fee will be paid by the state.

### **AP ENGLISH IV Literature and Composition (12th gr/AP)**

This year-long course is the culmination of the most advanced program of study in language arts. It focuses on composition and analytical skills through study of the short story, poetry, the novel, and drama. Students who enroll in this course MUST take the AP English Examination. The exam fee will be paid by the state.

### **AP CAPSTONE**

AP Capstone is a two-course sequenced program in which students can earn an AP Capstone Diploma. The program is designed to enhance college level writing, research, and collaboration skills through independent, student-directed research projects and presentations. To earn this distinction, students must earn a 3 or higher in four AP courses of their choosing and in both AP Seminar and AP Research.

**Prerequisite:** Students who enter the AP Capstone program must complete both the Seminar and Research courses. Students who are interested in taking this course must have earned a 3 or higher in one AP course prior to enrollment and must be enrolled in an additional AP course during their registration year. Two teacher recommendations and a PSAT Evidence-Based Reading and Writing score of 600 are required.

### **AP SEMINAR**

AP Seminar is the foundational course of the AP Capstone program. The College Board describes the purpose of this course as aiming “to equip students with the power to analyze and evaluate information with accuracy and precision so they can craft and communicate evidence-based arguments.” Students in this

course will analyze texts, implement research skills, and develop and deliver presentations on complex real-world and academic topics, as individuals and as a team. Student enrolled in this course are required to take AP Seminar End-of-Course Exam.

### **AP RESEARCH**

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AP Research follows the AP Seminar course in the Capstone program. The College Board describes this course as allowing “students to deeply explore an academic topic, problem, or issue of individual interest.” Students will design and implement a year-long research project, culminating in an academic paper and presentation and oral defense.

### **DUAL CREDIT – SPTBG COMMUNITY COLLEGE ENGLISH 101, ENGLISH COMPOSITION I**

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English 101 is open to seniors only and is designed for mature, conscientious students seeking the challenge of a fast-paced and rigorous curriculum as well as dual credit. English 101 is a one-semester college transfer course taught at Spartanburg High School and by Spartanburg High School faculty. The course is a study of composition in conjunction with appropriate literary selections, with frequent theme assignments to reinforce effective writing. A review of standard usage and a framework of basic research techniques are also presented.

**Prerequisite:** Must meet SCC admission requirements  
See Ms. Jamison or a counselor to register

### **ENGLISH 102, ENGLISH COMPOSITION II**

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English 102 is open to seniors only and is designed for mature, conscientious students seeking the challenge of a fast-paced and rigorous curriculum as well as dual credit. English 102 is a one-semester college transfer course in which the following topics are presented: writing skills, effective style, literary analysis, and advanced research. An exploration of literary genre is also featured.

**Prerequisite:** English 101 with a grade of C or better  
See Ms. Jamison or a counselor to register

### **SPC205 PUBLIC SPEAKING**

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Public Speaking is a three credit hour dual enrollment course offered at Spartanburg High School taught by a Spartanburg Community College Professor. Students will receive dual credit weighting for this course. This course is one of the 86 courses with the Statewide Articulation Agreement that Transfer Among and Between the Public Colleges and Universities in South Carolina. This course is an introduction to principles of public speaking with application of speaking skills.

**Prerequisite:** Must meet SCC admission requirements  
See a counselor to register  
This course is only open to juniors and seniors

### **ELECTIVE COURSES**

#### **AFRICAN-AMERICAN LITERATURE**

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This semester course will allow students to examine the various works of African-American writers and the effect these writings had on the American tradition. This course will also examine the influence of African-American history on the writers and their philosophies. Guest speakers, artists, video tapes, and original student productions will be included as enrichment activities.

**Credit:** .5 unit (elective)

#### **SPEECH AND DEBATE (CP)**

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This semester course teaches the basic techniques of effective speech-making, and it introduces students to the principles of debate. This course does not count for language arts credit.

**Credit:** .5 unit (elective)

#### **CREATIVE WRITING**

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This course is a sophisticated study of the craft of writing plays, short narratives, and poems with particular emphasis on the study of modern poetry. This course does not count for language arts credit.

**Credit:** .5 unit (elective)

#### **SAGA**

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Students who have applied and been chosen for this course receive elective credit for working on the yearbook staff. Students who become academically ineligible will be removed from the course. Honors credit will be awarded to editors.

**Prerequisite:** Teacher recommendation AND/OR approval of the instructor.

**Credit:** .5 unit (elective)

#### **NORSE NEWS**

---

Students who have applied and been chosen for this course receive elective credit for working on the staff of the school newspaper. Students who become academically ineligible will be removed from the course. Honors credit will be awarded to editors.

**Prerequisite:** Teacher recommendation AND/OR approval of the instructor.

**Credit:** .5 unit (elective)

#### **PHOTOGRAPHY FOR PUBLICATIONS**

---

This course focuses on photography for publications although creative photography will be included. Students will be required to take all photos needed for the school newspaper and yearbook. Students must spend time after school on photo assignments. Audition and permission of the instructor or publications advisor as required.

**Credit:** .5 unit (elective)

#### **HONORS PHOTOGRAPHY FOR PUBLICATIONS (HON)**

---

This course is for returning photography students only. Honors credit will be awarded to editors. Students will be required to take all photos needed for the school newspaper and yearbook. Students must spend time after school on photo assignments. Audition and permission of the instructor or publications advisor as required.

**Credit:** .5 unit (elective)

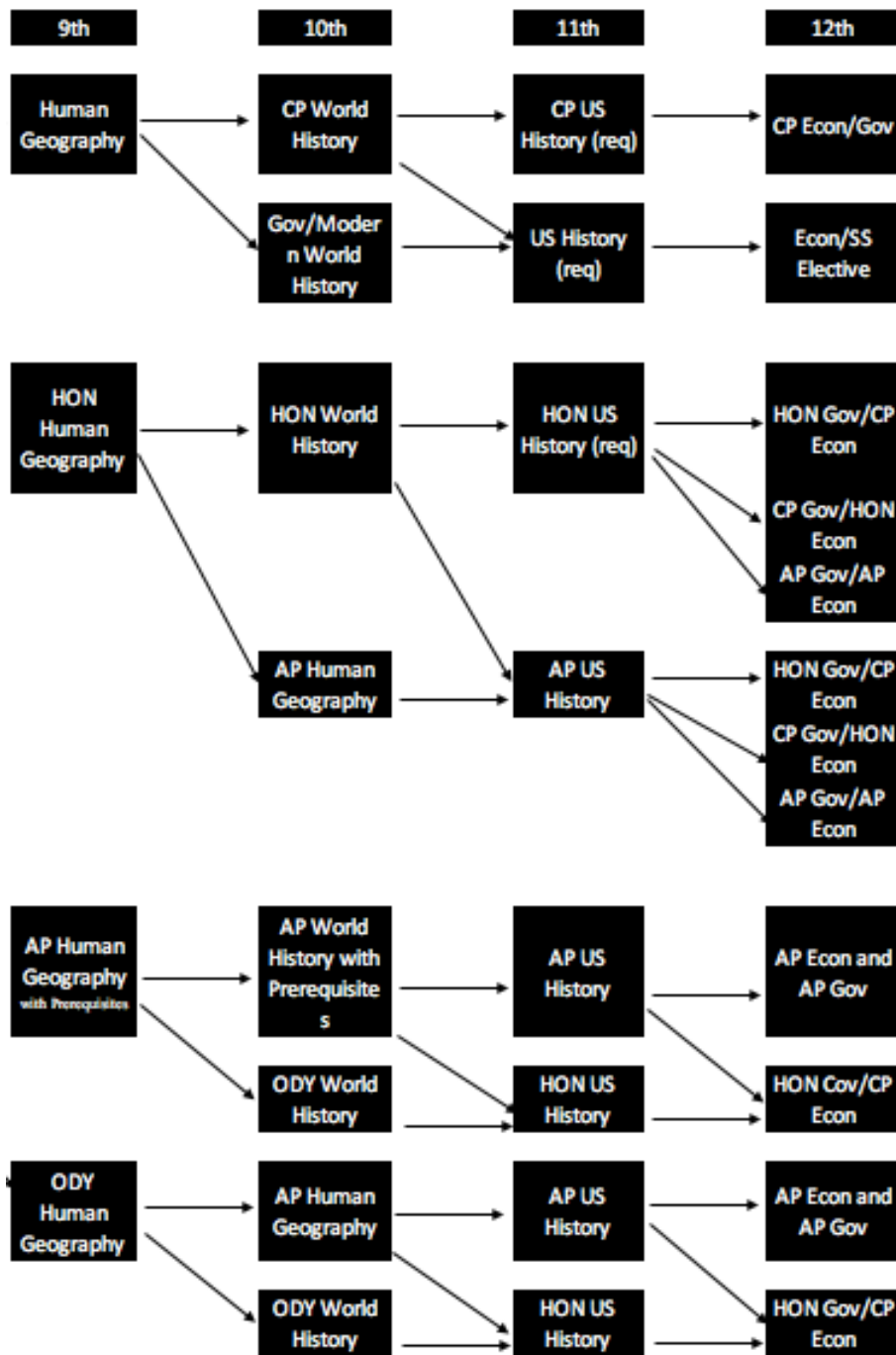
#### **WOMEN'S LITERATURE**

#### **HONORS WOMEN'S LITERATURE**

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These one-semester Honors courses are an independent study of an author (chosen by the student) and novels written by the author. Students will engage in class discussions about novel topics, independent reading studies, writing workshops, and give presentations. The focus will be developing stronger college-level research skills, public speaking skills, and provide individualized tutoring to improve writing skills. See Mrs. Pruettt to sign up.

# SOCIAL STUDIES



### *Instructions for Selecting Social Studies Courses*

1. All students must complete 2 semesters of United States History, 1 semester of Economics, and 1 semester of United States Government.
2. Two semesters of World History are highly recommended for college bound students. Two semesters of World History are recommended for AP US History.
3. Students may enroll in social studies courses as electives.
4. ODYSSEY-Honors course placement will be reviewed by the ODYSSEY counselor.



## RECOMMENDED COURSES FOR GRADE 9

### HUMAN GEOGRAPHY

**Course Description:** This course is designed to help students understand the constantly changing and complex world that they live in through the study of human geography. Human Geography focuses on the study of the processes and patterns of how human characteristics and activities vary across the Earth's surface and how humans understand and interact with it. This course is conceptual in nature, rather than place specific, and is organized around the topics of cultural geography, political geography, urban geography, economic geography, and population and migration geography. Students will also learn how to use maps and other geographic representations, geospatial technologies, landscape analysis, and spatial thinking skills. The course will be constructed around the following four themes: Places and Region, Environment and Resources, Human Systems, and Applied Geography.

**Credits:** 1 Unit

**Next in Sequence:** World History

### HONORS HUMAN GEOGRAPHY

This course is designed to help students understand the constantly changing and complex world that they live in through the study of human geography. This honors level course is an in-depth focus on the study of the processes and patterns of how human characteristics and activities vary across the Earth's surface and how humans understand and interact with it. This course is conceptual in nature, rather than place specific, and is organized around the topics of cultural geography, political geography, urban geography, economic geography, and population and migration geography. Students will also learn how to use maps and other geographic representations, geospatial technologies, landscape analysis, and spatial thinking skills. The course will be constructed around the following four themes: Places and Region, Environment and Resources, Human Systems, and Applied Geography.

*Honor level students who do not meet SC criteria for academically gifted and talented will be placed in this course.*

**Credits:** 1 Unit

**Co-requisite:** Honors English I  
88 average or higher in Social Studies 8

**Next in Sequence:** Honors World History

### ODYSSEY HUMAN GEOGRAPHY

This course is designed to help students understand the constantly changing and complex world that they live in through the study of human geography. This honors level course is an in-depth focus on the study of the processes and patterns of how human characteristics and activities vary across the Earth's surface and how humans understand and interact with it. This course is conceptual in nature, rather than place specific, and is organized around the topics of cultural geography, political geography, urban geography, economic geography, and population and migration geography. Students will also learn how to use maps and other geographic representations, geospatial technologies, landscape analysis, and spatial thinking skills. The course will be constructed around the following four themes: Places and Region, Environment and Resources, Human Systems, and Applied Geography.

*Honor level students who meet SC criteria for academically gifted and talented will be placed in this course.*

**Credits:** 1 Unit

**Next in Sequence:** AP World History

### AP HUMAN GEOGRAPHY

The AP Human Geography class is a challenging course open to honors-level and Odyssey-level students. The purpose of the AP course in Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. Five of the college-level National Geography Standards are included. A complete syllabus may be found at [www.collegeboard.org/ap](http://www.collegeboard.org/ap).

**Credits:** 1 Unit (Potential for 3+ hours college credit)

**Prerequisites:** PSAT ERW – 500 of higher  
Teacher recommendation  
Strong classroom performance in current SS class

**Next in Sequence:** Advanced Placement World History  
**Requirements:** Summer Reading Assignment must be completed prior to the start of school and must take AP Exam in the Spring

## WORLD HISTORY

### WORLD HISTORY A

The focus of World History A is the major civilizations before 1800 and their contributions to the world as it exists today-in aspects that range from the geographic to the social and political. Critical thinking is emphasized in this course, with an emphasis on why particular civilizations developed where and when they did, why they became dominant, why they declined, and how they have continued to influence the development of human culture.

**Credit:** .5 unit

### WORLD HISTORY B

The focus of World History B is the major civilizations since 1800 and their contributions to the world as it exists today. Topics include the age of imperialism, democratic revolutions, the Industrial Revolution, World War I, the Great Depression, World War II, the Cold War, and globalization. Critical thinking is emphasized through analysis of social, political, geographic, and economic issues.

**Credit:** .5 unit

### HONORS WORLD HISTORY (ODYSSEY)

### HONORS WORLD HISTORY (HONORS)

These honors courses in World History are for ACP students who want a more rigorous World History course that goes beyond state standards. Honors level students who do not meet SC criteria for academically gifted and talented will be placed in HON W HIST A (HON) and HON W HIST B (HON).

## CIVICS

### CIVICS

This year-long course is the study of citizenship and government for 9th grade students. This course provides students with a basic understanding of civic life, politics, and government, and a short history of government's foundation and development in this country. Discover how you can participate

in government by voting, running for office, meeting civic obligations, and petitioning your representatives. Throughout the course students will read complex texts at grade level, increase academic and domain-specific vocabulary, and engage in routine writing in response to texts, concepts, and scenarios. Students will also use research skills to access, interpret, and apply information from sources you have gathered.

*\*Please note this course does not fulfill the US Government requirement for graduation but does satisfy the other Social Studies elective credit.*

**Credit 1 unit**

## RECOMMENDED COURSES FOR GRADES 10-12

### WORLD HISTORY

#### WORLD HISTORY A

The focus of World History A is the major civilizations before 1800 and their contributions to the world as it exists today—in aspects that range from the geographic to the social and political. Critical thinking is emphasized in this course, with an emphasis on why particular civilizations developed where and when they did, why they became dominant, why they declined, and how they have continued to influence the development of human culture.

**Credit:** .5 unit

#### WORLD HISTORY B

The focus of World History B is the major civilizations since 1800 and their contributions to the world as it exists today. Topics include the age of imperialism, democratic revolutions, the Industrial Revolution, World War I, the Great Depression, World War II, the Cold War, and globalization. Critical thinking is emphasized through analysis of social, political, geographic, and economic issues.

**Credit:** .5 unit

#### HONORS WORLD HISTORY (ODYSSEY)

#### HONORS WORLD HISTORY (HONORS)

These honors courses in World History are for ACP students who want a more rigorous World History course that goes beyond state standards. Honors level students who do not meet SC criteria for academically gifted and talented will be placed in HON W HIST A (HON) and HON W HIST B (HON).

#### MODERN WORLD HISTORY

Modern World History is a one-semester course offered to sophomores. The course covers 1945 to the present and emphasizes content area reading, study skills, and test taking preparation.

### UNITED STATES HISTORY

#### U.S. HISTORY

This standards-based course provides a chronological survey of the history of the United States. Course content includes political, diplomatic, ethnic, social, cultural, intellectual, and technological aspects of each period. Students will be expected to be able to take notes while listening, write complete essays, and make critical evaluations of historical sources. The focus of United States History during first semester is the story of the American people, a span that includes the establishment of various European colonies, the creation of the United States as a new nation

during the American Revolution, the territorial expansion to the West, the American Civil War and Reconstruction, the industrialization and immigration of the late nineteenth century, and the nation's developing role in world affairs in the twentieth century. The focus of United States History during second semester is the story of the American people in the twentieth and twenty-first centuries. Topics include the foreign developments that contributed to the United States' emergence as a world power, the economic boom-and-bust in the 1920s and 1930s, the impacts of World War II, Cold War, and devolution of the Soviet Union on foreign and domestic policies. **At the end of the course, students take the SC end-of-course test in US History. Their grade on the state test is counted 20% of their final grade in the course.**

**Credit:** 1 unit

#### HONORS U.S. HISTORY (HON)

This standards-and-beyond course provides a chronological survey of U.S. History. Course content includes political, diplomatic, economic, ethnic, social, and technological developments in each period. This challenging course is designed for Advanced College Prep students and there is a strong emphasis upon essay writing, note taking, and writing under time constraints. **At the end of the course, students take the SC end-of-course test in US History. Their grade on the state test is counted 20% of their final grade in the course.**

**Prerequisite:** A solid B or better in previous social studies courses

**Credit:** 1 unit

### GOVERNMENT

#### US GOVERNMENT

This is a one-semester course that deals with the theory of local, state, and national governments and the practical application of theory to current problems. It is required for graduation. *Students will sign up by alphabet, A-L in the first semester and M-Z in the second semester.*

**Credit:** .5 unit

#### GOVERNMENT IN THE UNITED STATES (CP)

This is a one semester course that deals with the theory of local, state, and national governments and the practical application of theory to current problems. It is required for graduation. *Students will sign up by alphabet, A-L in the first semester and M-Z in the second semester.*

**Credit:** .5 unit

#### HONORS GOVERNMENT IN THE US (HON)

This course is a rigorous one-semester course. It fulfills the government requirement for graduation.

**SENIORS ONLY** *Students will sign up by alphabet, A-L in the first semester and M-Z in the second semester.*

**Credit:** .5 unit

### ECONOMICS

Seniors will receive first priority. Juniors have second priority. Sophomores are not allowed to take Economics.

#### ECONOMICS AND PERSONAL FINANCE

This standards-based course is designed to help students understand and apply the principles of the American economy and the ways in which economic institutions affect them personally. While basic economic theories and concepts will be

covered, special emphasis will be placed on the application of these principles with hands on activities.

**Credit:** .5 unit

### **ECONOMICS AND PERSONAL FINANCE**

Designed for college bound students, this standards-based course focuses on the principal forces in the American economy which determine supply, demand, income, employment, productivity, and government policy. Heavy emphasis is placed on the application of practical economic concepts and personal finance topics. Students will study the role of the individual in the economy as a consumer, producer, saver, investor, and taxpayer. Real world topics to be covered include income, money management, spending and credit, risk and insurance, saving and investing, as well as taxation. This course meets the one semester Economics requirement for high school graduation in South Carolina.

