

GRASSFIELD HIGH SCHOOL GUIDANCE DEPARTMENT

2007 Grizzly Trail
Chesapeake, VA 23323
(757) 558-4249– Main Office
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Mission Statement

The mission of Grassfield High School is to empower each student to become a successful member of an ever-changing global society by providing a rigorous, comprehensive educational program enriched with technology in a safe, personalized environment enhanced by parental and community support.

Greetings from the Grassfield High School Guidance Department! Enclosed, you will find information regarding scheduling for the 2017-2018 school year. Parents/Guardians, please review this information with your student in order to make the best course selections for the up-coming school year.

Scheduling Information Meetings

Guidance will present scheduling information to the student body during the week of **February 6, 2017**. Elective teachers will host a scheduling fair in the Food Court beginning at 6:00 p.m. on Thursday, February 09, 2017 to highlight the various elective courses available to students.

The scheduling worksheet must be completed and signed by the parent and student and returned to the homeroom teacher no later than Feb 10, 2017.

A course verification letter will be sent home for parents and students to verify the courses the student has entered for the upcoming school year on March 6, 2017. It must be signed and returned. **If any changes are necessary this will be the only time that they will be accepted. Please choose your courses wisely!**

GHS recommends that every student take **eight courses** for the 2017-2018 school year. Seniors who have written permission from a parent/guardian and who meet diploma requirements may take six courses and be released after third block. If a senior elects to take less than eight courses, he/she must leave the building directly after his/her last course of the day.

Performance Music courses will be scheduled with the A/B modified block configuration. These courses will alternate with the following:

- A. Freshman---Music/Physical Education 9
- B. Sophomores-Music/Physical Education 10
- C. Juniors---Music/Economics & Personal Finance
- D. Seniors—Music/Government

Administrators

Mr. Perez	Principal
Mrs. Pallister	Assistant Principal for Instruction
Mr. Freeman	Assistant Principal
Mrs. Kitchens	Assistant Principal
Mr. Fulford	Assistant Principal
Mr. Haughinberry	Assistant Principal

Counselors

Mrs. Best	Guidance Director
Mrs. Freeman	STEM counselor
Mrs. McAndrews	9 th grade
Mrs. Thompson	10 th grade
Mrs. Creamer	11-12 last name L-Z
Mrs. Owens	11-12 last name A-K
Mrs. Pettway	Career Counselor

Purpose/Description of Block Scheduling

Generally, a 4 X 4 block schedule refers to the use of four classes (plus lunch) in the school day with each class 90 minutes in length. Students may complete four classes each term (fall and spring) for a total of eight classes for the school year. The fall term runs from September through January. The spring term runs from February through mid-June. At the end of the first term (end of January), the student will take exams, turn in books, and will have completed those classes.

The purpose of block scheduling is to enable the student to meet the Commonwealth's diploma requirements while affording him/her the opportunity to study additional courses that ordinarily do not fit in a traditional schedule. With block scheduling, students are able to leave high school better prepared to find acceptable employment, receive training in technical careers leading to employment, and to attend a college or university.

Scheduling Process

1. GHS students will view a presentation in February to receive a copy of this brochure. Students will take the brochure home to parents/guardians and discuss course selections for the upcoming year.
2. After meeting with the counselor in February/March, the student will bring home the copy of the course verification letter March 6, 2017. Any changes to the course requests should be noted on the letter and returned to the first block teacher. **All letters must be returned no later than March 10, 2017.** Due to staffing and budget constraints, no changes can be made after this date, the absolute deadline. Students and parents are encouraged to make wise choices when picking courses, including electives.
3. **This year course selections will be put in Synergy by the student. Instructions will be placed on Synergy as to how to enter course selections online.**

Scheduling Guidelines

Please read the following before making course selections:

1. **All students must take eight courses.** Seniors are the only exception. Seniors may take a 3 X 3 in their senior year. However, all GHS students are strongly encouraged to take eight courses each year and to stay in school all four years. This is the last opportunity for students to get an education at little cost to them, and students should take full advantage of their four years to be fully prepared for college, trade schools, the military, or the work force. Seniors leaving after third block **must provide their own transportation and leave the building promptly at the end of their class.**
2. **Students may take only one of the following required courses each year:** English, history, and physical education. Students may take more than one math, science, foreign language, or other elective per year, staying within the course sequence. **Math students should take Part A and Part B courses during the same school year.**
3. **Important note regarding math courses:** Students who want to take straight Algebra I (21011) or Geometry (22011) typically have earned high B's or better in their previous math courses. The same holds true for students who want to take straight Algebra II (23111) without taking Algebra/Functions/Data Analysis first. These three math courses are extremely accelerated and are designed for students gifted in math. Students who need two terms of Algebra II should take Algebra/Functions/Data Analysis (23011) first and then take Algebra II. Both 23011 and 23111 courses count as math credits. Spending two terms in the other Part A and B math courses students will: (1) earn two credits (one math credit and one elective credit); (2) have more time to master the material; (3) have more time with the teacher to review difficult topics; and (4) generally do better in advanced math courses. Students who skip AFDA will have to take Trigonometry to earn the Advanced Studies Diploma.