**Credit:** .5 unit

### **HONORS ECONOMICS AND PERSONAL FINANCE**

Honors American Economic System is a standards-based course which will provide students with an understanding of the way the mixed market economy of the United States functions and includes a broad spectrum of both micro and macro-economic topics, along with issues of personal finance. While Honors Economics does not delve as deeply into economic theory as the AP course(s), it does require the student to develop and apply reasoning skills rather than simply learn information and later recall it on a test. The student who successfully completes this course will be qualified to study economics at the college level with a much greater likelihood of success given this preparation. Honors American Economic System meets the one semester economics requirement for graduation from high school in South Carolina.

**Credit:** .5 unit

### **PSYCHOLOGY**

#### **PSYCHOLOGY A (CP)**

Students in this course study what psychology is about: sensations, perceptions, extrasensory perception, memory and thought, states of consciousness, and behavior. Students learn terms and concepts that psychologists use and apply them to their own lives.

**Credit:** .5 unit

#### **PSYCHOLOGY B (CP)**

Personality and emotional life, including personality theory and abnormal behavior, are among the topics in this course. Methods in psychology, including mental measurement and research, are also presented.

**Credit:** .5 unit

**Prerequisite:** Psychology A (CP)

#### **HONORS PSYCHOLOGY A**

This course is a rigorous one-semester course that follows the National Standards for High School Psychology Curricula that is outlined by the American Psychological Association. Students in this course study the introductory concepts of psychology including scientific inquiry, biopsychosocial approach, development and learning. Students learn terms and concepts that psychologists use and apply them to their own lives.

**Credit:** .5 unit

### **HONORS PSYCHOLOGY B**

This course is a rigorous one-semester course that follows the National Standards for High School Psychology Curricula that is outlined by the American Psychological Association. Students in this course study the introductory concepts of psychology including sociocultural context, cognition, and individual variation. Students learn to apply the concepts of psychology as they would in the professional field of study.

**Credit:** .5 unit

**Prerequisite:** Honors Psychology A.

### **AP COURSES**

Prerequisite for all AP Social Studies courses: Demonstrated superior competence in all history courses taken previously in high school, appropriate performance on standardized tests (PSAT, SAT, etc.), and teacher recommendation.

#### **AP EUROPEAN HISTORY (AP)**

A two-semester course for junior or senior Advanced Placement students. The course is NOT open to sophomores. Students cultivate their understanding of European history from c. 1450 to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation. The AP Exam MUST be taken by every student in the course. The exam fee will be paid by the state.

**Credit:** 1 unit

#### **AP US GOVERNMENT & POLITICS (AP)**

This is a one-year course open to senior Advanced Placement students. This course is a study of the American system of government from the writing of the Constitution through the operation of the modern American government. It will entail an in-depth study of the operation of the three branches of government. The course will also focus on topics such as interest groups, political parties, important court cases, the bureaucracy, etc. The AP exam MUST be taken by every student in this course. The exam fee will be paid by the state. The course may be used to satisfy the government requirement for graduation. **SENIORS ONLY**

**Prerequisite:** Hon US History or AP US History

**Credit:** 1 unit

#### **AP COMPARATIVE GOVERNMENT (AP)**

A two-semester course open to senior Advanced Placement students, this course is a study of the ideologies, governments, and politics of selected countries. The AP exam MUST be taken by every student in this course. The exam fee will be paid by the state. **This course does NOT fulfill the government requirement for graduation.**

**Credit:** 1 unit

#### **AP UNITED STATES HISTORY (AP)**

This two-semester chronological study of United States history is designed for the advanced student. This course does fulfill the US History graduation requirement. Students are expected to do extensive individual work. This course is not open to sophomores. The AP exam **MUST** be taken by **every** student in the course. The exam fee will be paid by the state. **At the end**

of the course, students take the SC end-of-course test in US History. Their grade on the state test is counted 20% of their final grade in the course.

**Credit:** 1 unit

### **AP PSYCHOLOGY (AP)**

---

This two-semester course is open to junior and senior Advanced Placement students. This course is designed to study the fundamentals of psychology to include: methods, approaches, and history of psychology; states of consciousness; learning; cognition; motivation and emotion; developmental psychology; personality; testing and individual differences; abnormal psychology; the treatment of psychological disorders; and social psychology. The AP Exam **MUST** be taken by every student in the course. The exam fee will be paid by the state.

**Credit:** 1 unit

### **AP HUMAN GEOGRAPHY (AP)**

---

A two-semester course for sophomore Advanced Placement students, this is a study of the nature and perspectives of geography, population, cultural patterns and processes, political organization of space, agricultural and rural land use, industrialization and economic development, and cities and urban land use. The AP Exam **MUST** be taken by every student in the course. The exam fee will be paid by the state.

**Credit:** 1 unit

### **AP ART HISTORY (AP)**

---

This two-semester course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. Through investigations of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. The AP exam **MUST** be taken by every student in this course. The exam fee will be paid by the state.

**Prerequisite:** AP teacher approval

**Credit:** 1 unit

### **AP MICRO ECONOMICS (AP)**

---

This course deals with the principles of economics as they apply to individual decision-makers, including consumers and producers, within the larger economic system. Primary emphasis is placed on the nature and function of product and factor markets, involving in-depth study of supply and demand principles, the economics of the firm, market structures, and the role of government. The AP exam **MUST** be taken by every student in the course. The exam fee will be paid by the state.

**Credit:** .5 unit

### **AP MACRO ECONOMICS (AP)**

---

This course focuses on economic principles as they apply to the economic system as a whole. Emphasis will be placed on national income and price determination, measures of economic performance, and international economics. Topics include GNP, inflation, unemployment, fiscal and monetary policy, exchange rates and the balance of payments. The AP exam **MUST** be taken by every student in this course. The exam fee is paid by the state.

**Credit:** .5 unit

### **AP WORLD HISTORY: MODERN (AP)**

---

A two-semester course for sophomore Advanced Placement students. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. The AP Exam **MUST** be taken by every student in the course. The exam fee will be paid by the state.

**Credit:** 1 unit

### **DUAL CREDIT – SPARTANBURG COMMUNITY COLLEGE**

#### **CRJ101 INTRODUCTION TO CRIMINAL JUSTICE**

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This is a three credit hour dual enrollment course offered at Spartanburg High taught by a Spartanburg Community College Professor. Students will receive dual credit weighting for this course. Please note this course is NOT one of the 86 courses with the Statewide Articulation Agreement that Transfer Among and Between the Public Colleges and Universities in South Carolina. However, it could be used as a transfer election to some colleges and universities. This course includes an overview of the functions and responsibilities of agencies involved in the administration of justice to include police organizations, court systems, correctional systems, and juvenile justice systems.

**Prerequisite:** Must meet SCC admission requirements

See a counselor to register

This course is only open to juniors and seniors

#### **SOC101 INTRODUCTION TO SOCIOLOGY**

---

This is a three credit hour dual enrollment course offered at Spartanburg High taught by a Spartanburg Community College Professor. Students will receive dual credit weighting for this course. This course is one of the 86 courses with the Statewide Articulation Agreement that Transfer Among and Between the Public Colleges and Universities in South Carolina. This course emphasizes the fundamental concepts and principles of sociology, including culture, socialization, interaction, social groups and stratification, effects of population growth, and technology in society and social institutions.

**Prerequisite:** Must meet SCC admission requirements

See a counselor to register

This course is only open to juniors and seniors

### **ELECTIVE COURSES**

#### **CURRENT EVENTS**

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This course is designed to help students gain insight into how current events will impact upon the future. Students will be given the opportunity to develop research and problem solving skills.

**Recommended:** One year of World History

**Credit:** .5 unit

#### **CONTEMPORARY WORLD AFFAIRS (CP)**

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This course provides students with the opportunity to examine events occurring in the world today and to relate these events to their historical background.

**Recommended:** One year of World History

**Credit:** .5 unit

### **SOCIOLOGY A (CP)**

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An introduction to the science of sociology through the study of contemporary society, this course includes an introduction to methods of sociological research. Topics include social structure, social relationships, and social organization.

**Credit:** .5 unit

### **SOCIOLOGY B (CP)**

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This course applies the concepts introduced in Sociology A to an examination of such social issues as social demography, the sociology of crime, and the sociology of drugs.

**Credit:** .5 unit

### **ECONOMICS OF SPORTS IA (CP)**

### **ECONOMICS OF SPORTS IB (CP)**

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This course is designed with the concept of developing into a sports marketing program for Spartanburg High School. After completing the classroom portion of the program (Economics in Sports IA) selected students will be provided the opportunity to advance to Economics in Sports IB for the next semester. During the 2nd semester course the students will be assigned to cover the sports in season at Spartanburg High School at that time. These students will cover the sports and promote them through all available social media platforms and develop marketing strategies to promote the sport. Coverage of ALL athletic teams at the high school will be emphasized. Upon completion Economics in Sport II students may seek internships in the field of Sport Management. To facilitate these internships Spartanburg High School and School District 7 will foster relationships with the athletic offices of the following institutions:

- The Southern Conference
- Wofford College
- University of South Carolina Upstate
- Converse College
- Spartanburg Methodist College

### **AFRICAN-AMERICAN HISTORY**

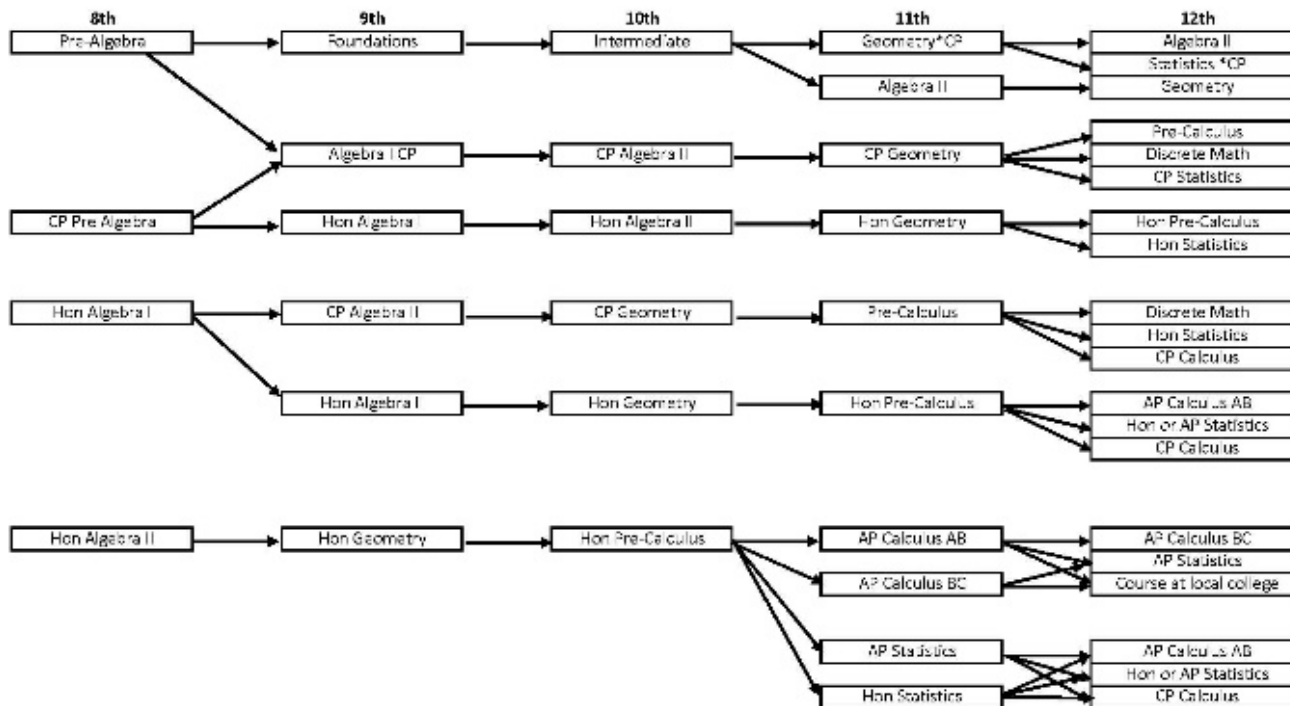
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This is a semester course that examines the history and culture of Africa and the African-American experience in an interdisciplinary format, including an analysis of the unique historical, cultural, and social developments from the Middle Passage to the present day. The course will address the literary and artistic contributions of African-Americans to American culture. Critical thinking, reading, writing, and oral presentation skills are emphasized.

**Credit:** .5 unit

# MATHEMATICS

Possible Math Paths in Middle and High School



\*\*Flow charts do not reflect all possible scenarios. Please contact your child's guidance counselor with specific questions.

## RECOMMENDED COURSES FOR GRADE 9

### FOUNDATIONS\*

**(This is a year-long single period course to help students)**  
This first semester course is intended for students to complete Algebra I. The following topics will be taught in depth: Linear Functions, Systems of Linear Equations, Quadratic Functions/Equations, Square Roots, Factoring Techniques, Polynomial Arithmetic, Rational Expressions, and Exponential Growth/Decay Applications. Students will be required to use a graphing calculator. **Upon the completion of this course, each student will take the Algebra 1 End of Course Examination which counts as 20% of the final grade for this course.**

**Credits:** 1 Math Unit/1 Math Elective Unit  
**Prerequisite:** Pre-Algebra or Math 8 Grade of 59 or below & iReady Math below 493

### CP ALGEBRA I

This course prepares students for more abstract algebraic thinking in freshman mathematics by performing problem solving techniques that are more intensive in preparation for Geometry and Algebra II. The following topics will be taught in depth: Linear Functions, Systems of Linear Equations, Quad-

atic Functions/Equations, Square Roots, Factoring Techniques, Polynomial Arithmetic, Rational Expressions, and Exponential Growth/Decay Applications. Students will be required to use a graphing calculator. **Upon the completion of this course, each student will take the Algebra 1 End of Course Examination which counts as 20% of the final grade for this course.**

**Credits:** 1 Unit  
**Prerequisites:** iReady Math 495-508 AND 76 average or higher in Pre-Algebra /Math 8  
**Next in Sequence:** CP Algebra II

### HONORS ALGEBRA I

Honors Algebra I is a rigorous course specifically designed for the mature student who has demonstrated exceptional ability in mathematics and who plans to continue his/her post-secondary education at a four-year college or university. This course is designed to provide the motivated math student with a strong background in algebraic concepts and processes. Topics include understanding and utilizing the processes of problem solving, reasoning, connections, and representations; the real number system, operations involving exponents, matrices, and algebraic expressions; relations and functions; procedures for writing and solving linear equations and inequalities; graphs and characteristic of linear equations and inequalities;

and quadratic relationships and functions. Students will be required to use a graphing calculator. **Upon the completion of this course, each student will take the Algebra 1 End of Course Examination, which counts as 20% of the final grade for this course.**

**Credits:** 1 Unit

**Prerequisites:** iReady Math above 510 AND 73 average or higher in Hon Pre-Algebra (80 or better preferred) OR Pre-Algebra 90 Avg

**Next in Sequence:** Honors Algebra II

***If a student was enrolled in Honors Algebra I in grade 8 and earned a grade of less than 80, the student is strongly encouraged to retake this course.***

## CP ALGEBRA II

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This course will provide students with an introduction to the system of real numbers through the presentation and study of the basic properties of real numbers. Students apply these basic concepts in the solution of equations and inequalities. The course also introduces linear equations and inequalities, their graphs, properties of lines, systems of linear equations and inequalities, methods of solving these systems, and their application to problem solving. CP Algebra II continues with a study of relations including their domains, ranges and graphs. It also introduces the concept of function, a special type of relation. Students will also study the laws of exponents, polynomials and factoring. In addition CP Algebra II will focus on rational expressions and their applications, radicals, and the set of complex numbers, quadratic relations, and systems. This course will conclude with logarithms and exponential functions.

**Credits:** 1 Unit

**Prerequisite:** below 73 average in Hon Algebra I Algebra I credit

**Next in Sequence:** CP Geometry

## Honors Mathematics

Guidelines for entering the honors program in mathematics from the regular college preparatory mathematics program:

1. The student must have earned a grade of 80 or above in each college preparatory math course taken.
2. The student must have approval from his current math teacher.
3. Administrative exceptions may be made.

## HONORS ALGEBRA IIA

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This standards-and-beyond course covers statements and proofs, equations and inequalities, relations and functions, linear systems, polynomials, factoring, and polynomial functions and equations. The course concludes with rational algebraic expressions. This course is offered only if there are sufficient numbers of qualified students.

**Prerequisite:** 73 average or above in Hon Algebra I and 75 or above on Algebra 1 EOCEP

**Credits:** 0.5 Math Unit

**Next in Sequence:** Honors Algebra II B

## HONORS ALGEBRA IIB

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This standards-and-beyond course focuses on a study of irrational numbers, the set of complex numbers, and quadratic equations, relations, and systems. The course concludes with logarithms and exponential functions. This course is offered only if there are sufficient numbers of qualified students.

**Prerequisite:** 73 average or above in Honors Algebra IIA and

75 or above on Algebra 1 EOCEP

**Credits:** 0.5 Math Unit

## HONORS GEOMETRY A

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This rigorous course incorporates a high level of analytical methods to prove geometric relationships. Strong emphasis is placed on deductive methods of proofs. Students must be strong problem solvers who can reason through given information to make valid conclusions with independence. The content of geometry includes basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons. Students will be required to use a graphing calculator.

**Credits:** 0.5 Math Unit

**Prerequisite:** 73 average or higher in Honors Algebra II

**Next in Sequence:** Honors Geometry B

## HONORS GEOMETRY B

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This course is a continuation of Honors Geometry B. Subjects covered: properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. The content is enhanced and enriched with the use of graphing calculators, hands-on activities, projects, strategies to improve PSAT/SAT/ACT math performance, and cooperative learning groups. Students will be required to use a graphing calculator.

**Credits:** 0.5 Math Unit

**Prerequisite:** 73 average or higher in Honors Algebra II

**Next in Sequence:** Honors Pre-Calculus or Pre-Calculus

\* Students may take AP Computer Science along with Honors Geometry

## RECOMMENDED COURSES FOR GRADES 10-12

### INTERMEDIATE ALGEBRA

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**(This is a year-long single period course to help students)**

This class is next in the sequence for students taking Foundations of Algebra, and completes the South Carolina Algebra I standards. Students will take the Algebra I End-of-Course exam at the end of the course.

**Prerequisite:** Foundations in Algebra

### GEOMETRY

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Geometry is a hands-on standards-based course designed to teach principles of geometry and their real-world applications. The content includes basic terminology, angles, triangles, trigonometry, parallel and perpendicular lines, quadrilaterals and other polygons, perimeter, and area and deductive proofs. Students use GeoGebra to explore geometrical relationships on the computer.

**Prerequisite:** Algebra I

### ALGEBRA II

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Algebra II is a hands-on standards-based course designed to allow students to discover and explore as they learn. Topics covered include linear functions, equations, inequalities, systems of equations and inequalities, quadratic functions, solving quadratic equations, roots, powers, radical expressions, and polynomial functions.

**Prerequisite:** Geometry A and B

## STATISTICS A(CP) STATISTICS A

Statistics A is a course designed to teach students to read and interpret graphs and calculate and explain measures of central tendency.

**Prerequisite:** Algebra I. Statistics A **IS NOT** a prerequisite for Statistics B.

**Credits:** 0.5 Math Unit

## STATISTICS B(CP) STATISTICS B

Statistics B is a study of probability and related topics.

**Prerequisite:** Algebra I. Statistics A **IS NOT** a prerequisite for Statistics B.

**Credits:** 0.5 Math Unit

## COLLEGE PREPARATORY MATHEMATICS

### ALGEBRA

#### ALGEBRA IIA (CP)

Algebra IIA is the first of two sequential standards-based semesters of intermediate algebra. This course provides an introduction to the system of real numbers through the presentation and study of some of the basic properties of real numbers. Students apply these basic concepts in the solution of equations and inequalities. The course also introduces linear equations and inequalities, their graphs, properties of lines, systems of linear equations and inequalities, methods of solving these systems, and their application to problem solving. The course continues with a study of relations including their domains, ranges and graphs and introduces the concept of function, a special type of relation. The course concludes with a study of the laws of exponents, polynomials and factoring.

**Prerequisite:** Algebra I

**Credits:** 0.5 Math Unit

#### ALGEBRA IIB (CP)

This standards-based course focuses on algebraic fractions and their applications, radicals, and the set of complex numbers, and quadratic relations, and systems. The course concludes with logarithms and exponential functions.

**Prerequisite:** Algebra I AND Algebra IIA

**Credits:** 0.5 Math Unit

### GEOMETRY

#### GEOMETRY A (CP)

An introduction to geometry, this standards-based course covers basic terminology, types of reasoning, formal proofs, angles, triangles, and space geometry. Students work with congruent triangles; apply inequalities to geometric concepts; use indirect proof; form the converse, inverse, and contrapositive of a statement; and work with parallel and perpendicular lines in a plane and with perpendicular lines and planes in space.

**Prerequisite:** Algebra I

**Credits:** 0.5 Math Unit

#### GEOMETRY B (CP)

This standards-based course is a study of polygons, constructions, ratio and proportion, similar triangles, and parallel lines and planes in space. Participants also study polygonal regions, circles and spheres, locus, plane coordinate geometry, and volumes of solids.

**Prerequisite:** Geometry A (CP)

**Credits:** 0.5 Math Unit

#### DISCRETE MATHEMATICS A (CP)

Discrete Mathematics A is a study of contemporary topics in mathematics including critical thinking to solve problems, numeration systems, set theory, logic theory, and matrices.

**Prerequisite:** Geometry AND Algebra II OR teacher recommendation. Discrete Mathematics A **IS NOT** a prerequisite for Discrete Mathematics B.

**Credits:** 0.5 Math Unit

#### DISCRETE MATHEMATICS B (CP)

Discrete Mathematics B includes the study of probability, counting methods, problem solving, graph theory, and consumer finance.

**Prerequisite:** Geometry AND Algebra II OR teacher recommendation. Discrete Mathematics A **IS NOT** a prerequisite for Discrete Mathematics B.

**Credits:** 0.5 Math Unit

### ADVANCED ALGEBRA AND TRIGONOMETRY

#### PRE-CALCULUS 1\*(CP)

A standards-based college preparatory course designed for the advanced mathematics student, this course represents sequences and progressions, binomial expansions, polynomial functions, matrices, conic sections, logarithms, inverse functions, and linear programming.

**Prerequisite:** Algebra II AND Geometry (A grade of C or above in each of these courses is recommended.)

**Credits:** 0.5 Math Unit

#### PRE-CALCULUS 2\* (CP)

A standards-based college preparatory course designed for the advanced mathematics student. It is a study of circular and trigonometric functions, fundamental relations and identities, trigonometric formulas, graphing of circular functions, solving trigonometric equations, and solving triangles.

**Prerequisite:** Two (2) semesters of Algebra II AND two (2) semesters of Geometry (A grade of C or above in each of the prerequisite courses is recommended.)

**\*Calculator required in this course.**

**Credits:** 0.5 Math Unit

### ADVANCED COLLEGE PREPARATORY MATHEMATICS (HONORS)

#### Honors Mathematics

Guidelines for entering the honors program in mathematics from the regular college preparatory mathematics program:

1. The student must have earned a grade of 85 or above in each college preparatory math course taken.
2. The student must have approval from his current math teacher.
3. Administrative exceptions may be made.

#### HONORS ALGEBRA IIA

This standards-and-beyond course covers statements and proofs, equations and inequalities, relations and functions, linear systems, polynomials, factoring, and polynomial functions and equations. The course concludes with rational algebraic expressions. This course is offered only if there are sufficient numbers of qualified students.

**Credits:** 0.5 Math Unit



## HONORS ALGEBRA IIB

---

This standards-and-beyond course focuses on a study of irrational numbers, the set of complex numbers, and quadratic equations, relations, and systems. The course concludes with logarithms and exponential functions. This course is offered only if there are sufficient numbers of qualified students.

**Credits:** 0.5 Math Unit

## HONORS GEOMETRY A

---

This rigorous course incorporates a high level of analytical methods to prove geometric relationships. Strong emphasis is placed on deductive methods of proofs. Students must be strong problem solvers who can reason through given information to make valid conclusions with independence. The content of geometry includes basic geometric figures; properties of triangles; properties of quadrilaterals and other polygons. Students will be required to use a graphing calculator.

**Prerequisite:** 73 average or higher in Honors Algebra II

**Credits:** 0.5 Math Unit

## HONORS GEOMETRY B

---

This course is a continuation of Honors Geometry B. Subjects covered: properties of circles, lines, and special segments intersecting circles; transformations; coordinate geometry; vectors; surface area and volume of three-dimensional objects. The content is enhanced and enriched with the use of graphing calculators, hands-on activities, projects, strategies to improve PSAT/SAT/ACT math performance, and cooperative learning groups. Students will be required to use a graphing calculator.

**Prerequisite:** 73 average or higher in Honors Geometry A

**Credits:** 0.5 Math Unit

## HONORS PRE-CALCULUS\*

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Honors Pre-Calculus is a two-semester course that goes beyond state standards and emphasizes an analysis of functions to include polynomial, rational, exponential, logarithmic, and trigonometric functions. It also reinforces and expands the student's geometric and algebraic skills and utilizes technology that includes graphing calculators and computers.

**Prerequisite:** A grade of 73 or better in **both** Honors Algebra II and Honors Geometry.

**\*Calculator required in this course.**

## HONORS STATISTICS

---

The Honors Statistics course is the study of data. Students examine data distributions and relationships. Students produce and interpret their own data using statistical methods of inference. A graphing calculator is required for this course.

**Prerequisite:** Advanced Algebra **AND** Trigonometry **OR** Honors or CP Pre-Calculus.

## AP MATHEMATICS

### AP CALCULUS AB\*

---

This two-semester course is based on the prescribed syllabus of the Advanced Placement Program. Topics include limits, derivatives, optimizations, related rates, anti-derivatives, and area under curves. The AP exam **MUST** be taken by every student in this course. The exam fee will be paid by the state.

**Prerequisite:** Appropriate background in Math **AND** teacher approval. A grade of B or better in Pre-calculus is strongly recommended.

**Credits:** 1 Math Unit

### AP CALCULUS BC\*

---

This two-semester course is based on the prescribed syllabus of the Advanced Placement Program. Topics include those taught in AP Calculus AB plus polar graphs, sequences and series, vector functions, and more advanced anti-derivative techniques. The AP exam **MUST** be taken by every student in this course. The exam fee will be paid by the state.

**Prerequisite:** AP Calculus AB **OR** a grade of B or better in Honors Pre-Calculus.

**Credits:** 1 Math Unit

### AP STATISTICS\*

---

This two-semester course is based on the prescribed syllabus of the Advanced Placement Program. Topics include exploratory analysis, planning data production, probability, and statistical inference. The AP exam **MUST** be taken by every student in this course. The exam fee will be paid by the state.

**Prerequisite:** Honors Pre-Calculus **OR** teacher recommendation.

**\*Graphing calculator required in this course.**

**Credits:** 1 Math Unit

## DUAL CREDIT – SPARTANBURG COMMUNITY COLLEGE

### MAT 110 - COLLEGE ALGEBRA

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This course includes the following topics: polynomial, rational, logarithmic, and exponential functions; inequalities; systems of equations and inequalities; matrices; determinants; and solutions of higher degree polynomials.

Prerequisite(s): Minimum 3.0 GPA in previous CP and higher math classes; PRECALCULUS or HON ALGEBRA 2.

### MAT 111 - COLLEGE TRIGONOMETRY

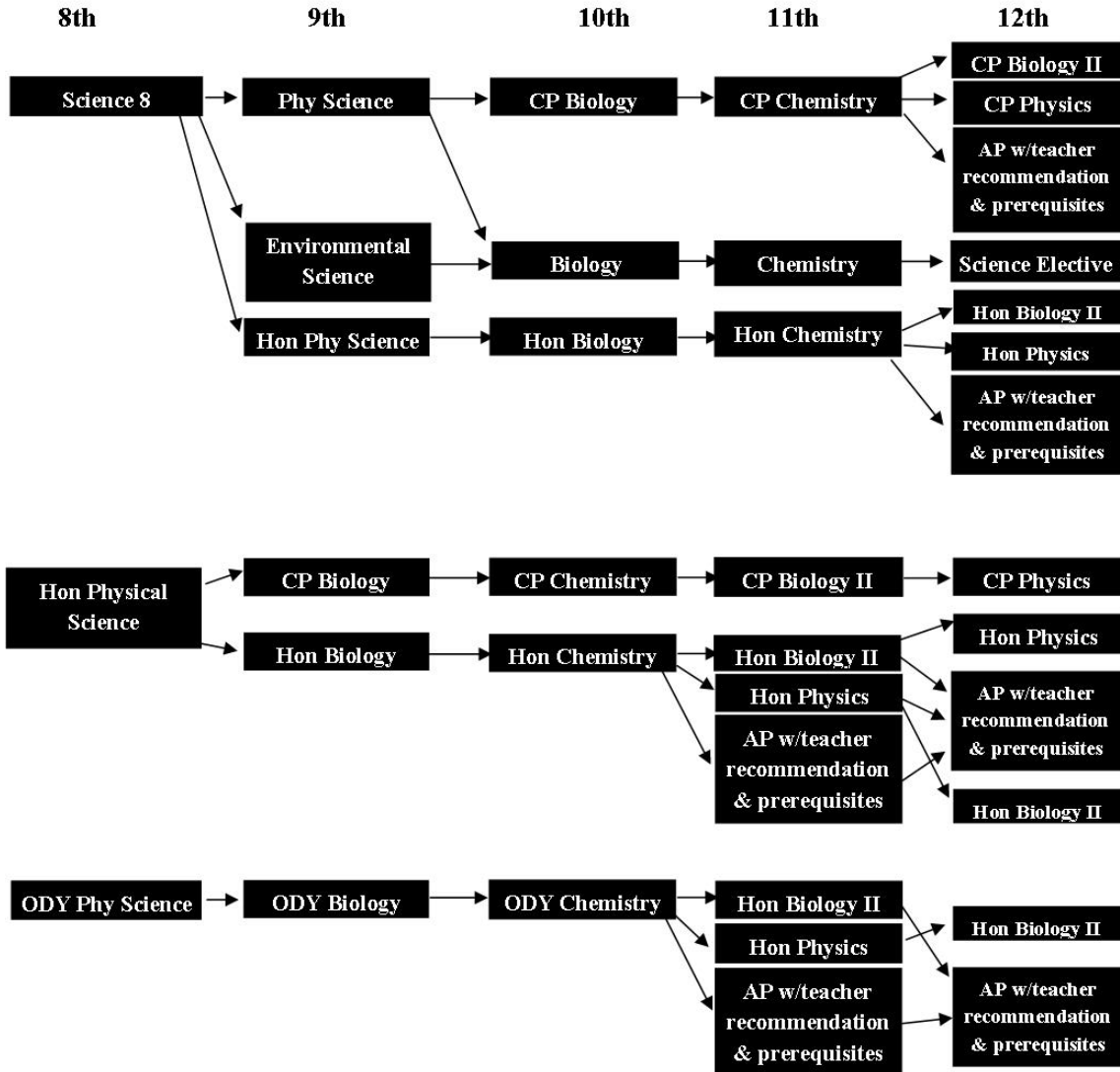
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This course includes the following topics: trigonometric functions; trigonometric identities; solution of right and oblique triangles; solution of trigonometric equations; polar coordinates; complex numbers, including DeMoivre's Theorem; vectors; conic sections; and parametric equations. (Prerequisite: College Algebra)

**Prerequisite(s):** Take MAT 110 with a 77 or higher.

# SCIENCE

## Possible Science Paths in Middle and High School



**\*\* Flow charts do not reflect all possible scenarios. Please contact your child's guidance counselor with specific questions.**

### *Instructions for selecting Science courses*

1. Please see Science requirements for promotion and graduation on pages 65.
2. Please see S.C. college requirements for Science on pages 66.
3. Ody/Hon placement will be reviewed by the Odyssey counselor.

## RECOMMENDED COURSES FOR GRADE 9

### INTEGRATED SCIENCE

Integrated Science is the study of biology, chemistry, earth, ecology, and physics. These topics are integrated, showing how all components work together to sustain life. It is a combined study of all areas of the sciences and/or the introduction of some areas of science. Students will also incorporate skills from other disciplines (math, English, and social studies). This course is intended for those who need to polish their skills in the above areas. **This course will not count as a lab science required by state supported colleges and universities.**

**Credit:** 1 Unit  
**Credits:** 1 Unit  
**Next Sequence:** Biology I

### CP PHYSICAL SCIENCE

Physical Science provides an introduction to the basic principles of chemistry and physics while establishing a foundation for successive science courses. It is specifically designed for the college bound student or for preparation for entry into a technical field. This is a course with an emphasis placed on laboratory participation. Mathematics will also be emphasized. Topics include inquiry, the study and classification of matter, atomic theory, naming and writing formulas for chemical compounds, writing chemical equations, nuclear chemistry, motion, forces, energy, waves and electricity. **This course will not count as a lab science required by state supported colleges and universities.**

**Credit:** 1 Unit  
**Pre-requisite:** 70-89 average grade for ELA 8  
**Next in Sequence:** Biology I

### HONORS PHYSICAL SCIENCE

Honors Physical Science provides an introduction to the basic principles of chemistry and physics while establishing a foundation for successive science courses. This honors level course is designed to teach the basic concepts of chemistry and physics while challenging students to use higher order thinking skills to solve problems. Chemistry topics will include atomic theory, properties and classification of matter, chemical bonding and reactions. Physics topics will include interactions of matter and energy, motion, forces, energy, waves, and electricity. Due to the rigor of the course, students should have strong reading comprehension and computational skills. This course prepares students for future Honors and AP science courses. **Honor level students who do not meet SC criteria for academically gifted and talented will be placed in this course. This course will not count as a lab science required by state supported colleges and universities.**

**Credits:** 1 Unit  
**Prerequisite:** 90 average of higher in Science 8  
73 average or higher in Honors Science 8  
85 average or higher in ELA 8  
**Co-requisite:** Algebra I CP  
**Next in Sequence:** Honors Biology

### CP BIOLOGY I

This introductory biology course emphasizes problem solving, decision-making, critical thinking, and application learning. It is designed for college students wishing to pursue a 4-year college degree. Topics include cell structure/function, molecular

basis of heredity, biological evolution, interdependence of organisms, and matter/energy/organization of living systems. Additional topics include biochemistry, cells, the cell cycle, cellular energy, structure and function of DNA and RNA, heredity, evolution, and ecology. Live animal studies and dissections of preserved specimens are included in this course. Major topics are enhanced by laboratory experience and this course will meet the lab science requirement for state supported colleges and universities. **A state-adopted end-of-course test will be administered and will count 20% of the final grade.**

**Credits:** 1 Unit  
**Prerequisite:** 73 average or lower in Hon Alg I  
73 average or lower in Hon Phy Sci  
**Next in Sequence:** Chemistry

### HONORS BIOLOGY I

This course is an accelerated, lab-oriented introduction to biology for highly motivated students who have demonstrated excellent study skills and high aptitude in Mathematics and English. Topics include cell structure/function, the molecular basis of heredity, biological evolution, the interdependence of organisms, and matter/energy/organization of living systems. Additional topics include biochemistry, cells, the cell cycle, cellular energy, structure and function of DNA and RNA, heredity, evolution, and ecology. Major topics are enhanced by laboratory experience and this course will meet the lab science requirement for state-supported colleges and universities.

This course prepares students for future Honors and AP courses. This course will contribute one unit of lab science. In addition, students will integrate writing skills, critical thinking skills, and lab skills. **Honor level students who do not meet SC criteria for academically gifted and talented will be placed in this course. A state-adopted end-of-course test will be administered and will count 20% of the final grade.**

**Credits:** 1 Unit  
**Prerequisites:** 73 average or higher in Hon Phy Sci  
& Honors Algebra 1  
85 average or higher in ELA 8  
**Next in Sequence:** Honors Chemistry

### ODYSSEY BIOLOGY I

This course is an accelerated, lab-oriented introduction to biology for highly motivated students who have demonstrated excellent study skills and high aptitude in Mathematics and English. Topics include cell structure/function, the molecular basis of heredity, biological evolution, the interdependence of organisms, and matter/energy/organization of living systems. Additional topics include biochemistry, cells, the cell cycle, cellular energy, structure and function of DNA and RNA, heredity, evolution, and ecology. Major topics are enhanced by laboratory experience and this course will meet the lab science requirement for state-supported colleges and universities.

This course prepares students for future Honors and AP courses. This course will contribute one unit of lab science. In addition, students will integrate writing skills, critical thinking skills, and lab skills. **Honor level students who meet SC criteria for academically gifted and talented will be placed in this course. A state-adopted end-of-course test will be administered and will count 20% of the final grade.**

**Credits:** 1 Unit  
**Prerequisites:** 73 average or higher in Honors Physical Science & Honors Algebra 1  
**Next in Sequence:** Odyssey Chemistry

## RECOMMENDED COURSES FOR GRADES 10-12

### BIOLOGY

#### BIOLOGY I (CP)

This yearlong standards-based course covers topics in ecology, cell biology, genetics, evolution, and biodiversity. The course is designed for students who will pursue a 4-year college degree. Students will take a standardized End-of-Course Test in May. The End-of-Course Test will count for 20% of the grade in the course. This course will contribute one unit of lab science.

**Prerequisite:** iReady Reading 592-642

**Credit:** 1 unit

#### BIOLOGY I\*CP

This yearlong standards-based course covers topics in ecology, cell biology, genetics, evolution, and biodiversity. The course is designed for students who will pursue a technical career or a degree at a technical college. Students will take a standardized End-of-Course Test in May. The End-of-Course Test will count for 20% of the grade in the course. This course will contribute one unit of lab science.

**Credit:** 1 unit

#### HONORS BIOLOGY I (HON)

This course is an accelerated, lab-oriented introduction to biology for highly motivated students who have demonstrated excellent study skills and high aptitude in Mathematics and English. Topics include cell structure/function, the molecular basis of heredity, biological evolution, the interdependence of organisms, and matter/energy/organization of living systems. Additional topics include biochemistry, cells, the cell cycle, cellular energy, structure and function of DNA and RNA, heredity, evolution, and ecology. Major topics are enhanced by laboratory experience and this course will meet the lab science requirement for state-supported colleges and universities.

This course prepares students for future Honors and AP courses. This course will contribute one unit of lab science. In addition, students will integrate writing skills, critical thinking skills, and lab skills. *Honor level students who meet SC criteria for academically gifted and talented will be placed in this course. A state-adopted end-of-course test will be administered and will count 20% of the final grade.*

**Prerequisite:** iReady Reading above 647 and C-average

**Credit:** 1 unit

#### BIOLOGY IIA (CP)

A laboratory-based course going beyond the content of Biology I in areas to include zoology and human anatomy. This course will explore the characteristics of different animal phyla and complex human systems using a variety of instructional strategies including laboratory experiments, dissections and projects. This is a one-semester class and will contribute one-half unit of science.