4. **Part A math courses count as electives and Part B math courses count as math credits. For these same students, Computer Math can only count as a math credit if the student is a career and technical concentration completer. All students working towards a Standard or Advanced Studies Diploma will have to pass Geometry to graduate.**
5. **Special Education** students will be scheduled according to their Individual Education Plans (IEP). Students will be scheduled by their special education teachers and/or their guidance counselors. Their proposed schedules must match their IEP's. **Students or parents who want to change the number of special education courses a student receives must first change the IEP with the special education case manager and IEP team.** Students may take support courses 1 or 2 terms.
6. Students shall not be granted credit for a course if absences total more than nine (9) class periods for a one term course or more than eighteen (18) class periods for a two-term course (example: AP English) unless extenuating circumstances are established. Students must file a request to be considered for extenuating circumstances by the committee (typically during the last couple of weeks of the term). Parents and students are reminded to document all absences for doctors' and legal issues in case the student needs to request extenuating circumstances.
7. Grassfield High School encourages all students to be successful in their first attempt in a course. **A student who fails a course in the fall term will not be able to repeat the same course in the spring term without the permission of the principal.** The only exception to this rule applies to graduating Seniors and for certain math courses. Graduating Seniors may repeat courses within the same year to remain on track towards graduation. All other students who fail a course will need to take it in summer school or repeat it during the following year.
8. All tenth graders who will be 16 years old by February 1, 2017 will be scheduled to take PE 2 in the first semester.
9. Students playing sports or participating in any Virginia High School League activity must have passed at least three new credit bearing classes the previous semester, be enrolled in three credit bearing classes, and also maintain a 2.0, "C", average.
10. Promotion Requirements are as follows:
 - **9th grade to 10th grade** – the successful completion of four credits (including English) and one verified credit (passing a science, history, or math class and the corresponding SOL test).
 - **10th grade to 11th grade** - the successful completion of ten credits (including two English credits) and three verified credits (passing one science, one history, and one math class and the corresponding SOL tests).
 - **11th grade to 12th grade** - the successful completion of fifteen credits (including three English credits) and four verified credits (including at least passing one science, one history, one math, and one English). **If a student fails English 11 in 11th grade and retakes English 11 in 12th grade, he will be classified as an 11th grader for the first part of the senior year.**

DIPLOMA REQUIREMENTS

Standard Diploma

Discipline Area	Standard Units of Credit Required	Verified Credits Required
English	4	2
Mathematics Courses completed to satisfy this requirement shall include at least three different course selections from among: Algebra I, Geometry, Algebra, Functions, and Data Analysis, Algebra II, or other mathematics courses above the level of Algebra II. <u>Only one unit of credit each may be used to satisfy the mathematics graduation requirement by completing Algebra 1 or Geometry. Computer Mathematics may be used in conjunction with Algebra 1 & Geometry to satisfy mathematics graduation requirements if the student also completes a career and technical concentration.</u> www.cteresource.org	3	1
Laboratory Science⁶ Courses completed to satisfy this requirement shall include course selections from at least two different science disciplines: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma.	3	1
History and Social Sciences⁶ Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and one course in either world history or geography or both.	3	1
Health and Physical Education	2	
Foreign Language, Fine Arts or Career and Technical Education⁷	2	
Economics and Personal Finance	1	
Electives⁴	4	
Student Selected Test⁵		1
Total	22	6
⁴ Courses to satisfy this requirement shall include at least two sequential electives as required by the Standards of Quality. ⁵ A student may utilize additional tests for earning verified credit in computer science, technology, career and technical education, economics, or other areas as prescribed by the board in 8 VAC 20-131-110. ⁶ Students who complete a career and technical education program sequence and pass an examination or occupational competency assessment in a career and technical education field that confers certification or an occupational competency credential from a recognized industry, or trade or professional association or acquires a professional license in a career and technical education field from the Commonwealth of Virginia may substitute the certification, competency credential, or license for (i) the student selected verified credit and (ii) either a science or history and social science verified credit when the certification, license, or credential confers more than one verified credit. The examination or occupational competency assessment must be approved by the Board of Education as an additional test to verify student achievement. ⁷ Pursuant to Section 22.1-253.13:4, Code of Virginia, credits earned for this requirement shall include one credit in fine or performing arts or career and technical education. ** Students who started school in September, 2013 and after will have to take an on-line component to graduate. This will be satisfied through the Economics/Personal Finance class. *** Students who started school in September, 2013 and after will have to earn/pass an industry certification test in order to earn the Standard Diploma.		

Advanced Studies Diploma

Discipline Area	Standard Units of Credit Required	Verified Credits Required
English	4	2
Mathematics Courses completed to satisfy this requirement shall include at least four different course selections from among: Algebra I, Geometry, Algebra II, or other mathematics courses above the level of Algebra II.	4	2
Laboratory Science Courses completed to satisfy this requirement shall include course selections from at least three different science disciplines from among: earth sciences, biology, chemistry, or physics or completion of the sequence of science courses required for the International Baccalaureate Diploma.	4	2
History and Social Sciences Courses completed to satisfy this requirement shall include U.S. and Virginia History, U.S. and Virginia Government, and two courses in either world history or geography or both.	4	2
Foreign Language Courses completed to satisfy this requirement shall include three years of one language or two years of two languages.	3	
Health and Physical Education	2	
Fine Arts or Career and Technical Education	1	
Economics and Personal Finance ** Students who started school in September, 2013 and after will have to take an on-line component to graduate. This will be satisfied through the Economics/Personal Finance class.	1	
Electives	3	
Student Selected Test A student may utilize additional tests for earning verified credit in computer science, technology, career or technical education, economics, or other areas as prescribed by the board in 8 VAC 20-131-110.		1
Total	26	9

Applied Studies Diploma (Special Diploma)

As of July 1, 2015, state legislation eliminated the term “Special Diploma”. In lieu of this language, the term “Applied Studies Diploma” will be used. This diploma is available to students with disabilities who complete the requirements of their Individualized Education Program (IEP) and who do not meet the requirements of the other diplomas.

Deciding among Core, Honors, and Advanced Placement Courses

The following information should be utilized to select the course that is appropriate for the ability level and interest of the student. It is particularly important for students to select the appropriate course before the school year begins as there will be very little opportunity for a level change once the academic year is in session. In addition, level changes are not ideal for the student – it is far better to make the *best* choice the *first* choice.

Criteria for Accelerated and Honors Courses as Listed in the CPS Secondary Catalogue:

When deciding whether or not a certain course or sequence is appropriate, students should be aware that these courses have been designed for students who meet all the following criteria:

- have consistently received grades of “B” or better in that subject area in the past;
- have the recommendation of their present teacher(s) in the appropriate subject; and
- have the approval of their parents.

Questions for Consideration before Selecting an Advanced Placement Course:

- Does the student read voluntarily and for pleasure?
- Does the student have enough time to complete assignments and prepare adequately for rigorous exams in light of other community and school commitments?
- Is the student willing to make studying for an AP course a priority?
- Is the student considering his/her academic strengths and goals rather than choosing a certain course simply to be with friends?
- Will the student handle the necessary constructive criticism well?
- Is the student able to deal with the complexities of difficult assessment items which require strong analytical skills?
- Is the student able to accept grades that are lower than those to which he/she is accustomed without undue anxiety?

	Core	Honors	Advanced Placement
Course Length	One term	One term	History – Two terms (FY) Government – One term Science – Two terms (FY) Physics – One term Math – One term English – Two terms (FY) Foreign Language – One term
Textbook and Reading Expectations	High school textbook with emphasis on guided reading of the sections related to the Standards of Learning	High school textbook with emphasis on additional guided reading for both content and enrichment as appropriate for honors level students. Summer assignments may be recommended for preparation purposes.	College level textbook with a minimum of 8-10 pages of reading per day. Students must be able to read for content without continual guided instruction. Summer assignments may be required for grading purposes.
Writing Expectations	Emphasis on paragraph writing for clarity that includes adequate factual support	Emphasis on essay writing that includes developing a thesis and supporting it with both significant factual information and analysis	Extensive emphasis on Free Response Question (FRQ) essay writing centered on a thesis which integrates factual content and analysis to support the thesis.

	Core	Honors	Advanced Placement
Document Analysis	Emphasis on reading and understanding the required documents listed in the Standards of Learning	Emphasis on reading and analyzing additional document selections in greater depth.	Extensive practice in document and data analysis that leads to incorporation of the documents as additional support in Document/Data Based Question (DBQ) essays and identifying bias and point of view.
Recommended Student Profile	Open to all students	College-bound advanced studies diploma students with a strong work ethic who have regular attendance and complete all homework thoroughly each day.	College-bound advanced studies diploma students with a strong work ethic who have regular attendance, complete all homework thoroughly on a daily basis, and are willing to study for rigorous national exams which are not made by a CPS teacher. No grade below a B in content courses and recommended GPA of at least 3.4
End-of-Course Assessments	Students are expected to pass the Standards of Learning (SOL) test and end-of-course exam	Students are expected to earn a score of “Pass Advanced” on the Standards of Learning (SOL) end-of course exam. The level of rigor of the course focuses on that goal Honors courses presume entrance into either another honors course <u>or</u> an Advanced Placement course and prepare students accordingly.	Students are expected to earn a score of at least a 3 on the Advanced Placement exam and a “Pass Advanced” on the Standards of Learning (SOL) end-of course examination and the rigor of the course is designed to meet those goals. Advanced Placement courses presume entrance into the next Advanced Placement course and prepares students accordingly
Weighted Grade	No additional weight	.025 added per credit to the overall GPA	.05 added per credit to the overall GPA for <u>each</u> term
Potential College Credits	None	None	3-8 semester credits, depending on the results of the AP or CLEP exam and the college where the student attends

Other Scheduling Options

Chesapeake Center for Science and Technology (CCST): A Pathway to Careers

CCST courses are yearlong, two block programs. Students will earn three credits for each program. Courses at CCST are competency based which includes theory, industry hands-on job skills, and workplace readiness training. Admission to CCST is through an application process. Students enrolled in programs at CCST are provided transportation to and from their high school. Good attendance is critical in these classes. They provide the students career, technical, and academic skills for entering the workforce or a post-secondary institution. Upon successful completion of courses at CCST, students are prepared to test for related industry credentials which include certifications, state licensure, and assessments. For more information, please see your high school Career Counselor, review the Chesapeake Secondary Student Catalog, go to CCST website, or contact CCST at (757) 547-0134.