**Prerequisite:** Biology I (CP) OR Biology I Honors/ Odyssey

#### BIOLOGY IIB (CP)

A laboratory-based course going beyond the content of Biology I in areas to include genetics and microbiology. This course will explore the characteristics of microbes and genetic inheritance using a variety of instructional strategies including laboratory experiments, microscopy, and projects. This is a one semester class and will contribute one half unit of science.

**Prerequisite:** Biology I (CP) OR Biology I Honors/ Odyssey

### BIOLOGY IIA

A laboratory-based course going beyond the content of Biology I in areas to include zoology and human anatomy. This course will explore the characteristics of different animal phyla and complex human systems using a variety of instructional strategies including laboratory experiments, dissections and projects. This is a one semester class and will contribute one half unit of science.

**Prerequisite:** Biology I OR Biology I (CP)

### BIOLOGY IIB

A laboratory-based course going beyond the content of Biology I in areas to include genetics and microbiology. This course will explore the characteristics of microbes and genetic inheritance using a variety of instructional strategies including laboratory experiments, microscopy, and projects. This is a one semester class and will contribute one half unit of science.

**Prerequisite:** Biology I OR Biology I (CP)

### FORENSIC SCIENCE

The focus of this year-long course will be using science to solve crimes. Forensic science techniques will be introduced, including crime scene processing, types of evidence, chemical analysis, microscopic analysis, toxicology, serology, DNA analysis, fingerprint analysis, impression analysis, and document analysis (including handwriting and ink analysis). Forensic pathology and anthropology will also be introduced. Students will learn about each technique and practice or simulate the technique in the laboratory setting as well as examine real cases. This course carries one credit of lab science.

**Prerequisites:** CP, Hon, or Ody Biology I AND CP, Hon, OR Ody Chemistry I

**Credit:** 1 unit

### HONORS FORENSIC SCIENCE

The focus of this year-long course will be using science to solve crimes. Forensic science techniques will be introduced, including crime scene processing, types of evidence, microscopic analysis, toxicology, serology, DNA analysis, fingerprint analysis, impression analysis, document analysis (including handwriting and ink analysis), forensic pathology and forensic anthropology will also be introduced. Students will learn about each technique and practice or simulate the technique in the laboratory setting as well as examine real cases. The Honors Section includes more in-depth projects, student-driven experiments, and increased rigor. Students should be prepared to think outside of the box and go beyond the standards for this course. This course carries 1 unit of lab science credit.

**Prerequisites:** CP, Hon, or Ody Biology 1 and CP, Hon, or Ody Chemistry 1.

**Credit:** 1 unit

### MARINE SCIENCE

Marine Science explores and promotes an awareness of coastal and marine systems. This includes physical, chemical, geological and biological aspects of marine environments, as well as interrelationships and environmental concerns within the ocean ecosystems. Students will explore these areas using a variety of instructional strategies including laboratory experiments, dissections and projects. This course counts as half of a lab science. This is a one-semester class that is offered both semesters.

**Credit:** .5 unit

## **HONORS BIOLOGY II- GENETICS (HON)**

Students will study the basis for genetics, and then investigate genetic inheritance, genetic disorders, how genes interact with environment, behavioral genetics, and biotechnology and genetic engineering. This course is offered both 1<sup>st</sup> and 2<sup>nd</sup> semesters.

**Prerequisite:** Biology I Hon/Ody OR Biology I CP (not CP\*) with teacher recommendation.

**Credit:** .5 lab science credit

## **HONORS BIOLOGY II- INVERTEBRATE/ VERTEBRATE ZOOLOGY (HON)**

Students will learn about all groups of the Animal kingdom in depth in this course. Emphasis is placed on taxonomy, evolution, comparative anatomy, adaptations and habitats. Dissection of all animal groups is required.

**Prerequisite:** Biology I Hon/Ody OR Biology I CP (not CP\*) with teacher recommendation.

**Credit:** 1 lab science credit

## **HONORS BIOLOGY II- MICROBIOLOGY (HON)**

Students will investigate the various types of microbes to include bacteria, viruses, protists, fungi, and parasitic worms. Emphasis will be placed on organisms that cause human disease, and how microbes affect our daily lives. Students will learn to culture and stain bacteria and observe under the microscope. This course is offered both 1<sup>st</sup> and 2<sup>nd</sup> semesters.

**Prerequisite:** Biology I Hon/Ody OR Biology I CP (not CP\*) with teacher recommendation.

**Credit:** .5 lab science credit

## **HONORS BIOLOGY II- HUMAN ANATOMY/PHYSIOLOGY (HON)**

Students will learn in depth about human body parts & systems and how they function and interact as a whole in this course.

**Prerequisite:** Biology I Hon/Ody OR Biology I CP (not CP\*) with teacher recommendation and Chemistry I.

**Credit:** 1 lab science credit

## **FOUNDATIONS OF PUBLIC HEALTH CP**

In this new year-long course, students will be introduced to the field of public health. Students will investigate chronic and infectious disease issues, jobs in this field, the public health approach to solving issues, epidemiology (outbreak investigation), public health preparedness and response and how lifestyle and environmental factors affect public health.

**Prerequisite:** Biology I Hon/Ody/CP

**Credit:** 1 elective credit

## **CHEMISTRY**

### **HONORS CHEMISTRY I ODYSSEY CHEMISTRY**

Reaching beyond the state Chemistry standards in scope and sequence, these courses consist of two semesters of Advanced College Prep Chemistry. Theory and mathematical applications are emphasized in both courses, which prepare students for Advanced Placement Sciences. Students who do not meet SC criteria for academically gifted and talented are placed in HON CHEM IA/HON and HON CHEM IB/HON. A scientific calculator is required. This course will contribute one unit of lab science.

**Prerequisite:** Honors Algebra I OR Algebra II

**Co-requisite:** Algebra II OR Geometry

## **CHEMISTRY I (CP)**

This standards-based laboratory course emphasizes problem solving skills and mathematical applications and is designed for students who will pursue a 4-year college degree. A scientific calculator is required. This course will contribute one unit of lab science.

**Prerequisite:** Algebra I, Chemistry IA is a prerequisite for Chemistry IB

**Co-requisite:** Algebra II OR Geometry

## **CHEMISTRY I\*CP**

This standards-based laboratory course emphasizes problem solving skills and mathematical applications. The course is designed for students pursuing a technical career or a degree at a technical college. This course will contribute one unit of lab science.

**Prerequisite:** Chem IA is a prerequisite for Chem IB

**Co-requisite:** Algebra I

## **EARTH SCIENCE**

*Earth Science is the laboratory based study of geology, hydrology, marine science, astronomy, and atmospheric science. Concepts include plate tectonics, paleobiology, solar system formation, stars and galaxies, fresh water and marine systems, coastal formation, weather systems, and natural catastrophic events. The honors level requires more complex data analysis and more comprehensive research to develop evidence-based scientific arguments. **It is strongly recommended that students planning to pursue a STEM college pathway take Earth Science.***

## **EARTH SCIENCE CP**

This laboratory-based course aids in providing the inquiry skills that the student will use in science & engineering practices. In this course, the student will explore the Earth's history, astronomy, energy resources, hydrology, meteorology, physical geography, sustainability, and the forces that shape the Earth's surface and our environment. It is strongly recommended that students planning to pursue a STEM college pathway take Earth Science. This course will contribute 1 unit of lab science.

**Prerequisite:** Algebra 1, Biology 1, Chemistry 1

**Co-requisite:** Algebra 2

## **HONORS EARTH SCIENCE**

This laboratory-based course aids in providing the inquiry skills that the student will use in science & engineering practices. In this course, the student will explore the Earth's history, astronomy, energy resources, hydrology, meteorology, physical geography, sustainability, and the forces that shape the Earth's surface and our environment. It is strongly recommended that students planning to pursue a STEM college pathway take Earth Science. The honors level requires more complex data analysis and more comprehensive research to develop evidence-based scientific arguments. This course will contribute 1 unit of lab science.

**Prerequisite:** Algebra 2, Biology 1, Chemistry 1

**Co-requisite:** Pre-Calculus

## **PHYSICS**

### **PHYSICS I (CP)**

Two semesters of standards-based laboratory science emphasizing mathematical applications for students who will pursue a 4-year college degree. Students are required to have a scientific calculator. This course will contribute one unit of lab science.

**Prerequisite:** Algebra I AND one higher math course, Alg 2 or Geom, Chem I CP, Physics IA is a prerequisite for Physics IB  
**Co-requisite:** Algebra II OR Geometry OR Trigonometry

### **HONORS PHYSICS (HON)**

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Two semesters of standards-based laboratory science emphasizing mathematical applications for students who will pursue a 4-year college degree. Students are required to have a scientific calculator. This course will contribute one unit of lab science.

**Prerequisite:** Algebra I AND Algebra 2

**Co-requisite:** Geometry OR Trigonometry

### **AP SCIENCE**

*All Advanced Placement Science courses are based on guidelines from the College Board's Advanced Placement Program. Each course follows a College Board approved syllabus. The AP exam **MUST** be taken by every student in the course. The exam fee will be paid by the state.*

### **AP BIOLOGY**

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The AP Biology course is designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. After showing themselves to be qualified on the AP Exam, some students, in their first year of college, are permitted to take upper-level courses in biology or register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory-science course and will be able to undertake other courses to pursue their majors. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Open to students in grades 11 and 12 who have teacher approval, this two-semester sequential course meets two periods per day to accommodate the College Board required labs. This course will contribute 2 units of lab science.

**Prerequisite:** Hon/Ody Biology I OR Biology I CP with teacher recommendation AND Hon/Ody Chemistry I OR Chemistry I CP with teacher recommendation

### **AP CHEMISTRY**

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The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their first year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course should contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Open to students in grades 11 and 12 who have teacher approval, this two-semester sequential course meets two periods per day to accommodate the College Board required labs. This course will contribute 2 units of lab science. Scientific calculator required.

**Prerequisite:** Hon/Ody Chemistry I OR Chemistry I CP with teacher recommendation

**Co-requisite:** Hon Pre-Calculus

### **AP ENVIRONMENTAL SCIENCE**

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The AP Environmental Science course is designed to be the equivalent of a one semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Open to students in grades 11 and 12 who have teacher approval, this two-semester sequential course meets one period per day. This course will contribute 1 unit of lab science.

**Prerequisite:** Hon/Ody Biology I OR Biology I CP with teacher recommendation AND Hon/Ody Chemistry I OR Chemistry I CP with teacher recommendation; Algebra II

### **AP PHYSICS 1**

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The AP Physics B1 course includes topics in classical physics, such as Kinematics and Newtonian Mechanics. Basic circuitry will also be introduced. This course is meant to be the equivalent of one semester of a college physics course. A knowledge of algebra and basic trigonometry is required for the course. An understanding of the basic principles involved and the ability to apply these principles in the solution of problems are the major goals of the course. Consequently, the course utilizes guided inquiry and student-centered learning to foster the development of critical thinking skills. Open to students in grades 11 and 12 who have teacher approval, this two-semester sequential course meets one period per day. This course will contribute 1 unit of lab science.

**Prerequisite:** Algebra II AND Geometry AND Chemistry I AND Trigonometry

**Co-requisite:** Pre-Calculus

# WORLD LANGUAGES

## FRENCH

- The opportunity to study French is available to all students at Spartanburg High School.
- The French courses offered at Spartanburg High School support the national and state World Language standards.
- French I is intended for beginners or for students who do not have a unit of French.
- French II is intended for students who have completed French I or its equivalent at the middle school level.
- French III is for students who have earned 2 units of French.
- Honors French 10 is for students who wish to take an Honors level third-year course, or who plan to continue their language study past the third year. After taking Honors French 10, students may continue to Honors French 11 and take AP French Language or Honors French 12 the following year.

## FRENCH I

Units of study in this standards-based course include the themes of friends and family, school life, activities and free time, and community. Emphasis is placed on the use of authentic materials to develop listening, speaking, reading, and writing fluency. It also familiarizes them with some cultural aspects of the French-speaking world.

**Prerequisite:** None for French IA, Successful completion of [French IA](#) for IB

## FRENCH II

Units of study in this standards-based course include the themes of Who Am I?; How Have I Changed?; What Are My Choices?; and Where Am I Going? Emphasis is placed on the use of authentic materials to develop listening, speaking, reading, and writing fluency. Students review and expand vocabulary and structure learned in French I and begin to apply the language in real-life situations and continue their study of cultural aspects of the francophone world.

**Prerequisite:** Successful completion of [French IB](#) for IIA, Successful completion of [French IIA](#) for IIB

## FRENCH III

Units of study in this standards-based course include the themes of Health and Fitness, My Surroundings, Fashion, and Vacation and Travel. Emphasis is placed on the use of authentic materials to develop listening, speaking, reading and writing fluency. Students learn more vocabulary and more complex structures to enhance their language usage. Students also study more in-depth cultural aspects of the French speaking world.

**Prerequisite:** Successful completion of [French IIB](#) for IIIA, or [9<sup>th</sup> Grade French](#). Successful completion of [French IIIA](#) for IIIB

## ADVANCED/HONORS/AP

### ADVANCED FRENCH II

Students enrolled in this standards based course have successfully completed Advanced French I in middle school. With emphasis on the use of authentic material, Advanced French II College Preparatory provides students with opportunities to continue the development of their listening, speaking, reading and writing skills through interpretive, interpersonal and presentational tasks. Themes include: travel, healthy living, city and country life, holidays, social etiquette, and professions. Students will expand their writing skills in various categories (e.g. explanatory, persuasive, etc.) and on various topics. Students will improve their communication skills to be able to satisfy basic survival needs and interact on the issues of everyday life and topics relative to the target culture(s). Finally, students will develop a better understanding of cultures and languages by observing influences of the target culture(s) and making comparisons to their own.

**Credits:** 1 Unit

**Prerequisites:** 80 or better in French I and/or teacher recommendation

### HONORS FRENCH 10

Units of study in this standards-based course include the themes of Travel, Young Lifestyles, Music, and Multiculturalism. Emphasis is placed on the use of authentic materials to develop listening, speaking, reading and writing fluency. Students will further their study of advanced structure and composition and will continue their study of French culture through reading, watching French videos, listening to French music, and visiting sites on the Internet.

**Prerequisite:** Grade of 73 or above in [Advanced French 2 \(9<sup>th</sup> Grade French\)](#) **AND** teacher recommendation for 10 A, [Honors French Honors 10 A](#) for 10 B

### HONORS FRENCH 11

This standards-based course focuses on developing advanced reading and composition skills, while continuing to provide practice in listening and speaking. Units of study in this course include the themes of Challenges of the Modern World, Cultural Diversity and National Identity, French Cinema, and Evolving Relationships. Emphasis is placed on the use of authentic materials to develop listening, speaking, reading, and writing fluency. Included in these materials are major French novels, short stories, plays, and poetry from the Middle Ages to the 20th century, as well as music, art, and cinema. Structure is reviewed as warranted, while continuing to provide practice in listening, personal expression, reading comprehension, and composition.

**Prerequisite:** Grade of 73 or above in [Honors French 10B](#) for 11A, [Honors French Honors 11A](#) for 11B

## GERMAN

- The opportunity to study German is offered to all students at Spartanburg High School.
- The German courses offered at Spartanburg High School support the national and World Language standards.

### GERMAN I

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This standards-based beginning course emphasizes practical communication skills helping students become proficient in listening, speaking, reading and writing German. Units of study include Who Am I/Who Are You, FreeTime, Clothing/Fashion, and Home Life. Students will gain an initial glimpse into the culture of the three main German-speaking countries--Germany, Austria, and Switzerland.

### GERMAN II

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This standards-based course reinforces vocabulary and structural concepts learned in Level 1 and new concepts are introduced through reading, writing and speaking. Units of study include Vacation & Travel, Staying Fit, My surroundings, and narrating events in past tense. Insights into the history and culture of the German-speaking peoples are provided from readings and videos.

**Prerequisite:** [German I](#)

## HONORS

### GERMAN III (Honors)

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This standards-based course continues the study of the German language and the culture of the German-speaking countries through reading, watching German videos, listening to German music, and visiting sites on the Internet. Structure is reviewed as warranted, while continuing to provide practice in listening, personal expression, reading comprehension, and composition.

**Prerequisite:** [German I and II](#)

## LATIN

- The opportunity to study Latin is offered to all students at Spartanburg High School.
- The Latin course offered at Spartanburg High school support the national and state World Languages standards.

### LATIN I

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Emphasizing the influence of Roman life, language, literature, and institutions on the development of our culture, this two-semester standards based course introduces the study of Latin structure and focuses on vocabulary and sentence building.

## SPANISH

- The opportunity to study Spanish is offered to all students at Spartanburg High School.
- The Spanish courses offered at Spartanburg High School support the national and state World Language standards.
- Spanish I is intended for beginners or for students who do not have a unit of Spanish.
- Spanish II is intended for students who have completed Spanish I or its equivalent.
- Advanced Spanish II is intended for students who have an 80 or above in Advanced Spanish I at the middle school.

## SPANISH I

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This standards-based course introduces students to the use of simple Spanish for everyday situations. Units of study include Introductions, Friends, Family, and School life. It also familiarizes them with some cultural aspects of the Spanish speaking world.

**Prerequisite:** Successful completion of IA to take IB.

## SPANISH II

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This standards-based course emphasizes communication, expression and cultural aspects of the Spanish speaking world. Units of study include: My Friends and I; Going on a Trip; Staying Healthy; Going Shopping; Legends and Stories; and Food.

**Prerequisite:** Successful completion of Spanish I; for IIB successful completion of IIA.

## ADVANCED SPANISH II

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This standards-based course for Spanish II students offers the opportunity to learn the material more in depth and at an accelerated pace and continue their study at the Honors Level.

**Prerequisite:** Advanced Spanish I **OR** "A" average in Spanish I CP **AND** Teacher Recommendation.

## SPANISH III

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This standards-based course is a continuation of the previous courses with its emphasis on speaking. Units of study include: A Busy Life; Enjoying the Outdoors; Volunteers in the Community; The Future of our Planet; Professions; Leisure Activities; and Where Do We Live? Students learn more vocabulary and more complex structures to enhance their language usage. Students also study more in-depth cultural aspects of the Spanish speaking world.

**Prerequisite:** Successful completion of Spanish II; for IIIB successful completion of IIIA.

## HONORS/AP

### HONORS SPANISH III

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This standards-based course for Spanish III students offers the opportunity to learn the material more in depth and at an accelerated pace to continue their study at the Honors Level. It includes the study of more advanced language structures and idiomatic expressions with emphasis on speaking and writing for practical purposes. Included also in this course are readings of Hispanic newspapers, magazines, and adaptations of literature.

**Prerequisite:** 73 or above in [Advanced Spanish II](#), demonstrated proficiency, **AND** teacher recommendation.

### HONORS SPANISH IV

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This course is based on the prescribed syllabus of the Advanced Placement Program. Honors IV students will take a separate exam. Every student in AP must take the AP exam which is paid for by the state.