College in the Afternoon

Tidewater Community College (TCC) offers several classes that juniors and seniors can take in the afternoon. These are college level classes, and students would receive college credits (not high school credits). Students who are interested in taking classes at TCC in the afternoon would need to: (1) complete a TCC application for Dual enrollment; (2) take the placement tests OR meet the SAT Reasoning or ACT Test score requirements; (3) talk to your guidance counselor about taking a challenging list of classes during the junior or senior year and fitting in the College in the Afternoon Classes. The list of classes that TCC offers each semester does change slightly from semester to semester, so talk to your guidance counselor about the offerings. For more information, students can contact Holly Estrada at TCC at 757-822-5116 or hestrada@tcc.edu

College and Career Pathways

Students may earn a Social Sciences Associate's transfer degree, a certificate of General Studies or a Mechatronics Certificate through TCC while earning a high school diploma. The Social Sciences Associate's transfer degree and the certificate of General Studies requires course work using Dual Enrollment (DE) and specific Advanced Placement (AP) classes and students will need to complete high school credit in mathematics while in middle school. The Mechatronics Certificate requires DE course work. Students will be on a special career pathway that includes taking selected classes in their high schools, working toward a high school diploma and a recognized industry credential in electronics. Current 8th graders interested in these programs should talk to their 8th grade counselor about creating a four year plan and seeing if this is a good option for them. There will be an information night regarding these programs on February 16 at 7 p.m. in the Indian River High School auditorium. Interested 8th graders and parents should attend.

Below you will find a brief description of each program and its requirements. The classes and grade levels listed below are the recommended sequences, but an individual 4 year plan may be created for a student who needs to adjust when certain classes are taken.

Mechatronics Certificate

This certificate will allow a student to take more classes in high school that focus on careers requiring electronic, mechanical, computer and control skills. These kinds of jobs include robot installation and maintenance, automation equipment installation, troubleshooting and maintenance, and PLC programming. Students will learn how to install, maintain, and repair the mechanical systems, controls, fluid power systems, electrical and electronic equipment found in various fields. The mechatronics training will equip students to make sure HVAC, mechanical, electrical and computer-driven systems run. Students pursuing this Certificate will typically be working towards a Standard Diploma but an Advanced Studies Diploma is possible

9th Grade – Must complete, or have completed, Algebra 1 and must take 77711 Technology of Robotics Design

10th Grade – Must take Electronic Systems 1 and 2 at the home school as a DE class – there will be a TCC placement test given and successfully passed prior to the fee of approximately \$270* for the year.

11th Grade – Must take 2 classes at TCC during the school day – approximately a \$315* fee

12th Grade – Student will spend the entire 2nd semester at TCC – approximately a \$720* fee

Social Sciences Transfer Degree

The goal is for the student to earn a Transfer Degree from TCC while still in high school. The student will take approximately 7 Advanced Placement (AP) classes throughout high school AND will need to score a 3 or higher on each AP test to receive college credit. Each AP test costs approximately \$91*. Student will also take DE classes at the home school and will take classes at TCC starting in the summer after 10th grade. During the senior year, the student will spend half of the school day at TCC. The approximate cost of all of the DE classes at TCC is \$1,305*.

9th Grade – Student should be scheduled for Algebra 2, Trigonometry, and Honors Biology and Honors Chemistry

10th Grade – Student will take 2 specific AP classes and will need to look at the possibility of classes at TCC in the summertime and/or taking a Chesapeake class in summer school.

11th Grade – Student will take several specific AP classes during this year and possibly TCC classes in the summer.

12th Grade – Student will take DE and specific AP classes at home school and will take several classes at TCC.

General Studies Certificate

This program is not as rigorous as the Transfer Degree, but it allows the student to earn a certificate from TCC stating that the student earned enough college credit while in high school for this certificate. Students would take approximately 4 specific Advanced Placement classes (student needs to earn a score of 3 or higher on each AP test) and 2 DE classes at home school, and they would need to take summer classes at TCC starting after the 10th grade year. Total costs would be approximately \$814* during the 4 years of high school.

9th Grade – Student should complete Algebra 1 AND Geometry and should take Honors Biology.

10th Grade – Student should be completing the 3rd year of foreign language and taking Honors Chemistry as well as AP European History. Student will take 1 class at TCC in the summer after 10th grade.

11th Grade – Student will take 3 specific AP classes and will take 1 class at TCC during the year and/or in the summer.

12th Grade – Student will take DE English 12 at home school.

*All prices are approximate as of the 2014-2015 school year. These prices may vary from year to year.

** There is no financial aid for any of the DE classes, but there are some scholarships for Mechatronics.

Dual Enrollment

Dual Enrollment classes are offered through TCC at the high school. In order for a student to take Dual Enrollment class, he/she must: (1) fill out a TCC application with a parent/legal guardian signature; (2) sign up for the course with the guidance counselor; (3) take the TCC placement exam in both English and mathematics and meet the minimum required assessment score OR provide the minimum Standardized Test Score results from the Dual Enrollment Transfer Course chart available at TCC; (4) purchase the textbook at the beginning of the year; (5) pay the cost of taking the class (during the 2014-2015 school year the cost was \$45 per credit (\$270 total) plus books per semester) and (6) be willing to complete the course(s) in its entirety. For your school's offerings in Dual Enrollment, please see your school's guidance counselor.

TCC proctors the Virginia Placement Test (VPT) at some of the high schools. If the student is not able to take the VPT at the high school, the student can take the VPT at the college. He/she will need to bring their TCC ID number to the TCC Testing Center at the Chesapeake Campus on Cedar Road. If you have any concerns or questions, you can contact Ms. Holly Estrada at 757-822-5116 or hestrada@tcc.edu.

The Virginia Placement Test (VPT) will assess your skill levels in English (reading and writing) and mathematics; the test is not timed. The VPT English portion can be taken one day and the math portion on another day; the student is not required to complete both portions on the same day. The Chesapeake Testing Center is open Monday-Thursday 8:30 a.m. – 9:00 p.m., Friday 8:30 a.m. – 5:00 p.m., and Saturday 9:00 a.m. – 1:00 p.m. No appointment is necessary to take the VPT.

Additional Information

Academic and Career Plans

School counselors will continue to work with students on their Academic and Career Plans (ACP) that were started in middle school. Counselors will meet with students throughout their high school career to revisit students' post high school education goals and their career plans. Counselors will also work with students in projecting what classes they will take not only the following year but through their senior year. This will enable students to better understand their status in keeping on track to graduate and taking classes that match up with their expressed career interests. A copy of the current ACP will be sent home by the end of the 10th grade year.

College Planning

Throughout a student's tenure at CPS, he/she will meet with the guidance counselor several times to choose classes for the following year and to discuss post-graduation plans. The guidance counselors also meet with seniors and their parents at the beginning of the senior year to discuss the college application process, but we know that many parents of underclassmen have questions and concerns about their children and college. The GHS Guidance Department encourages parents to make individual appointments with the guidance counselors to discuss specific concerns. Prior to these meetings, however, it is important for the parents and students to create a list of questions and/or to research admissions requirements for the schools in which they are interested. The Internet is an excellent way to accomplish this task. Parents and students can also benefit by visiting colleges and universities. It is best to call the admissions office ahead of time to ensure a tour of the school.

Virginia High School League (VHSL), 2.0 Eligibility Rules for Athletes, and NCAA

According to the Virginia High School League (VHSL), a student must have passed 3 classes for credit the previous semester AND be taking 3 credit bearing classes the current semester to be eligible for sports.

In addition to the VHSL rules, Chesapeake has a 2.0 eligibility rule. In order to be eligible for sports, a student must have a cumulative GPA of 2.0 or a GPA of 2.0 for the previous semester (this includes new students). Only final grades are used to determine GPA's (not report card quarter grades). In the fall semester, a ninth grader must have a 2.0 for the final grades of 8th grade or the second semester of 8th grade. **For this reason, 8th grade second semester grades are very important to rising ninth graders.**

If a student has established eligibility in Chesapeake by having the 2.0, and his/her grades fall below a 2.0, he/she can use a one-time only probation semester as long as the student has passed three classes the previous semester (as deemed by the VHSL regarding schools on 4 X 4 block scheduling). The probation semester is used the semester directly after the student has fallen below a 2.0 whether or not the student is an athlete that semester. During the probation semester, the student must attend a mandatory study hall for 90 minutes each week if he/she is an athlete that semester. The probation semester cannot be used by 9th graders in their first semester of high school or by transfer students who are not enrolling into IRHS with a 2.0

Students should see their coach or Athletic Director for specific information in regards to NCAA core classes, core GPA and filing the application on line. Student athletes can go to www.ncaaclearinghouse.com for more information. GHS also uses Core Course GPA which is free for our students to use. See your coach for more information.

GRASSFIELD HIGH SCHOOL COURSE OF STUDY 2017-2018

All courses will require a minimum student enrollment.