**Prerequisite:** 73 in Honors Spanish III **and** teacher approval.

### AP SPANISH LANGUAGE IV

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This course is based on the prescribed syllabus of the Advanced Placement Program. Every student in AP must take the AP exam which is paid for by the state. Designed for qualified seniors, this course is a study of stylistics, advanced structure, composition, and culture. They will develop vocabulary sufficient for reading from a variety of sources, as well as writing,



without the use of a dictionary. The students will develop skills in expression with reasonable fluency and accuracy in written and spoken Spanish. The AP exam MUST be taken by every student in this course.

**Prerequisite:** Grade of 73 or above in Hon Spanish III **and** teacher recommendation for AP.

## CHINESE

- The opportunity to study Chinese is offered to all students at Spartanburg High School.
- The Chinese courses offered at Spartanburg High School support the national and state World Languages standards.

## CHINESE I

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This standards-based course introduces students to the use of simple Chinese for everyday situations. It also familiarizes them with some cultural aspects of the Chinese speaking world.

## CHINESE II

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In this standards-based two-semester Chinese II course, the emphasis is placed on speaking Mandarin Chinese in the real life situations as well as reading and writing simple Chinese characters. The course work involves: a) speaking Mandarin Chinese and b) more intensive reading and writing simple Chinese characters DAILY. A field trip to a local Chinese restaurant will be included as a part of our final exam.

**Prerequisite:** successfully complete Chinese I / Pass the exam for reading and writing Chinese characters.

## CHINESE III

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This standards-based Chinese Level 3 course focuses on reading and writing skills. This course also emphasizes the use of authentic materials and real-life situations to help students master basic communication skills and experience Chinese culture and celebrations. A well-rounded learning experience is the platform for this advanced Chinese level three course. Chinese music, opera, movies, drama, theater arts, Chinese paper-cutting arts, Chinese calligraphy and fun field trips are embedded in our curriculum to enrich students' learning experience.

**Prerequisite:** Chinese IIA and B and teacher recommendation. Native Chinese speakers may test into Chinese 3 without completion of Chinese II- see the Chinese teacher for details.

## DUAL CREDIT – SPARTANBURG COMMUNITY COLLEGE

### ASL101 AMERICAN SIGN LANGUAGE

### ASL102 AMERICAN SIGN LANGUAGE

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American Sign Language are a four credit hour dual enrollment courses offered at Spartanburg High School taught by a Spartanburg Community College Professor. Students will receive dual credit weighting for this course. Topics to include: Culturally appropriate behaviors for interacting in the Deaf community, Differences between ASL and English, including sentence structure, verb types, pronouns and classifiers, Fingerspelling and numbers (to 100), Introductions and exchanging personal information including school, work, family, friends, daily activities, Storytelling and ASL Literature, Influential Deaf leaders in history and the present; and Cultural beliefs, attitudes, and social norms that influence interactions in the Deaf community.

**Prerequisite:** Must meet SCC admission requirements  
See a counselor to register

## **CAREER AND TECHNOLOGY EDUCATION (CATE)**

The purpose of the Business & Technology Education department at Spartanburg High School is to prepare students for future education and employment by providing a wide range of courses in accordance with student interests, abilities, and career goals. Their goal is to contribute to the general objectives of education—critical thinking and problem-solving, technological proficiency, self-realization, cooperative relationships, economic efficiency, and civic responsibility—at the same time that it prepares students to function effectively as workers in business, industry, or other professions and as consumers of economic goods and services.

The goal of the Business & Technology Education departments at Spartanburg High School and Daniel Morgan Technology Center is to work with and support all other areas of instruction in the hope that our united efforts will produce self-sufficient, productive, competent, adaptable and motivated citizens. An underlying goal is to produce citizens who can adjust to and contribute responsibly to society and who can cope with the constantly changing technological environment and employment patterns.

### **ACCESS TO BUSINESS AND TECHNOLOGY EDUCATION COURSES**

By federal regulations, Career and Technology Education (CATE) courses must provide equal training opportunities for all students regardless of sex, handicap conditions, race, color, age, social status, religion, national origin, economic level or any other level of unlawful discrimination. Accordingly, students classified as handicapped under defined state procedures do have access to CATE courses. Appropriate courses will be included as a component of the individual educational plan developed for each handicapped student. Planning for handicapped students will be coordinated between appropriate representatives of the CATE departments and special education. Guidance and counseling services will also be available to assist placement of students in CATE courses and career placement at the conclusion of their program.

### **CATE COURSES AT SPARTANBURG HIGH SCHOOL**

Career and Pre-Engineering courses offered on the SHS campus are Business & Technology Education and Pre-Engineering. All courses are non-job preparatory except for the Business & Technology Education Programs. Other Career and Technology Education courses are offered on the Daniel Morgan Technology Center Campus. Assistance in course selection and registration is available from teachers or counselors. Job outlook information is also available, as is placement assistance for students completing the job preparatory courses.

### **WORK-BASED LEARNING**

Work-based learning is an important component of Business & Technology Education. Spartanburg High School provides a number of opportunities for students to have work-based experiences. There are two courses that combine preparation for career selection with a work-based internship. See the ODYSSEY Community Internship Program and the Career Internship course. The Business & Technology Education Department provides the Business Work-Based credit for the six majors offered through the Business, Management, and Administration Cluster, the Finance Cluster and the Information Management Cluster listed on the following page. Daniel Morgan Technology Center provides work-based experiences with many of their completer programs. In addition, shadowing and mentoring experiences are available for interested students. For information about these opportunities, please see the SHS Career Facilitator.

### **DUAL CREDIT COURSES AT DANIEL MORGAN TECHNOLOGY CENTER (DMTC)**

*SCC eligibility requirements must be met.*

Fundamentals of CAD - EGT 152  
Medical Terminology - AHS 102  
Medical Vocabulary/Anatomy - AHS 104  
Principles of Parametric CAD - EGT 245

All dual credit courses will receive one quality point added to the college prep weighting for that class.

# CTE MAJORS

The Career and Technical Education (CTE) majors and courses offered at Spartanburg High School allow students to combine both college preparation and real-world workforce skills development into one customized education program. CTE courses encourage students to explore and prepare for careers in business management, operations management, finance, accounting, health careers, IT, engineering and much more. Work-based learning experiences are available in all majors.

## SHS SCHOOL OF BUSINESS MANAGEMENT AND ADMINISTRATION

### Viking Major: Business Information Management

Two Required Courses: (1) Digital Publication Design (2) Image Editing

Plus **One** of the following courses:

- \*Foundations of Animation
- \*Workplace Communications
- \*Fundamentals of Computing
- Accounting 1
- IBA
- \*Web Page Design
- Entrepreneurship
- Discovering CS

### Viking Major: General Management

Two Required Courses: (1) Accounting 1 (2) Entrepreneurship

Plus **One** of the following courses:

- Accounting 2
- \*Web Page Design
- Virtual Enterprise 1
- Social Media Marketing
- Workplace Communications
- Global Business

### Viking Major: Operations Management

Two Required Courses: (1) Virtual Enterprise 1 (2) Virtual Enterprise 2

Plus **One** of the following courses:

- \*Web Page Design
- Entrepreneurship
- Image Editing
- Accounting 1
- IBA
- Workplace Communications

You will receive a cord for graduation if you satisfy the requirements for your major.

## SHS SCHOOL OF FINANCE

### Viking Major: Accounting

Two Required Courses: (1) Accounting 1 (2) Accounting 2

Plus **One** of the following courses:

- Finance
- IBA
- Entrepreneurship
- Workplace Communications

### Viking Major: Business Finance

Two Required Courses: (1) Accounting 1 (2) Finance

Plus **One** of the following courses:

- Entrepreneurship
- Workplace Communications
- Global Business
- IBA

### Viking Major: Banking Services

Two Required Courses: (1) Banking Services (2) Finance

Plus **One** of the following courses:

- Accounting 1
- Accounting 2
- Workplace Communications
- IBA

You will receive a cord for graduation if you satisfy the requirements for your major.

\* Courses that satisfy the computer science requirement for graduation.

## SHS SCHOOL OF INFORMATION TECHNOLOGY

### Viking Major: Web & Digital Communications

Two Required Courses: (1) \*Web Page Design (2) \*Advanced Web Page Design

Plus **One** of the following courses:

- \*Fundamentals of Computing
- \*Honors CS Principles (PLTW)
- \*Honors CyberSecurity (PLTW)
- \*Foundations of Animation
- \*Social Media Marketing
- Workplace Communications
- \*IT Fundamentals
- Image Editing
- IBA

### Viking Major: Networking Systems

Two Required Courses: (1) Networking Fundamentals (2) \*Advanced Networking

Plus **One** of the following courses:

- Entrepreneurship
- \*Fundamentals of Computing
- \*Web Page Design
- \*Honors CyberSecurity (PLTW)
- \*Honors CS Principles (PLTW)

You will receive a cord for graduation if you satisfy the requirements for your major.

## SHS SCHOOL OF ENGINEERING

### Viking Major: Pre-Engineering (PLTW)

Four Required Courses:

(1) Honors Intro to Engineering Design (2) \*Honors Principles of Engineering  
(3) \*Honors CS Principles (4) Honors Environmental Sustainability

You will receive a cord for graduation if you satisfy the requirements for this major.

## SHS SCHOOL OF HEALTH AND HUMAN SERVICES

### Viking Major: Health Science

Two Required Courses: (1) Health Science 1 (2) Health Science 2

Plus **One** of the following courses:

- Honors Human Body Systems (PLTW)
- Honors Princ of Biomedical Science (PLTW)
- Principles of Public Health (PLTW)

You will receive a cord for graduation if you satisfy the requirements for this major.

## SHS SCHOOL OF EDUCATION AND TRAINING

### Viking Major: Teacher Education

Two Required Courses: (1) Intro to Teaching 1 (2) Intro to Teaching 2

Plus the following 3<sup>rd</sup> course:

- Teacher Cadet

You will receive a cord for graduation if you satisfy the requirements for this major.

## SHS SCHOOL OF ARTS, AV TECHNOLOGY AND COMMUNICATIONS

### Viking Major: Media Technology

Four Required Courses: (1) Media Technology 1 (2) Media Technology 2  
(3) Media Technology 3 (4) Media Technology 4

You will receive a cord for graduation if you satisfy the requirements for this major.

\* Courses that satisfy the computer science requirement for graduation.

## **ACCOUNTING 1**

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This two-semester course is designed to help the student develop the skills necessary for the highly technical interaction between accounting and business, to develop an understanding of the steps of the accounting cycle as applied to several different kinds of business operations, and to develop an understanding of accounting concepts, principles, and practices. Specific topics covered include journals and ledgers, financial reports, depreciation, payroll, accruals, and deferrals. Use of the computer in simulated activities gives the student an opportunity to see the advantages of technology in accounting procedures.

**Recommended Grade Levels:** 10-12

**Prerequisite:** Completion of Alg 1 with a grade of C or better

**Viking Majors:** Business Information Management, General Management, Accounting, Business Finance

**Credit:** 1 unit

## **ACCOUNTING 2**

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This two-semester course expands the student's understanding of accounting subsystems and develops an understanding of various methods of internal control procedures. The student develops competence in using subsidiary ledgers, in preparing financial statements, and in performing end-of-period procedures. The student will demonstrate the use of accounting principles through the use of computer software and simulated activities. Accounting 2 is a required course for the Accounting major. It is a recommended elective for the General Management major and the Operations Management major.

**Recommended Grade Levels:** 11-12

**Prerequisite:** Accounting 1A and B with a minimum grade of C or better

**Viking Majors:** Business Information Management, General Management, Accounting, Business Finance

**Credit:** 1 unit

## **BUSINESS OR I.T. WORK-BASED PROGRAM**

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This credit-bearing course is open to 11th and 12th grade students who are on track to complete a major in the Business, Management, Administration Cluster, the Finance Cluster or the Information Technology Cluster by the end of their senior year.

**In order to be a business major or an IT major, a student must have completed 6 semesters of business or IT courses.**

Students must meet the qualifications of the Work-Based Program and must have a recommendation from the Spartanburg High School Business & Technology Education Department.

**NOTE:** Students reporting to an off-campus job site every afternoon must provide their own transportation.

**Recommended Grade Levels:** 11-12

**Prerequisite:** Business or IT Major AND approval of work-based instructor.

**Viking Majors:** All

## **IT FUNDAMENTALS 1**

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Students will learn essential Information Technology (IT) skills and knowledge needed to perform common entry-level IT tasks. Students will learn to install, repair, configure, secure, and manage computer hardware, operating systems, and software in home or corporate environments. Students will learn common practices for troubleshooting a variety of computer issues and customer service techniques for assisting computer users with the respective problems.

**Recommended Grade Levels:** 9-12

**Viking Majors:** All

## **DIGITAL PUBLICATION DESIGN 1, 2**

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This two-semester course combines the business world with graphic design and allows students to use their creativity to produce business and personal publications. Students create, format, illustrate, design, and print newsletters, flyers, brochures, reports, advertisements, catalogs, programs, posters, and other publications.

**Recommended Grade Levels:** 9-12

**Prerequisite:** None

**Certifications:** Adobe Certified Associate

**Viking Majors:** Business Information Management, Web & Digital Communications

**Credit:** 1 unit

## **ENTREPRENEURSHIP 1**

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This two-semester course is designed to provide students with the knowledge and skills leading to the development of a business plan for small business ownership. An important part of the course will be the incorporation of traditional and non-traditional marketing strategies, technology, staffing, and financial considerations.

**Recommended Grade Levels:** 10-12

**Prerequisite:** None

**Viking Majors:** Business Information Management, General Management, Operations Management, Accounting, Business Finance, Web & Digital Communications

**Credit:** 1 unit

## **IMAGE EDITING 1, 2**

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In this two-semester course, students will learn the fundamental features and skills needed to utilize digital imaging software in editing and designing images and graphics. Students will learn the use of technologies related to digital imaging such as basic computer operations; file sharing across networks; digital scanning; digital photography; preparing documents for output to various types of media.

**Recommended Grade Levels:** 9-12

**Recommended Prerequisite:** Fundamentals of Computing or Digital Multimedia and/or any digital literacy course.

**Certifications:** Adobe Certified Associate

**Viking Majors:** Business Information Management, Web & Digital Communications

**Credit:** 1 unit

## **INTEGRATED BUSINESS APPLICATIONS 1,2**

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This two-semester course is designed to teach students software applications that are necessary to live and work in a technological society. The applications covered include word processing, database, spreadsheet, and presentation. In addition, other content areas may include computer hardware, terminology, safety, ethics, basic computer concepts, and employability skills.

**Recommended Grade Levels:** 9-12

**Prerequisite:** None

**Certifications:** Microsoft Office Specialist (MOS)

**Viking Majors:** Business Information Management, General Management, Operations Management, Accounting, Business Finance, Web & Digital Communications

**Credit:** 1 unit

## **FINANCE 1**

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This two-semester course is designed to provide students with an understanding of both personal and business finance. On the personal side, students are introduced to the basic financial literacy skills, which include budgeting, obtaining credit, maintaining checking accounts, analyzing the basic elements of finance, computing payroll, recording business transactions, and applying computer operations to financial management. From the business aspect, it will explore how corporations, organizations, and businesses handle money. Concepts include the management of money, accounting methods, investing strategies, and general financial management.

**Recommended Grade Levels:** 10-12

**Prerequisite:** None

**Viking Majors:** Accounting, Business Finance

**Credit:** 1 unit

## **VIRTUAL ENTERPRISE 1, 2**

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During this two-semester course, Spartanburg High School's Virtual Enterprise program will allow students to experience, in a simulated business environment, all facets of being an employee in a firm and is a part of the Virtual Enterprises, International™ Program. Students are responsible for the completion of real work-related objectives, transactions, and daily activities applying knowledge, skills, and personal characteristics needed to succeed in employment. This program is based on the European concept of practice firms in which students run simulated offices in their schools and engage in virtual trading with other practice firms around the world.

**Recommended Grade Levels:** 10-12

**Prerequisite:** Must have earned at least one prior business course credit in Accounting, Entrepreneurship, Management, Marketing, or Graphic Design. Must have the approval of the VE instructor and recommendation from a prior business instructor.

**Viking Majors:** Business Information Management, General Management, Operations Management, Accounting, Business Finance, Web & Digital Communication

## **CPT 101 (IBA1 equivalent)**

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CPT 101 is open to juniors and seniors and is designed for mature, conscientious students seeking the challenge of a fast-paced and rigorous curriculum as well as dual credit. CPT 101 is a one-semester 3-credit college transfer course taught at Spartanburg High School. This is a Computer Literacy course that teaches skills which are required to effectively live and work in an ever increasingly technical world. This course provides an overview of microcomputer applications including an introduction to computer concepts, Microsoft Windows, Microsoft Office, Microsoft Office Word, Microsoft Office Excel, Microsoft Office Access, Microsoft Office PowerPoint, creating Web pages, and integration of the applications. Upon satisfactory course completion, students will be able to accomplish the following tasks: list the major components of a computer system and their functions, correctly use business data processing terminology, use common types of business software packages for microcomputers, and understand the areas where the computer is useful in problem solving.

**Prerequisite:** Must meet SCC admission requirements. See a Business & IT Education teacher or guidance counselor to register.

**Viking Majors:** Business Information Management, General Management, Operations Management, Accounting, Business Finance, Web & Digital Communications

**Credit:** .5 unit

## **FUNDAMENTALS OF WEB PAGE DESIGN 1**

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This two-semester course will guide students in the development of websites in a project-based, problem-solving environment. Students will learn the industry standard languages, HTML and CSS, which are used in every website on the web today. Students will learn how to create a portfolio of content-rich, well-styled websites. Successful completion of this course will prepare students for industry certification. **This course satisfies the computer science graduation requirement.**

**Certifications:** CIW - Web Foundations Associate, Site Development Associate

**Recommended Grade Levels:** 9 - 12

**Recommended Prerequisite:** Fundamentals of Computing (ECS), or Digital Multimedia and/or any digital literacy course

**Vikings Majors:** Business Information Management, Web & Digital Communication

**Credit:** 1 unit

## **FOUNDATIONS OF ANIMATION 1**

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This two-semester course will prepare students to use artistic and technological foundations to create animations. The basic principles of digital animation are reviewed, including character development and story conception through production. Students learn the technical language used in the animation industry and basic animation methods. They will also learn techniques about various ways to plan, create, and prepare for animation in pre-production, production and post-production. This course prepares students for the Adobe Certified Associate for Flash/Animate CC certification exam.

**This course satisfies the computer science graduation requirement.**

**Certifications:** Adobe Certified Associate

**Recommended Grade Levels:** 10 - 12

**Recommended Prerequisite:** Image Editing or Digital Publication Design

**Viking Majors:** Business Information Management, Web & Digital Communication

**Credit:** 1 unit

## **VIKINGS UNLIMITED/VIKING VENDOR/VIKING PRINTING**

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These are school-based enterprises which are open to students who are pursuing a Viking major in Business Information Management, General Management, Operations Management, Accounting or Business Finance. Students will work in one of the three school-based businesses (Vikings Unlimited, Viking Printing, or Viking Vendor). This class is a Work Based Learning credit-bearing course. Students will select and price products and/or services to sell, determine customers, promote and market, obtain financing, manage employees and more. This project/work-based course will include hands-on activities, presentations, written projects, and teamwork activities that are essential to success. Students will be expected to develop professional relationships with outside vendors/suppliers and customers. Out of class requirements and assignments will provide the opportunity to go above and beyond the standard learning environment. Personal transportation and extra hours outside the normal class period may be required. Students desiring to work

in one of the school-based enterprises must successfully complete the application process (written application, background check, references/recommendations, and interview). Please see Mr. Roberts or Ms. Richards to pick up an application. Note: This is a two-semester course.