V= Online class, FY=Full Year

MB = Modified Block Schedule (A/B Days)

Prereq. = Prerequisite

Air Force JROTC

- 70011 AF ROTC I (9, 10, 11, 12)
- 70013 AF ROTC I11 (10, 11, 12; prereq. ROTC 1)
- 70014 AF ROTC IV (instructor approval)

Art

- 60011 Art I (9, 10, 11, 12)
- 60012 Art II (10, 11, 12; prereq Art 1)
- 60013 Art III (10, 11, 12; prereq. Art 2)
- 60024 Art IV (10, 11, 12; prereq. Art 3)
- 60111 Ceramics I (9, 10, 11, 12)
- 60112 Ceramics II (10, 11, 12; prereq. Ceramics 1)
- 60113 Ceramics III (10, 11, 12; prereq. Ceramics 2)
- 60611 Drawing (10, 11, 12; recommended Art 1)
- 60711 Painting (10, 11, 12; recommend Art 1 or Drawing)
- 63141 AP Art History (11, 12)
- 63341 AP Studio Art (12; prereq. Art 3 or Art 4)

Business and Marketing

- 70311 Principles of Business & Marketing (9-12)
- 70911 Economics and Personal Finance (11-12)
- 70910 Economics and Personal Finance (MB)
- 70917 Economics and Personal Finance online

Business

- 71111 Keyboarding Applications (9-12)
- 70611 Design, Multimedia & Web Technologies (10-12; prereq. 603)
- 70711 Computer Info Systems (10-12; prereq. 603)
- 70712 Adv Comp Info Systems (10-12; prereq 609)
- 70811 Accounting (10- 12; 603 recommended)
- 70812 Advanced Accounting (11, 12; prereq. 611)
- 70511 Business Management (10, 11, 12)
- 71011 Business Law (10, 11, 12)

Marketing

- 75811 Introduction to Marketing (9, 10, 11, 12)
- 76211 Digital Marketing (11, 12)
- 75911 Marketing (11, 12)
- 75912 Advanced Marketing (12; prereq. 651 or 652)
- 76011 Fashion Marketing (10, 11, 12)
- 76012 Advanced Fashion Marketing (11, 12; prereq. 652)
- 76111 Travel and Tourism Marketing (10, 11, 12)
- 76112 Advanced Travel and Tourism Marketing (11, 12; prereq. 654)

English

- 10011 English 9
- 10021* Honors English 9
- 11011 English 10
- 11021* Honors English 10
- 12011 English 11
- 12017 English 11 online
- 12021* Honors English 11
- 12141* AP English 11 Lang/Comp (FY - 2 credits)
- 13011 English 12
- 13017 English 12 online
- 13021* Honors English 12
- 13141* AP English 12 Lit/Comp (FY - 2 credits)
- 13351* College Composition I (TCC Dual Enrollment – (TCC app, placement test and tuition req.)
- 13451* College Composition II (TCC Dual Enrollment - prereq. 141)
- 17011 Public Speaking (prereq. English 9)

English

- 16711 Acting Techniques (10, 11,12)
- 16111 Drama I (9, 10, 11, 12)
- 16212 Drama II (10, 11, 12; prereq. 16111)
- 16313 Drama III (11, 12; prereq. 16212)
- 16414 Drama IV (11, 12; prereq. 16313)
- 16515 Drama V (12; prereq. 16711)
- 15111 Journalism I (10, 11, 12)
- 15212 Journalism II (10, 11, 12; prereq. 10011)
- 15310 Journalism III (10, 11, 12; prereq. 11011)
- 15414 Journalism IV (11, 12; application required) MB
- 15511 Creative Writing (11, 12; prereq. 11011/11021)
- 15611 Photojournalism I (10, 11, 12; prereq. English 9)
- 15612 Photojournalism II (10, 11, 12; prereq 15611)
- 15613 Photojournalism III (10, 11, 12; prereq 15212)
- 46111 Humanities (11, 12)

Family and Consumer Science

- 75211 Nutrition and Wellness (9, 10, 11, 12)
- 75511 Introduction to Culinary Arts (10, 11, 12)
- 75711 Culinary Arts I (10, 11, 12) (FY -2 credits)
- 75712 Culinary Arts II (10, 11, 12; prereq. 75711 FY -2 credits)
- 75011 Introduction to Interior Design (9, 10, 11, 12)
- 75111 Introduction to Fashion Design (9, 10, 11, 12)
- 75611 Fashion Careers I (10, 11, 12) (FY- 2 credits)
- 75612 Fashion Careers II (11, 12; prereq. 75611; 2 terms; 2 credits)
- 75411 Child Development and Parenting (9,10, 11, 12)

Foreign Language

- 50111 French I (9-12)
- 50212 French II (9-12; prereq. French 1)
- 50323 French III (9-12; prereq. French 2)
- 50424 French IV (10-12; prereq. French 3)
- 57025 Advanced French (11, 12; prereq. 50424)
- 50525 French V (fall; 11, 12; prereq. French 4)
- 50646 AP French (spring; 11, 12; prereq. French 5)
- 51111 German I (9-12)
- 51212 German II (9-12; prereq. German 1)
- 51323 German III (9-12; prereq. German 2)
- 51424 German IV (10-12; prereq. German 3)
- 51525 German V (fall; 11, 12; prereq. German 4)
- 51645 AP German (spring; 11, 12; prereq. German 5)
- 52111 Latin I (9-12)
- 52212 Latin II (9-12; prereq. Latin 1)
- 52323 Latin III (9-12; prereq. Latin 2)
- 52424 Latin IV (10, 11, 12; prereq. Latin 3)
- 52525 Latin V (fall; 11, 12; prereq. Latin 4)
- 52645 AP Latin (spring; 11, 12; prereq. Latin 5)
- 53111 Spanish I (9-12)
- 53212 Spanish II (9-12; prereq. Spanish 1)
- 53323 Spanish III (9-12; prereq. Spanish 2)
- 53424 Spanish IV (10-12; prereq. Spanish 3)
- 53725 Advanced Spanish (11, 12; prereq. Spanish 4)
- 53525 Spanish V (fall; 11, 12; prereq. Spanish 4)
- 53645 AP Spanish (spring; 11, 12; prereq. Spanish 5)