### **FUNDAMENTALS OF COMPUTING 1**

This two-semester course is designed to introduce students to the field of computer science through an exploration of engaging and accessible topics. Through creativity and innovation, students will use critical thinking and problem-solving skills to implement projects that are relevant to students' lives. They will create a variety of computing artifacts while collaborating in teams. Students will gain a fundamental understanding of the history and operation of computers, programming, and web design. Students will also be introduced to computing careers and will examine societal and ethical issues of computing.

**This course satisfies the computer science graduation requirement.**

**Prerequisite(s):** None

**Recommended Grade Levels:** 9-10

**Viking Majors:** Business Information Management, Web & Digital Communication

**Credit:** 1 unit

### **WORKPLACE COMMUNICATIONS 1, 2**

This course is designed to teach students to communicate in a clear, courteous, concise, complete, and correct manner on both personal and professional levels. Competency will be developed in oral, written, interpersonal, technological, and employment communication. Listening skills will be incorporated throughout the course. This course prepares students for the CEW: Professional Communications certification exam and serves as a preparation course for career readiness.

**Certifications:** CEW: Professional Communications

**Recommended Grade Levels:** 9 - 12

**Recommended Prerequisite:** None

**Vikings Majors:** Business Information Management, General Management, Operations Management, Accounting, Business Finance

### **NETWORKING FUNDAMENTALS 1**

This course provides students with classroom, laboratory, and hands-on experience in current and emerging networking technologies. Upon successful completion of the course sequence in the networking major, students will be able to seek employment or further their education and training in the information technology field. The networking student will benefit most from the curriculum if he or she possesses a strong background in reading, math, and problem-solving skills.

**Prerequisite(s):** None

**Recommended Grade Levels:** 9-12

**Viking Majors:** Networking Systems

**Credit:** 1 unit

### **ADVANCED NETWORKING FUNDAMENTALS**

Students in Advanced Networking will perform networking tasks commonly performed by systems administrators, network administrators, network engineers and related careers. Students manage hardware and software network components including IP configuration, setting up wireless and wired networks, managing networks, basic network security, software updates, hardware upgrades and network protocols. Students will learn about

configuring and maintaining networks in home and corporate environments. Upon completion of the two courses, students will be prepared to earn nationally recognized industry certifications.

**Recommended Grade Levels:** 10 - 12

**Prerequisite:** Networking Fundamentals

**Vikings Major:** Networking Systems

### **ADVANCED WEBPAGE DESIGN/DEVELOPMENT 1**

This advanced course is designed to provide students with the knowledge and skills necessary to pursue careers in web design and development. Students will develop an in-depth understanding and use of HTML, CSS, JavaScript, layout techniques, and other industry-standard practices. In addition, students will learn scripting technologies to create dynamic and interactive websites. Students will maintain a professional quality portfolio of web design work. Successful completion of this course will prepare students for industry certification.

**Prerequisite(s):** None

**Recommended Grade Levels:** 10-12

**Viking Majors:** Web & Digital Communications

### **GLOBAL BUSINESS**

This course provides students with an understanding of business operations in the global arena. Students gain an understanding of global trade, international and political culture, legal and trade agreements, importing/exporting, global finance and economics, product and service distribution, marketing, and travel. This course is intended for students that will complete a CATE major at SHS and plan to pursue international studies at the post-secondary level.

**Recommended Grade Levels:** 10-12

### **PRE-ENGINEERING / PROJECT LEAD THE WAY**

#### **HONORS CYBERSECURITY 1 (Project Lead the Way)**

PLTW Cybersecurity is a full-year course implemented in 10th grade or above. The design of the course exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. PLTW Cybersecurity strongly connects to the National Cybersecurity Workforce Framework (also known as the NICE Framework or NCWF). Created by the National Institute of Standards and Technology (NIST), this framework identifies standards developed by numerous academic, industry, and government organizations. The framework objectives address topics that span K-12 education and guide learning progressions. The objectives also incorporate many of the big ideas and learning objectives outlined by the College Board and addressed in AP CSP and AP CSA. In addition, the course integrates Computer Science Teachers Association (CSTA) standards. PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, "outside-the-box" thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

**This course satisfies the computer science graduation requirement.**

**Prerequisite(s):** Algebra I CP or Honors

**Recommended Grade Levels:** 10-12

**Credit:** 1 unit

### **HONORS INTRO TO ENGINEERING DESIGN 1, 2 (Project Lead the Way)**

In this two-semester class (IED 1 and IED 2), students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and use an engineering notebook to document their work.

**Grade levels:** 9-12

**Prerequisite:** Algebra I, CP or Honors. IED 1 required for IED 2

**Credit:** 1 unit

### **HONORS COMPUTER SCIENCE PRINCIPLES 1,2 (Project Lead the Way)**

Incorporating multiple platforms and languages for computation, this course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSP helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation. This two-semester class (CSP 1 and CSP 2) is designed for students interested in careers in Computer Science or Engineering.

**This course satisfies the Computer Science graduation requirement.**

**Grade levels:** 9-12

**Prerequisite:** Algebra I, CP or Honors

**Credit:** 1 unit

### **HONORS PRINCIPLES OF ENGINEERING 1,2 (Project Lead the Way)**

Do you like building and programming robots? Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car.

**This course satisfies the Computer Science graduation requirement.**

**Grade levels:** 9-12

**Prerequisite:** Teacher Recommendation

**Credit:** 1 unit

### **HONORS ENVIRONMENTAL SUSTAINABILITY 1 (Project Lead the Way)**

In Environmental Sustainability, students investigate and design solutions in response to real-world challenges related to clean and abundant drinking water, food supply, and renewable energy. Applying their knowledge through hands-on activities and simulations, students research and design potential solutions to these true-to-life challenges.

**Grade levels:** 10-12

**Prerequisite:** Biology and Algebra I

**Credit:** 1 unit

## **BIOMEDICAL ENGINEERING/ PROJECT LEAD THE WAY**

### **HUMAN BODY SYSTEMS 1 (Project Lead The Way)**

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis in the body. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

**Grade levels:** 10-12

**Prerequisite:** Biology and Algebra I

**Credit:** 1 unit

### **HONORS PRIN OF BIOMEDICAL SCIENCE 1 (Project Lead the Way)**

Principles of Biomedical Science (1 year) In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

## **HEALTH SCIENCE**

**(DOES NOT COUNT AS SCIENCE CREDIT)**

### **HEALTH SCIENCE 1 CP**

This is a year-long introductory course offered to students who are interested in pursuing a career in the healthcare field. During this course, students are introduced to healthcare history, medical terminology and math, infection control, safety measures, types of healthcare facilities and different careers in the healthcare field. Emphasis is placed on job skills throughout the course. To advance to HS2, students must achieve a 75% or higher in this course.

*\*Required to be considered a completer*

*Credits: 1 elective credit*

*Prerequisite: None*

### **HONORS HEALTH SCIENCE 1**

This is a year-long introductory course offered to students who are interested in pursuing a career in the healthcare field. This course encompasses everything described in the CP course, but in addition students will be required to complete an in-depth outside research project where they choose a medical profession, interview a professional in the field, and complete research about all aspects of their chosen profession. This will be presented to the class at the end of the year. In addition, more in-depth clinical skills will be undertaken.

*\*Required to be considered a completer*

*Credits: 1 elective credit*

*Prerequisite: Honors level work at 75% or above in previous science course.*



## HEALTH SCIENCE 2 CP

This is a year-long course that applies the knowledge and skills that were learned in HS1. Students will be introduced to an advanced study of human anatomy, infection control, medical terminology and medical math. Students will have the opportunity to become certified in First Aid and CPR. Career pathways and scenarios are introduced throughout each section. Students will participate in a job shadowing experience.

*\*Required to be considered a completer*

*Credits: 1 elective credit*

*Prerequisite: 75% or above in HS1.*

## FOUNDATIONS OF PUBLIC HEALTH CP

In this new year-long course, students will be introduced to the field of public health. Students will investigate chronic and infectious disease issues, jobs in this field, the public health approach to solving issues, epidemiology (outbreak investigation), public health preparedness and response and how lifestyle and environmental factors affect public health.


Prerequisite: Health Science I CP/Hon OR PLTW Principles of Biomedical Science

Credit: 1 elective credit

# DANIEL MORGAN TECHNOLOGY CENTER (DMTC) CAREER AND TECHNOLOGY EDUCATION

You can access course descriptions for all DMTC courses by opening the link below: (Ctrl + link)

[DMTC Program Guide 2022-2023](#)



**DMTC COURSES OFFERED BY CLUSTERS**

Come for the skills..... Stay for the challenge!

- Architecture and Construction**
  - Carpentry I
  - Carpentry II
  - Carpentry III
  - Carpentry IV
  - Electricity I
  - Electricity II
  - Electricity III
  - Electricity IV
- Arts, AV Technology, and Communications**
  - Media Technology I
  - Media Technology II
  - Media Technology III
  - Media Technology IV
  - Graphic Communications I
  - Graphic Communications II (Honors)
  - Graphic Communications III (Honors)
  - Graphic Communications IV
- Finance**
  - Business Finance
  - Business Law
  - Securities and Investments
- Health Science**
  - Health Science I
  - Health Science II
  - Human Structure, Function & Disease (Honors)(HS3)
  - Medical Terminology (Honors)
  - Clinical Studies (Honors)
  - Sports Medicine I
  - Sports Medicine II
  - Sports Medicine III
- Hospitality and Tourism**
  - Culinary Arts I
  - Culinary Arts II (Honors)
- Human Services**
  - Cosmetology I
  - Cosmetology II
  - Cosmetology III
  - Cosmetology IV
- Information Technology**
  - Computer Programming with JAVA I
  - Computer Programming with JAVA II
  - Cyber Security Fundamentals
  - Game Design and Development
- Law, Public Safety, Corrections, and Security**
  - Introduction to Law
  - Law Enforcement Services I
  - Law Enforcement Services II
- Manufacturing**
  - Mechatronics Integrated Technologies I
  - Mechatronics Integrated Technologies II
  - Mechatronics Integrated Technologies III (Honors)
  - Mechatronics Integrated Technologies IV (Honors)
  - Machine Tool Technology I
  - Machine Tool Technology II
  - Machine Tool Technology III
  - Machine Tool Technology IV
  - Welding Technology I
  - Welding Technology II
  - Welding Technology III
  - Welding Technology IV
- Marketing**
  - Entrepreneurship
  - Marketing
  - Marketing Management
  - Social Media Marketing
- Transportation, Distribution and Logistics**
  - Automotive Technology I
  - Automotive Technology II (Honors)
  - Automotive Technology III
  - Automotive Technology IV

# FINE ARTS

The courses listed in the Art, Drama, and Music portions of this Fine Arts section may be used to meet the South Carolina Commission on Higher Education requirement for students who plan to attend a four-year college/university in South Carolina. All courses in Fine Arts are related to the **Arts, A/V Technology, and Communication & Liberal Arts Cluster**. They are excellent related electives for students in all other clusters.

## VISUAL ART

Students who enroll in an applied art course are required to carry school or other adequate accident insurance.

### ART 1 - 2D DESIGN

Exploring the Principles and Elements of Art with an emphasis on 2-dimensional work. List of Projects: Monochromatic Portrait, Tessellation, Notan, Radial Design

**Credit:** .5 unit

### ART 1 - 3D DESIGN

Exploring the Principles and Elements of Art with an emphasis on 3-dimensional work. List of Projects: Relief, Additive, and Manipulative Sculptures, Design Challenges

**Credit:** .5 unit

### ART 1 - PHOTOGRAPHY

Exploring the Principles and Elements of Art with an emphasis on digital photography. List of Projects: Radial Designs, Composite Photos, Mixed Media with image transfers

### ART 2 - DRAWING

Building drawing skills by exploring various subjects and drawing materials. List of Projects: Charcoal, Prismacolor, Pastel, Graphic Pencil, Ink Pens

**Prerequisite:** Art 1 OR Design Basics

**Credit:** .5 unit

### ART 2 - POTTERY

Hand building techniques with figurative and functional clay projects using Patz, pinch, coil, soft slab, and hard slab construction. List of Projects: Coil Vase, Cultural Pots, Hard Slab Boxes, and Soft Slab Animals

**Prerequisite:** Art 1 OR Design Basics

**Credit:** .5 unit

### ART 2 - SCULPTURE

Construction using wood, wire, paper, cardboard, glass, clay, and other materials to create 3-dimensional sculptures. List of Projects: Relief, Kinetic, Additive, Manipulative, Cast Sculptures

**Prerequisite:** Art 1 OR Design Basics

**Credit:** .5 unit

### ART 3 - ADVANCED DRAWING

Building drawing skills by exploring advanced drawing techniques and personal style. List of Projects: Inverse Portrait, Fantasy Landscape

**Prerequisite:** Art 2-Drawing

**Credit:** .5 unit

### ART 3 - ADVANCED POTTERY

Hand building and wheel throwing projects with an added emphasis on finishing techniques and sculptural forms. List of Projects: Teapots, Heads, Thrown bowls, cups, jars

**Prerequisite:** Art 2-Pottery

**Credit:** .5 unit

### ART 3 - ADVANCED SCULPTURE

Construction using a variety of materials to create advanced level 3-dimensional sculptures. List of Projects: Kinetic, Additive, Manipulative, Mixed Media, Cast Sculptures

**Prerequisite:** Art 2-Sculpture

**Credit:** .5 unit

### ART 3 - PRINTMAKING

Practicing the Principles and Elements of Art with an emphasis on printmaking processes. List of Projects: Monotypes, Lithography, Screenprinting, Relief Printing

**Prerequisite:** Art 2-Drawing OR 2D Design

**Credit:** .5 unit

### ART 4 - HONORS STUDIO

For students who work independently and wish to continue exploring a technique or medium at an advanced level. List of Projects: Body of work exploring a selected medium

**Prerequisite:** Art 3 AND teacher approval.

**Credit:** .5 unit

## AP

### ART 4 - AP DRAWING

Year-long course to complete a body of work for submitting to AP. The drawing portfolio emphasizes mark-making and composition. List of Projects: 5 selected works, 15 sustained investigation pieces

**Prerequisite:** Art 3 AND teacher approval.

### ART 4 - AP 2D STUDIO ART

Year-long course to complete a body of work for submitting to AP. The 2D portfolio emphasizes the elements and principles of art. List of Projects: 5 selected works, 15 sustained investigation pieces

**Prerequisite:** Art 3 AND teacher approval.

### ART 4 - AP 3D STUDIO ART

Year-long course to complete a body of work for submitting to AP. The 3D portfolio emphasizes the elements and principles of art, especially form and the use of occupied/unoccupied space. List of Projects: 5 selected works, 15 sustained investigation pieces

**Prerequisite:** Art 3 AND teacher approval.

## **DANCE**

### **DANCE**

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This two-semester class introduces the student to the dynamic capabilities of their body as an articulate means of expression. We explore basic concepts and skills from contemporary dance forms that may include Afromodern, jazz, ballet, hip hop, African, floor work, inversion, classical modern and improvisation. Classwork develops efficient alignment, strength, flexibility, coordination, rhythm, dynamics and spatial awareness.

**Credit:** 1 unit

## **DRAMA**

### **INTRO TO THEATRE/ACTING BASICS Grades 9-12**

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This course is designed to enhance the student's appreciation for the theater. This course combines the technical, historical, and emotional aspects with classic and contemporary dramatic performances. Students will develop skills in order to become exceptional actors/actresses and intelligent audience members. Topics include theater etiquette, history, duet acting, improvisation, and technical theatre.

**Credit:** .5 unit

### **PLAY/FILM SCRIPT WRITING Grades 9-12**

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This course is designed to introduce students to the fundamentals of developing and writing scripts for film, television, and the live event. The course emphasizes theme, story, plot, dialogue, character arc, dramatic structure, script format, and the process of developing and writing a script. Some scripts will be sent to competitions.

**Next in Sequence:** Acting 2 OR Technical Theatre

**Credit:** .5 unit

## **ACTING II Grade 9-12**

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This course is designed to enhance the students' appreciation for the theater. It also combines the technical, historical, and emotional aspects with classical and contemporary dramatic performances. Students will broaden stage performance skills, writing skills, speaking skills, props, characters, & vocal performance skills in order to become exceptional actors and actresses. The acting 2 class will have a public performance of a one act play at the end of the semester.

**Prerequisite:** Acting I or teacher's recommendation

**Credit:** .5 unit

## **TECHNICAL THEATRE Grades 10-12**

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This course is designed to enhance the students' appreciation for the theater. It also combines the technical, historical, and emotional aspects with classical and contemporary dramatic performances. This course is also intended to introduce the student to the theory & practice of stage costume and make-up design. The course will develop the student's analytical skills by exploring the following topic areas: design organization, research, concept development and character analysis. The course will develop the student's visual communication skills by exploring these topic areas: conveying character with visual elements, communicating designs ideas through sketches, basic drawing and costume rendering techniques. The course is hands-on and project-oriented. Assignments involve both verbal and visual forms of expression. Students will broaden stage performance skills, writing skills, speaking skills, props, characters, & performance skills in order to become exceptional backstage crews.

**Prerequisite:** Acting I

**Credit:** .5 unit

# MUSIC

## *Instructions for Selecting Music Courses*

1. Students interested in Band, Orchestra, and Chorus may enroll in these courses for four years. If possible, students should remain in these courses for both semesters during each year. One (1) nonacademic semester credit is awarded for each semester completed.
2. Students enrolled in Orchestra and Band are encouraged to provide their own instruments. Students may, however, rent their instruments from the school if a suitable instrument is available. The rental fee for a Band or Orchestra instrument is \$100.00 per school year.
3. Students enrolled in Band, Orchestra, and Chorus are expected to furnish their own concert outfits or rent a "concert uniform" from the school for a set fee which might change from year-to-year.
4. Students enrolled in Band, Orchestra, and Chorus will be REQUIRED to attend some after-school rehearsals, as well as participate in evening, weekend, and possibly out-of-school performances.

## **CHOIR**

### **MEN'S CHOIR**

This course is designed for the male singer. As part of the training, students will learn about proper vocal technique for the male voice, build on knowledge of sight-singing of written music and develop ear training. Students will attend and perform several concerts throughout the year. Students will also be given an opportunity to participate in field trips, solo/ensemble activities, private voice lessons, All-State Choir auditions as well as in the SC Choral Music Festival.

**Prerequisite:** selection by audition, a year of choir in middle or high school is preferred.

**Credit:** .5 unit

### **WOMEN'S CHOIR**

This course introduces note-reading and sight-singing of written music, as well as vocal development and ear training. As a part of the training, students will attend and perform several concerts throughout the year. Students will also be given an opportunity to participate in field trips and private voice lessons.

**Prerequisite:** selection by audition, a year of choir in middle or high school is preferred.

**Credit:** .5 unit

### **ADVANCED WOMEN'S CHOIR**

This is a select choir of women who demonstrate a high level of sight-singing and vocal ability in their respective grades. As a part of the training, students will attend and perform several concerts throughout the year. Students will also be given an opportunity to participate in field trips, solo/ensemble activities, private voice lessons, All-State Choir auditions as well as in the SC Choral Music Festival.

**Prerequisite:** selection by audition and at least one year of Women's Choir or completion of one year of 8<sup>th</sup> grade choir.

**Credit:** .5 unit

### **ADVANCED (HONORS) MIXED CHOIR**

This is a select choir of upper-classmen who demonstrate the highest level of sight-singing and vocal ability in their respective grades. As a part of the training, students will attend and perform several concerts throughout the year. Students who are accepted into Advanced Choir and who are enrolled in their third year of the credit-bearing program are eligible for honors credit. Students will also be given an opportunity to participate in field trips, solo/ensemble activities, private voice lessons, All-State Choir auditions as well as in the SC Choral Music Festival.

**Prerequisite:** selection by audition and at least one year of Men's or Women's Choir.

**Credit:** .5 unit

## **CORPORATION**

This is Spartanburg High School's premiere show choir, consisting of vocalists, and instrumentalists. Students who are selected for the Corporation must also sign up for Advanced Women's or Honors choir. Instrumentalists must also sign up for Band or Orchestra. Auditions for the Corporation will take place in May of the preceding school year. The Corporation will perform at all school choir concerts as well as community events throughout the year. **Credit:** .5 unit

**Prerequisite:** Selection by audition.

## **ORCHESTRA**

### **ORCHESTRA 9 (A & B)**

This is a course that reinforces and builds technical performance skills, including shifting and vibrato, and develops individual and ensemble musicianship through the study of appropriate string orchestra literature grades II-IV. There will be several evening concert performances throughout the year, and students are eligible to participate in solo/ensemble and region orchestra auditions. A course fee is charged for the rental of uniforms and/or instruments.

**Credits:** 1 Unit

**Prerequisite:** Orchestra 8 and teacher approval.

**Next in Sequence:** Symphony Orchestra A & B or Viking Orchestra A & B

## **CHAMBER ORCHESTRA and HONORS CHAMBER ORCHESTRA**

This "Early Bird" course meets daily before school from 7:40 to 8:08 AM. This class is the daily rehearsal of the Spartanburg High School Chamber Orchestra, which is comprised of the highest placing approximately 32 students from the orchestra placement auditions held at the end of the previous school year. Students enrolled must also take the 1<sup>st</sup> period Symphony or Honors Orchestra class. 11<sup>th</sup>-12<sup>th</sup> grade students will receive honors credit for this ½-unit course, and 10<sup>th</sup> graders will receive a ½-unit of CP credit. The curriculum for this course will include the learning of advanced string orchestra literature, concerto accompaniments, and seasonal music. Throughout the year, selected students will be able to play chamber music "gigs" in the community, as opportunities and invitations arise to do so.

**Prerequisite:** Selection by audition and teacher approval, and previous orchestra experience.

**Credit:** .25 unit per semester

### **HONORS ORCHESTRA (III, IV)**

Students registered for this 1<sup>st</sup> period course are the members of both the SHS Chamber Orchestra and SHS Symphony Orchestra, and they are dual-enrolled in the early bird class. 11<sup>th</sup>-12<sup>th</sup> graders will receive a full unit of honors credit for the year, and 10<sup>th</sup> graders a full unit of CP credit. Students are expected to audition for the SCMEA Region Orchestra, and they may also audition for All-State Orchestra if qualified to do so. Grade IV-V string orchestra literature and full orchestra literature will be studied and prepared for public concert performances and the SCMEA Concert Performance Assessment. The curriculum for this course will rotate between the learning of string orchestra music, symphony orchestra music, and technical studies. Students are also encouraged to participate in the SCMEA Solo & Ensemble Festival. **Credit:** .5 unit

**Prerequisite:** Selection by audition and teacher approval, and previous orchestra experience.

### **SYMPHONY ORCHESTRA**

Students registered for this 1<sup>st</sup> period course are members of the SHS Symphony Orchestra, and will share a class period with the members of the SHS Chamber Orchestra, who will comprise the other 50-70% of the Symphony Orchestra. The curriculum for this course will rotate between the learning of symphony orchestra literature, advanced string orchestra literature, and technical studies. Grade IV-V string orchestra literature and full orchestra literature will be studied and prepared for public concert performances and the SCMEA Concert Performance Assessment. The curriculum for this course will rotate between the learning of string orchestra music, symphony orchestra music, and technical studies. Students are also encouraged to participate in the SCMEA Solo & Ensemble Festival. **Credit:** .5 unit

**Prerequisite:** Selection by audition and teacher approval, teacher approval, and previous orchestra experience.

### **VIKING ORCHESTRA**

This class will be the daily rehearsal of the Spartanburg High School Viking Orchestra. Students enrolled in this course will study and prepare Grade III string orchestra literature for public concert performances, and will be encouraged to participate in the SCMEA Solo & Ensemble Festival. The curriculum for this course will focus upon technical skill development and musicianship, as well as the learning of string orchestra literature for public performance. **Credit:** .5 unit

**Prerequisite:** Orchestra 9 and teacher approval, teacher approval, and previous orchestra experience.

### **BAND**

#### **CONCERT BAND**

The Concert Band consists primarily of freshmen, a great entry level performance ensemble for high school. Students in this class learn to develop solid practice habits, fundamentals of ensemble playing and higher level musicianship. Students in this ensemble primarily perform Grade III literature.

**Credit:** .5 unit

### **BAND/WIND ENSEMBLE**

#### **HONORS BAND/WIND ENSEMBLE**

The Wind Ensemble is the most elite performing band at Spartanburg High School. Participation consists primarily of 10<sup>th</sup>-12<sup>th</sup> Grade Students who have demonstrated extreme versatility on their instrument from consistent practice, participate in multiple ensembles, and have a proven record of commitment to the program. This ensemble primarily performs Grade V and VI music (the most difficult levels written for band).

**Prerequisite:** Selection by audition

**Credit:** .5 unit

#### **SYMPHONIC BAND**

The Symphonic Band is primarily comprised of 9<sup>th</sup>-11<sup>th</sup> Grade Students, as well as select freshmen who audition into the band. Placement in the Symphonic Band is dependent upon solid fundamentals, consistent practice habits, and commitment to the band program. This ensemble primarily performs Grade III and IV music.

**Prerequisite:** Selection by audition

**Credit:** .5 unit

#### **MARCHING BAND (First semester only)**

#### **HONORS MARCHING BAND (First semester only)**

Students in the Honors Outdoor Performing Ensemble must be enrolled in Honors Band/Wind Ensemble, maintain an 85 average, and perform at the State 5A band competition.

**Prerequisite:** Selection by audition

**Credit:** .5 unit

#### **HONORS PERCUSSION ENSEMBLE**

#### **PERCUSSION ENSEMBLE**

Percussion Ensemble is an auditioned class consisting only of percussionists. Students have an individualized curriculum and perform several times throughout the year. Students in the SHS Percussion Ensemble will also perform with the concert bands as needed.

**Prerequisite:** Selection by audition, must be in marching band

**Credit:** .5 unit

### **AP**

#### **AP MUSIC THEORY A**

Following an introduction to fundamentals of music, students focus on sight-singing, transcription from dictation of simple four-measure phrases, harmonic structure, and keyboard harmony in the major and minor modes. AP Music Theory is intended for 11<sup>th</sup> and 12<sup>th</sup> grade college bound students planning to possibly major or minor in music.

**Prerequisite:** Instructor approval

**Corequisite:** Participation in a performance ensemble

**Credit:** .5 unit

#### **AP MUSIC THEORY B**

This course continues the study of music theory by providing practical applications of the fundamentals. The AP exam MUST be taken by every student in this course. The AP exam fee will be paid by the state. Students are encouraged to submit compositions for scholarships.

**Prerequisite:** AP Music Theory A

**Corequisite:** Participation in a performance ensemble

**Credit:** .5 unit

## OTHER MUSIC COURSES

### MUSIC TECHNOLOGY

Students will discover and explore introductory concepts used in music sequencing, notation and recording. No prior musical experience is needed, however, having training on an instrument or voice is helpful. Students will create music using sequencing/editing software, synthesizers and drum machines. Students interested in the current methods of music creation and production should consider taking this course. Students enrolled in Band, Chorus, or Orchestra may take Music Technology as an additional music course.

**Prerequisite:** Teacher approved.

### ADVANCED MUSIC TECHNOLOGY

Students who have taken Music Technology for a semester can continue in Advanced Music Technology.

**Prerequisite:** Teacher approved.

**Credit:** .5 unit

### CLASS PIANO 1

### CLASS PIANO 2

Class piano is a one-semester course designed to teach students the basics of playing the piano, including scales, playing chord progressions, lead sheets, and performing written music.

**Credit:** .5 unit

**Prerequisite:** Teacher approved.

### MUSIC TECH ENSEMBLE

The Music Tech Ensemble will learn how to play their instruments using technology found in Apple Music's "MainStage 3" program. The ensemble will also focus on learning techniques to improvise. As well as performing as a music tech ensemble, the group will provide live accompaniment to "The Corporation", as well as becoming the core group for the Musical Pit Ensemble.

**Prerequisite:** Selection by audition.

**Credit:** .5 unit

## PHYSICAL EDUCATION

### *Instructions for selecting Physical Education Courses*

1. Students must provide their own gym outfits in accordance with the policy of the Physical Education Department. Uniforms may be purchased at the school.
2. Successful completion of Personal Fitness and one paired activity PE course are required for graduation.
3. S.C. law provides that suitable modifications be provided "for students physically or mentally unable or unfit to take the course or courses prescribed for normal pupils." Students needing modification should obtain a Physician's Statement form at the Guidance office. Information provided by the physician will be used by the Physical Education Review Committee to recommend appropriate modifications for the student.
4. JROTC I (see page 64) can be used to fulfill the Physical Education requirement.

### Semester Courses

#### PERSONAL FITNESS

PE 1

PE 2

PE 4 - TEAM SPORT

**Must be a current team member; physical required; must have coach's approval to register.**

All PE courses provide students with instruction in a combination of sports and leisure activities organized around the SC State PE Standards. These courses are appropriate for students who have completed Personal Fitness.

# ACADEMIC SEMINAR PROGRAM

The Academic Seminar program is designed to meet the learning needs of students identified as learning disabled, emotionally disabled, mildly mentally disabled, orthopedically disabled or other area under IDEA guidelines. Teachers work with students on a regularly scheduled basis each day, working on an individual remedial program for each student. Students earn one-half unit of elective credit for each semester.

## ACADEMIC SEMINAR

This course concentrates on academic areas in which the student may be experiencing some difficulty, based on diagnostic tests. Areas may include written expression, reading, mathematics, and emotional and affective needs. Some tutorial work related to the student's other academic courses may be included. There is much communication among the Academic Seminar teacher, classroom teachers, and parents. These students generally pursue a state high school diploma.

## ACADEMIC SEMINAR - READING

Registration through Academic Seminar teachers only.

## VISUALLY IMPAIRED

### VISUALLY IMPAIRED ACADEMIC SEMINAR

An Academic Seminar class for students who attend Spartanburg High School from the SC School for the Deaf and Blind.

## OCCUPATIONAL/CREDENTIAL PROGRAM

The purpose of the OCCUPATIONAL program is to provide opportunities for students with special needs to learn functional academic, personal, social, and occupational skills that will prepare them for lifelong independent living, productive employment, and responsible citizenship.

### OCCUPATIONAL LANGUAGE ARTS 12

This course serves OCCUPATIONAL program students in grade 12. Topics for instruction include computer skills, functional reading, traditional and contemporary literature, employment related reading and writing, career research and effective communication skills. Enrollment in this class by permission only.

**Credit:** 1 unit

### OCCUPATIONAL MATHEMATICS 12

This course serves OCCUPATIONAL program students in grade 12. Topics for instruction include basic mathematical operations, technology skills, functional mathematics, measurement, consumer mathematics, and employment mathematics. Enrollment in this class by permission only.

**Credit:** 1 unit

### OCCUPATIONAL SERVICE LEARNING

OCCUPATIONAL SERVICE LEARNING is a semester course designed for 10<sup>th</sup> grade OCCUPATIONAL program students. Topics for instruction in OCCUPATIONAL INDEPENDENT LIVING include career goals, getting a job, benefits and deductions, and job related forms. Topics for instruction in OCCUPATIONAL SERVICE LEARNING include interpersonal skills on the job and keeping a job. These courses include volunteer projects in the

school and community. Enrollment in this class by permission only.

**Credit:** 1 unit

### OCCUPATIONAL EMPLOYMENT I

### OCCUPATIONAL EMPLOYMENT II

OCCUPATIONAL EMPLOYMENT I and II are yearlong courses designed for 11<sup>th</sup> and 12<sup>th</sup> grade students respectively. Topics for instruction OCCUPATIONAL EMPLOYMENT I include job maintenance, job seeking skills, pay, taxes, benefits, occupational safety, setting personal goals, self-advocacy, and job shadowing. Topics for instruction in OCCUPATIONAL EMPLOYMENT II include job seeking skills, occupational placement, conflict resolution, occupational safety, pay, taxes, benefits, and competitive employment. Enrollment in these classes by permission only.

**Credit:** 1 unit

### OCCUPATIONAL JOB EMPLOYMENT

This course is for 12<sup>th</sup> grade students in the OCCUPATIONAL program. Following occupational training, OCCUPATIONAL program students begin community-based supported employment training and competitive employment in the community. Employment sites are determined by students' skills and interests. Students are evaluated by the Employability Rating Scale, which is completed by their employers in the community. Enrollment in this class by permission only.

**Credit:** 1 unit

### OCCUPATIONAL SOCIAL SKILLS I

This occupational course helps students in the LIFE program learn the social skills they need to interact successfully with other teenagers and adults. Topics for instruction include appropriate behavior, self-control strategies, and stress management.

**Credit:** 1 unit

### OCCUPATIONAL SOCIAL SKILLS II

This occupational course helps students in the LIFE program learn the social skills they need to be successful in the workplace, school and home. Topics for instruction include advanced conversation skills, the interview process, and form completion.

**Credit:** 1 unit

### WORK STUDY I

### WORK STUDY II

These occupational classes give students the opportunity to do various unpaid jobs at school with supervision in preparation for paid employment. These classes are for 11<sup>th</sup> and 12<sup>th</sup> grade occupational students.

**Credit:** 1 unit

## **EMPLOYABILITY EDUCATION II – ADVANCED AWARENESS AND EXPLORATION**

The Employability Education II course is designed to develop skills general to all career majors; resource management, communication, interpersonal relationships, technology, stamina, endurance, safety, mobility skills, motor skills, teamwork, sensory skills, problem solving, cultural diversity, information acquisition/management, and self-management. This course content is focused on providing students with a repertoire of basic skills that will serve as a foundation for future career application. Students will expand their school-based learning activities to include school-based job shadowing and work-based learning activities. Job seeking skills also will be refined. Students may be involved in on-campus vocational training activities such as school-based enterprises, hands-on vocational training in career education courses and the operation of school-based enterprises. Additionally, the course will continue the focus on the development of self-determination skills as well as the career portfolio.

**Credit:** 1 unit

### **ESSENTIALS OF ENGLISH I**

Essentials of English I emphasizes English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. The integrated model of literacy for this course will focus on inquiry, analysis and communication to explore literary, informational, and non-print text.

**Credit:** 1 unit

### **ESSENTIALS OF ENGLISH II**

Essentials of English 2 emphasize English Language Arts literacy concepts that are aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. This course will focus on immersion of effective communication skills in both daily living and employment settings with the use of standard rules of convention and syntax to give and request information.

**Credit:** 1 unit

### **ESSENTIALS OF ENGLISH III**

Essentials of English III emphasize the English III course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will provide an integrated model of literacy and self-determination skills necessary for daily living and the world of work. This course will focus on reading, written and oral expression of information required in a variety of daily living and employment settings.

**Credit:** 1 unit

### **ESSENTIALS OF MATH I**

Essentials of Math I emphasizes basic mathematical concepts needed to compute real world algebraic problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to make sense of problems and persevere in solving them as well as connect mathematical ideas and real-

world situations through modeling. Students will use a variety of mathematical tools effectively and strategically.

**Credit:** 1 unit

### **ESSENTIALS OF MATH II**

Essentials of Math 1 emphasized basic mathematical concepts needed to compute real world algebraic problems that are aligned to the South Carolina College and Career-Ready Standards and the South Carolina Graduate. This course will allow students to identify and utilize structure and patterns as well as communicate mathematically and approach mathematical situations with precision utilizing mathematical tools effectively.

**Credit:** 1 unit

### **ESSENTIALS OF MATH III**

Essentials of Math III emphasize the mathematical concepts needed to compute real world algebraic and geometric problems that are aligned to the South Carolina College and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to identify and utilize structure and pattern as well as communicate mathematically and approach mathematical situations with precision utilizing mathematical tools effectively.

**Credit:** 1 unit

### **ESSENTIALS OF SCIENCE I**

Essentials of Science I emphasize the biology course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to engage in problem solving, decision making, critical thinking, and applied learning to become scientifically literate and consumers of scientific information.

**Credit:** 1 unit

### **ESSENTIALS OF SCIENCE II**

Essentials of Science II emphasizes the Physical Science course of study aligned to the South Carolina College-and Career-Ready Standards and the Profile of the South Carolina Graduate. This course will allow students to engage in core concepts (patterns; cause and effect; scale, proportion, and quantity; systems and system models; energy and matter; structure and function; and stability and change) to become scientifically literate and consumers of scientific information.

**Credit:** 1 unit

### **ESSENTIALS OF SOCIAL STUDIES I**

Essentials of Social Studies I emphasizes the United States History and the Constitution course of study aligned to the South Carolina Standards and the Profile of the South Carolina Graduate. This course will provide a reward of literacy for the 21st century student. This course will allow students to engage in problem solving, decision making, critical thinking, and applied learning required in citizenship.

**Credit:** 1 unit

### **ESSENTIALS OF SOCIAL STUDIES II**

Essentials of Social Studies II emphasize the governmental system of the United States and understanding the nature and purpose of government. This course will further emphasize geography relating to map and global skills.

**Credit:** 1 unit



## **SUCCESSFUL LIVING II**

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Students who are served under IDEA and are on the State Employability Credential course of study will enroll in the Successful Living class as one of the 6 required elective classes. The Successful Living class will be a non-diploma and non-credit bearing course. Successful Living will empower students by equipping them with skills that lead to improvements in the areas of relationships, resources, personal care and more. Both theoretical knowledge and hands-on application will be assessed. Topics to be covered include: Family Relationships, Money Management, Home Care & Safety, Clothing Care, Grooming, Food Preparation & Kitchen Safety, Personal Care and Technology.

**Credit:** 1 unit

## **EMPLOYABILITY EDUCATION I CAREER AWARENESS AND EXPLORATION**

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The Employability Education I course is designed for students to explore interests, research careers, create resumes, practice interview skills, and conduct informational interviews and job shadows. This course is designed to introduce students to the fundamental attitudes, behaviors, and habits needed to obtain and maintain employment and make career advancements. Students will participate in school-based learning activities including work ethic development, job-seeking skills, decision-making skills, and self-management. Students will begin a career portfolio as part of the requirements for the South Carolina High School Credential. Formal career planning and development of knowledge regarding transition planning begins in this course and continues throughout the strand of the employability education courses.