**** Summer Reading Assignment may be required***

History and Social Sciences

40011	World Hist. & Geo. to 1500 A.D. (9-12)
40021	Honors Social Studies 9 (9-12)
41011	World Hist. & Geo. 1500 A.D. to the Present (10-12)
41021	Honors Social Studies 10 (10-12)
41241	AP European History (10-12; 2 terms; 2 credits)
42011	Virginia and United States History (11)
42017	Virginia and United States History online (11)
42021	Hon Social Studies 11: VA/US History (11)
42141	AP United States History (11, 2 terms; 2 credits)
43011	Virginia and United States Govt (12)
43017	Virginia and United States Govt online (12)
43010	Virginia and United States Govt (MB) (12)
43021	Hon Social Studies 12: VA/US Govt (12)
43020	Hon Social Studies 12: VA/US Govt (MB) (12)
43141	AP Government and Politics (12)
43140	AP Government and Politics (MB) (12)
48041	AP Human Geography (11-12)
44011	World Religions (11- 12)
46011	Sociology (11-12)
45011	Psychology (11- 12)
45041	AP Psychology (11-12)

Mathematics

20001	Algebra Foundations (elective credit only)
21111	Algebra I Part A (9-12)
21211	Algebra I Part B (9-12; prereq. 21111)
21011	Algebra I (9-12)
20211	Computer Math Using the Graphing Calculator (10-12; prereq. 21111, 21211)
22111	Geometry Part A (9-12; prereq. Alg 1)
22211	Geometry Part B (9-12; prereq. 22111)
22011	Geometry (9-12; prereq. Alg 1)
23011	Algebra Functions and Data Analysis (10-12; prereq. Geometry)
23111	Algebra II (9-12; prereq. Geometry)
24011	Trig/Prob and Statistics (10-12; prereq. Alg 2)
25021	Math Analysis (10-12; prereq. Trig)
24111	Prob and Stats (10-12)
25121	Calculus (11, 12; prereq. Math Analysis)
25241	AP Calculus AB (11, 12; prereq. Calculus or Math Analysis with teacher recommendation)
25341	AP Calculus BC (11, 12; prereq. AP Calculus AB)
24241	AP Statistics (11, 12; prereq. or Trig or Alg 2 with teacher recommendation)
26011	Advanced Functions and Modeling (12 only, prereq Alg2)

Music

(Band, Orchestra, and Choral performance classes will be A/B days and will alternate with either PE 9, PE 10, Econ & personal finance, Govt, Hon Govt, AP Govt)

67011	Beginning Guitar (9-12)
66111	Symphonic Band (10-12; audition required)
66211	Concert Band (10-12)
66311	Percussion Ensemble (10-12 with instructor approval only)
66011	Band (9)
64411	Treble Chorus (9)
64311	Select Treble Chorus Ensemble (10-12 ; audition required)
64211	Select Choral Ensemble (MB) (10-12; audition required)
64011	Mixed Chorus (10-12)
65011	Orchestra (9; audition required)
65111	Chamber Orchestra (10-12, audition required)
65211	Concert Orchestra (10-12)
67211	Music Theory (10-12)

Physical Education and Health Education

59011	Physical Education I
59010	Physical Education I (MB)
59511	Personal Fitness 1 (PE 9 required prereq)
59111	Physical Education II
59110	Physical Education II (MB)
59211	Adv Physical Education- Weight Training (11, 12)
59311	Adv Phys Ed - Team & Individual Sports (11, 12)
59001	Adaptive Physical Education I (9)
59101	Adaptive Physical Education II (10)

Science

30011	Earth Science (9-12)
30021	Honors Earth Science (9-12)
30012	Earth Science II: Adv. Survey of Earth Science Topics (11, 12; prereq. Earth Science)
31011	Biology (9-12)
31021	Honors Biology (9-12)
35011	Biology II: Ecology (10-12; Biology; recommend Chemistry)
36011	Biology II: Anatomy and Physiology (11, 12; prereq. Biology/Chemistry)
31041	AP Biology (11, 12; prereq. Biology & Chemistry-FY-2 credits)
32011	Chemistry (10-12)
32021	Honors Chemistry (10-12)
32041	AP Chemistry (11, 12; prereq. Chemistry-FY- 2 credits)
33021	Physics (11, 12; prereq. Algebra 2)
33041	AP Physics 1 (prereq. Algebra 2)
33142	AP Physics 2 (prereq. AP Physics 1)

Special Education

90002	Academic Support (SLD)
90201	Affective Education (LEAD)
90301	Resource Seminar (ID)
90401	Development Workshop (ED)