**Credit:** 1 unit

# JROTC

## JUNIOR RESERVE OFFICER TRAINING PROGRAM

Spartanburg High School, in cooperation with the U.S. Army, offers a JROTC program to all its students to teach students character education, student achievement, wellness, leadership, and diversity, in a structured interactive environment facilitated by retired military personnel. The curriculum is based on the principles of performance-based, learner-centered education and promotes development of core abilities: capacity for life-long learning, communication, responsibility for actions and choices, good citizenship, respectful treatment of others, and critical thinking techniques. Collectively, these lessons and the opportunities for students to participate in ceremonies, parades, adventure training, field trips, and community service projects help to motivate students to be better citizens. In addition to promoting citizenship, JROTC also prepares cadets for post-secondary options including college, the workforce, or advanced rank in military service. In addition to the curriculum, JROTC offers students the opportunities to participate and compete in extracurricular activities such as the drill, color guard, air rifle marksmanship, raider, and archery teams. Additionally, JROTC may be used instead of PE to fulfill the state physical education requirements for graduation.)

### JUNIOR ROTC I: Introduction to Leadership and Character Development

This course engages first-year cadets in the practice of basic citizenship customs, traditions, and in the exploration of opportunities for non-military and military national service. Orients cadets to the purpose of the Army JROTC Program and to their roles as cadets; Provides opportunities for cadets to become familiar with the Department of Defense, examining how all branches of the U.S. Armed Forces work together to serve the nation by defending democracy and maintaining peace. Develops cadet leadership potential through the application of principles, values, and strategies in Leadership Labs, where cadets apply leadership skills to drill movements, techniques, and commands as they move from novice to expert. Prepares cadets to work effectively as team members and leaders, and act as mentors to other cadets. Emphasizes the role of the leader in promoting equal opportunity, addressing prejudice, and preventing sexual harassment and assault. Also provides cadets the opportunities to learn about major, non-military service organizations.

#### Prerequisite Completion of the eighth grade during the school year of enrollment

**NOTE:** JROTC may be used as a substitute for the P. E. required for a high school graduation. A student must complete both semesters to receive credit for this course.

### JUNIOR ROTC II: Intermediate Leadership and Character Development

This course provides information and tools cadets need to take responsibility for physical and mental wellness. Cadets assess their personal status and develop plans for improving nutrition and exercise habits and for controlling stress. Helps cadets make responsible choices about substance use and to prevent substance abuse. Develops cadet proficiency in providing basic first aid. Develops cadet leadership potential through the application of principles, values, and strategies in Leadership Labs, where cadets apply leadership skills to drill movements, techniques, and commands as they move from novice to expert. Helps cadets build effective relationships with peers, co-workers, and the community. Correlates the rights and responsibilities of citizenship to the purposes of U.S. government. Actively engages cadets in applying problem solving strategies to events in U.S. history and to current political and social issues Americans face today. Also applies physical and political geography to building global awareness.

**PREREQUISITES: Completion of one semester of JROTC LET I A or B**

### JUNIOR ROTC III: Advanced Leadership and Principles of Management

This course builds essential skills cadets need to maximize learning potential and future success, and lays the groundwork for service learning. Recognizing the value of their varied learning styles and multiple intelligences, cadets apply learning strategies to improve critical thinking, study, and communication skills. As cadets progress through the program, they extend their learning strategies by taking on the responsibilities for teaching younger cadets. Cadets also develop and expand their abilities to resolve conflict and prevent violence. In addition, this course helps cadets prepare for life after high school as it focuses on career planning and engages cadets in personal financial planning as they work through the High School Financial Planning curriculum.

**Completion of one semester of JROTC LET II A or B**

### HONORS JROTC LET III: Honors Advanced Leadership and Principles of Management

This course builds essential skills cadets need to maximize learning potential and future success, and lays the groundwork for service learning. Recognizing the value of their varied learning styles and multiple intelligences, cadets apply learning strategies to improve critical thinking, study, and communication skills. As cadets progress through the program, they extend their learning strategies by taking on the responsibilities for teaching younger cadets. Cadets also develop and expand their abilities to resolve conflict and prevent violence. In addition, this course helps cadets prepare for life after high school as it focuses on career planning and engages cadets in personal financial planning as they work through the High School Financial Planning curriculum. Emphasizes the demonstration of advanced command and staff principles while performing the duties of an earned leadership position within the cadet battalion.

**Prerequisites: Completion of JROTC LET II with a minimum "B" average**

### **JROTC LET IV: Leadership Seminar, Emotional Intelligence and History**

This course maximizes a cadet's potential for success in earned leadership positions within the cadet battalion through learning and self-management. Develops advanced leadership skills. Helps cadets build effective relationships with peers, co-workers, and the community through conflict resolution and service learning. Characterizes the role of the military in building and defending a democracy and maintaining peace in a democratic society.

**Prerequisite: Completion of one semester of JROTC LET III A or B**

### **HONORS JROTC LET IV: Honors Leadership Seminar, Emotional Intelligence and History**

This course maximizes a cadet's potential for success in earned leadership positions within the cadet battalion through learning and self-management. Develops advanced leadership skills. Helps cadets build effective relationships with peers, co-workers, and the community through conflict resolution and service learning. Characterizes the role of the military in building and defending a democracy and maintaining peace in a democratic society. Emphasizes the demonstration of advanced command and staff principles while performing the duties of an earned leadership position within the cadet battalion.

**Prerequisites: Completion of JROTC LET III HONORS with a minimum "B" average**

### **EXTRACURRICULAR TEAMS**

#### **Drill Team**

This team is open to all JROTC cadets interested in representing the battalion at Drill Competitions throughout the Southeast. The drill team focuses on basic regulation armed and unarmed drill and marching skills at the individual, squad and platoon

levels. Tryouts are conducted during August and January and practices are conducted twice each week from August through April.

#### **Color Guard Team**

This team is open to all JROTC cadets interested in representing the battalion at Color Guard Drill Competitions throughout the Southeast. In addition to representing the battalion at meets, the team presents the colors during school and community events throughout the year. Tryouts are conducted during August and January and practices are conducted once each week from August through April.

#### **Raider Team**

This team is open to all JROTC cadets interested in representing the battalion at Raider Team Competitions throughout the Southeast. The raider team focuses on individual physical fitness, first aid, knot tying, land navigation and high adventure training activities. Tryouts are conducted during August and January and practices are three times each week from August through April.

#### **Rifle Marksmanship Team**

This team is open to all JROTC cadets interested in representing the battalion in Air Rifle Marksmanship Matches throughout the World. The rifle team focuses on gun safety and improving individual marksmanship skills. Tryouts are conducted during August and January and practices are twice each week from August through April.

#### **Archery Team**

This team is open to all JROTC cadets interested in representing the battalion in Archery Matches throughout the World. The archery team focuses on archery safety and improving individual archery skills. Tryouts are conducted during August and January and practices are twice each week from August through April.

# AVID

## **AVID FRESHMAN**

AVID Freshman is an academic elective course that prepares students for college readiness and success. This is the first course of a 4-year program that equips students for advanced courses in high school and future college-level coursework. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students also participate in tutor-facilitated study groups, college and career exploration, and motivational activities. AVID Freshman focuses on building foundational skills such as note-taking, communication, self-advocacy, leadership, and organization/time management.

**Prerequisite: Completing Application and Teacher Recommendation**

**Credit: 1 Unit**

## **AVID SOPHOMORE**

AVID Sophomore is an academic elective course that prepares students for college readiness and success. This is the second course of a 4-year program that equips students for advanced courses in high school and future college-level coursework. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students also participate in tutor-facilitated study groups, college and career exploration, and motivational activities. AVID Sophomore focuses on refining skills such as note-taking, communication, self-advocacy, leadership, and organization/time management. Time will also be spent on finalizing career goals, determining college aspects of interest, and preparing for college entrance exams.

**Prerequisite: AVID FRESHMAN OR Application and Teacher Recommendation**

**Credit: 1 Unit**

## **AVID JUNIOR**

AVID Junior is an academic elective course that prepares students for college readiness and success. This is the third course of a 4-year program that equips students for advanced courses in high school and future college-level coursework. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students also participate in tutor-facilitated study groups, college and career exploration, and motivational activities. AVID Junior focuses on applying skills such as note-taking, communication, self-advocacy, leadership, and organization/time management. Time will be spent on finalizing careers and colleges of interest, taking college entrance exams, exploring financial options, and other college-bound activities.

**Prerequisites: AVID FRESHMAN and/or AVID SOPHOMORE OR Application and Teacher Recommendation**

**Credit: 1 Unit**

## **AVID SENIOR**

AVID Senior is an academic elective course that prepares students for college readiness and success. This is the final course of a 4-year program that equips students for advanced high school courses and future college-level coursework. Students participate in activities that incorporate strategies focused on writing, inquiry, collaboration, organization and reading to support their academic growth. Students also participate in tutor-facilitated study groups, college and career exploration, and motivational activities. AVID Senior focuses on applying skills such as note-taking, communication, self-advocacy, leadership, and organization/time management. Time will be spent on applying to colleges, applying for financial aid, preparing to retake college entrance exams, creating plans for post-secondary success, and other college-bound activities.

**Prerequisites: AVID FRESHMAN and/or AVID SOPHOMORE and/or AVID JUNIOR OR Application and Teacher Recommendation**

**Credit: 1 Unit**

## EARLY COLLEGE

Through dual credit courses, students can earn college credit and high school elective credit at the same time. Taught by either qualified SHS faculty or faculty from Spartanburg Community College or USC-Upstate, these are college courses meeting on the SHS campus or on the college campuses. Applicable *tuition, books, and course fees apply*. Students who desire to enroll in a dual credit course from either Spartanburg Community College or USC Upstate must see their counselor in order to begin the registration process. College credits earned from these courses generally may be used at any SC public college or university. Tuition and book fee amounts for registered students will be determined at the beginning of each semester. See your counselor for information regarding early college and dual credit opportunities at the institutions or programs below:

Viking Early College  
Spartanburg County Early College  
Spartanburg Methodist College  
Wofford College

Upstate Scholars Academy  
Spartanburg Community College  
USC Upstate

## MISCELLANEOUS

### LEADERSHIP SEMINAR

This course focuses on developing leadership skills in students. The course consists of students who are elected by the student body and are the student leaders of the school.

**Credit:** 1 unit

### TEACHER CADET I - EXPERIENCING EDUCATION (DUAL CREDIT)

This year-long introduction to the field of education includes discussions on human growth and development, self-esteem, barriers to learning, the school and community, and current issues in education. Guest speakers and field trips add to the diverse curriculum. Second semester offers a Practicum, in which the student shadows a mentor teacher in a District 7 elementary school. Juniors and Seniors with an unweighted GPA of 3.0 or better in college-prep (or higher) classes may apply. To receive dual credit, a student must successfully complete both semesters of this course.

**Credit:** 1 unit

### TEACHER CADET II - EDUCATIONAL PSYCHOLOGY (DUAL CREDIT)

This year-long course is a continuation of the Teacher Cadet I curriculum and allows students to further explore the field of education through lecture, discussion, observation, and cooperative learning. Students are required to complete an extended field experience in a District 7 school to make connections between theory and practice. Case studies will be used to provide students with opportunities to apply psychological principles to solve practical problems. To receive dual credit, a student must successfully complete both semesters of this course.

**Pre-requisites:** 3.0 on a 4.0 scale; a grade of 70% or better in Teacher Cadet I- Experiencing Education

**Credit:** 1 unit

### ENGLISH AS A SECOND LANGUAGE

This one semester course is for non-native speakers of English who have not scored Proficient on the English Language Development Assessment. Skills in speaking, writing, listening, and reading will be developed. Students will perform oral pattern drills, answer questions orally, complete vocabulary and

grammar exercises, and provide written samples. In accordance with SDE standards, this content-based instruction uses instructional materials, learning tasks, and classroom techniques from academic content areas as the vehicle for developing language, content, cognitive skills and study skills. English is used as the medium of instruction, and an ESOL-certified teacher delivers instruction in content-based ESOL. This instruction helps English Language Learners (ELLs) at the beginning and intermediate levels to learn academic content while learning English.

**Credit:** 1 unit

### CAREER INTERNSHIP

Designed to acquaint students with careers and career preparation, this one-semester course combines classroom discussion with internships in several career areas in the community. The internships require students to fulfill work responsibilities outside of school under the supervision of community mentors. Internship assignments are based as much as possible on students' expressed career interests

**Prerequisite:** Instructor/guidance department approval

**Credit:** 1 unit

### COMPREHENSIVE HEALTH

This one semester course is the culmination of the Comprehensive Health curriculum. Course content includes all areas required by the Comprehensive Health Education Act of 1988 for students at the high school level.

**Credit:** .5 unit

### DRIVER EDUCATION/FIRST AID & SAFETY

In the first segment of this course, students participate in the classroom phase of Driver Education, studying traffic laws, the care and maintenance of an automobile, safety measures, proper attitudes for good driving, and road signs. In the first aid segment, students learn current first aid techniques. Elements of the D.A.R.E. Drug Abuse Resistance Education program may be part of this course. Behind-the-wheel training in Driver Education is available after school hours for students who make individual arrangement and pay a fee of \$100.00.

**Credit:** .5 unit

## **What is an Individualized Graduation Plan (IGP)?**

Once a year, students will meet with their guidance counselor for their Individualized Graduation Plan meeting. At this meeting, the following will be discussed:

- The student's post high school graduation plans (i.e., plans to achieve an Associate or Bachelor's degree, entering the armed forces, seeking industry certification, finding employment, etc...).
- A 9th through 12th grade outline of classes that students should take, including core academic classes required for graduation and electives.
- Out-of-class learning opportunities that students may want to pursue, such as job shadowing and/or joining student organizations and clubs.
- The student's chosen career cluster. Students will be given an opportunity to choose one of the 16 career clusters offered at Spartanburg High School.

Please direct questions to SHS Guidance Department.

# IGP Checklist: 8<sup>th</sup> Grade Conference

<input type="checkbox"/>	<b>PowerSchool</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Parent and Student Portal Access</li> <li><input type="checkbox"/> Correct Legal Name</li> <li><input type="checkbox"/> Home Address</li> <li><input type="checkbox"/> Phone # _____</li> <li><input type="checkbox"/> Email Address: _____</li> </ul>
<input type="checkbox"/>	<b>Post-Secondary Plans:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> 2-Year College</li> <li><input type="checkbox"/> 4-Year College</li> <li><input type="checkbox"/> Military</li> <li><input type="checkbox"/> Workforce</li> <li><input type="checkbox"/> Career Interest: _____</li> <li><input type="checkbox"/> Career Cluster: _____</li> </ul>
<input type="checkbox"/>	<b>Review:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Current Schedule</li> <li><input type="checkbox"/> Current Grades</li> </ul>
<input type="checkbox"/>	<b>Academic/Career Assessment Data:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Standardized Test Scores</li> <li><input type="checkbox"/> SCOIS</li> <li><input type="checkbox"/> PSAT</li> <li><input type="checkbox"/> Other(s)</li> </ul>
<input type="checkbox"/>	<b>Topics and Resources Discussed:</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> ACT/SAT Information</li> <li><input type="checkbox"/> End of Course Exams (EOC)</li> <li><input type="checkbox"/> SC Uniform Grading Policy</li> <li><input type="checkbox"/> SC Graduation Requirements – SC 4-year College Entrance Requirements</li> <li><input type="checkbox"/> South Carolina Scholarship Programs – Importance of 3.0+</li> <li><input type="checkbox"/> NCAA Eligibility Center</li> <li><input type="checkbox"/> Extended Learning Opportunities</li> </ul>
<input type="checkbox"/>	<b>4 Year Worksheet</b>

*Reminder: You can access your IGP throughout the year by logging into the PowerSchool Student/Parent Portal.*

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Parent Guardian Designee Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
School Counselor Signature

\_\_\_\_\_  
Date

# IGP Checklist: High School Conference

<input type="checkbox"/>	<b>PowerSchool</b> <input type="checkbox"/> Parent and Student Portal Access <input type="checkbox"/> Correct Legal Name <input type="checkbox"/> Home Address <input type="checkbox"/> Phone # _____ <input type="checkbox"/> Email Address: _____
<input type="checkbox"/>	<b>Post-Secondary Plans:</b> <input type="checkbox"/> 2-Year College <input type="checkbox"/> 4-Year College <input type="checkbox"/> Military <input type="checkbox"/> Workforce <input type="checkbox"/> Career Interest: _____ <input type="checkbox"/> Career Cluster: _____
<input type="checkbox"/>	<b>Review:</b> <input type="checkbox"/> Current Schedule <input type="checkbox"/> Current Grades <input type="checkbox"/> Transcript <input type="checkbox"/> GPR <input type="checkbox"/> Class Rank (SC Uniform Grading Policy)
<input type="checkbox"/>	<b>Graduation Requirements:</b> <input type="checkbox"/> South Carolina Diploma (Credit Requirements) <input type="checkbox"/> College Requirements
<input type="checkbox"/>	<b>South Carolina Scholarship Programs</b> <input type="checkbox"/> Hope <input type="checkbox"/> Life <input type="checkbox"/> Palmetto Fellows <input type="checkbox"/> Lottery Tuition Assistance <input type="checkbox"/> SC Commission on Higher Education <a href="http://www.che.sc.gov">www.che.sc.gov</a> <input type="checkbox"/> SC Needs-Based Grant Program <input type="checkbox"/> Importance of 3.0+
<input type="checkbox"/>	<b>College &amp; Career Readiness Assessment Results and Information:</b> <input type="checkbox"/> SCOIS <a href="http://www.scois.infocareers.org">www.scois.infocareers.org</a> <input type="checkbox"/> ASPIRE <a href="http://www.discoveractaspire.org">www.discoveractaspire.org</a> <input type="checkbox"/> PSAT (if taken) <a href="http://www.collegeboard.com">www.collegeboard.com</a> <input type="checkbox"/> ACT <a href="http://www.actstudent.org">www.actstudent.org</a> <input type="checkbox"/> SAT <a href="http://www.collegeboard.com">www.collegeboard.com</a> <input type="checkbox"/> College Readiness Benchmarks (PLAN or ACT) <input type="checkbox"/> AccuPlacer <input type="checkbox"/> Workkeys <a href="http://www.act.org/workkeys">www.act.org/workkeys</a> <input type="checkbox"/> ASVAB <a href="http://www.asvabprogram.com">www.asvabprogram.com</a>
<input type="checkbox"/>	<b>Topics and Resources Discussed:</b> <input type="checkbox"/> ACT/SAT Information <input type="checkbox"/> End of Course Exams (EOC) <input type="checkbox"/> SC Uniform Grading Policy <input type="checkbox"/> SC Graduation Requirements – SC 4-year College Entrance Requirements <input type="checkbox"/> South Carolina Scholarship Programs – Importance of 3.0+ <input type="checkbox"/> NCAA Eligibility Center <input type="checkbox"/> Extended Learning Opportunities
<input type="checkbox"/>	<b>Additional Topics &amp; Resources</b> <input type="checkbox"/> Introduce FAFSA/Financial Aid <a href="http://www.fafsa.ed.gov">www.fafsa.ed.gov</a> <input type="checkbox"/> NCAA Eligibility Center- (College Athletes) - <a href="http://www.eligibilitycenter.org">www.eligibilitycenter.org</a> <input type="checkbox"/> Extended Learning Opportunities

**Reminder:** You can access your IGP throughout the year by logging into the PowerSchool Student/Parent Portal.

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

Parent   Guardian   Designee Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
School Counselor Signature

\_\_\_\_\_  
Date