Technology Education

Production Technology Programs

- 77811 Materials and Processes (9-11)
- 77911 Manufacturing Systems (9-12)
- 78011 Construction Technology (9 - 12)

Control Technology Programs

- 78111 Electronics Systems I (9-12; recommend 781 or 762)
- 78112 Electronics Systems II (10-12; prereq. 910)
- 79011 Power and Transportation (9- 12)

Technical Design and Illustration Programs

- 78211 Technical Drawing/ Design (9-11)
- 78311 Engineer Drawing/ Design (10-12; prereq. 911)
- 78511 Arch Drawing/ Design (10-12; prereq. 911)
- 78821 Digital Visualization (9-11)

Communication Technology Programs

- 77711 Technology of Robotic Design (9-11)
- 78711 Communications Systems (9-12)
- 78911 Graphic Communications (10-12)
- 77611 Imaging Technology (9-12,)

Additional Technology Programs

- 78411 Physics for Technology I (9, 10, 11, 12 prereq. 781)
- 78412 Physics for Technology II (9, 10, 11, 12; prereq. 917)

Governor's STEM Academy Courses

(Available only to students accepted and enrolled in the STEM Academy)

Programming and Software Development Pathway

- 6640 Programming
- 6641 Advanced Programming
- 6660 Database Design and Management
- 6661 Adv. Database Design and Manage
- 6670 IT Fundamentals

Global Entrepreneurship & Technology Pathway

- 76381 Global Marketing and Commerce
- 76382 Adv. Global Marketing and Commerce
- 76481 Sports Entertainment & Recreational Marketing
- 76482 Advanced Sports Entertainment & Recreational Marketing

- 76581 Leadership & Entrepreneurship Education
- 76681 Leadership Development

Engineering and Technology (Project Lead the Way) Pathway

- 79181 Introduction to Engineering
- 79581 Digital Electronics
- 79281 Principles of Engineering
- 79381 Aerospace Engineering
- 79481 Civil Engineering and Architecture
- 79681 Engineering Design & Development

Career and Technology Education

Special Programs

9062/9072VA Teachers for Tomorrow - This program provides the opportunity for students to become acquainted with the teaching profession and to experience a brief internship in a classroom setting. (11, 12)

Governor's School for the Arts (application & audition required)

- 669, 699 Musical Theatre I (1.5 credits per semester)**
- 670, 700 Dance I, II (1.5 credits per semester)**
- 671, 701 Visual Arts I, II (1.5 credits per semester)**
- 672, 702 Theatre I, II (1.5 credits per semester)**
- 673, 703 Vocal Music I, II (1.5 credits per semester)**
- 674, 704 Instrumental Music I, II (1.5 credits per credit)**

Tidewater Community College Program

"College in the Afternoon" is a program providing an opportunity for Seniors to take college-level courses while still enrolled in high school. **Application to TCC, placement test & tuition fee required.

One year programs at CCST

(Grade Level: 10, 11, 12)

The following three courses are a one year program

72611/72612 Emergency Medical Technician

(Grade Level: 11, 12)

Note: Age 16 prior to start of course

72711/72712 Health Care Technology: Nurse Aide

(Grade Level: 11, 12)

72111/72112 Greenhouse Management and Horticulture

(Grade Level: 10, 11, 12)

73011/73012 Nail Technician

(Grade Level: 10, 11, 12)

72521/72522 Practical Nursing

(Grade Level: 12)

Prerequisite: Algebra I, Biology, Chemistry, 2.5 GPA

Note: This is an 18 month course, students return as postgraduates to complete program

73111/73112 Public Safety/Firefighting

(Grade Level: 12)

Note: Age 16 prior to start of course

72811/72812 Radio Communications

Two Year Programs at CCST

Note: Grade 11 students will have first priority for the following two year programs listed for Grade Level: 11, 12.

73311 Auto Body I, Collision Repair-Grades 11,12

73351 Auto Body I, Collision Repair-Dual Enrollment option

71911 Automotive Technology I, Powertrain Specialist

(Grade Level: 11, 12)

71912 Automotive Technology II, Undercar Specialist

(Grade Level: 12) / Prerequisite: Automotive Technology I

72011 Computer Systems I-Dual Enrollment option*

(Grade Level: 11, 12)

72022 Computer Systems II-Dual Enrollment option*

(Grade Level: 12) / Prerequisite: Computer Systems I

72311 Heating, Ventilation, Air Conditioning, & Refrigeration I

(Grade Level: 11, 12)

72312 Heating, Ventilation, Air Conditioning, & Refrigeration II

(Grade Level: 12) / Prerequisite: HVAC I

72911 Television and Media Productions I

(Grade Level: 11, 12)

72912 Television and Media Productions II

(Grade Level: 12) / Prerequisite: Television & Media Productions I

72211 Welding

(Grade Level: 11, 12)

72212 Welding II

(Grade Level: 12) / Prerequisite: Welding I

72411 Cosmetology I- Grades 11,12

72412 Cosmetology II-Grade 12

Create your own 4 year plan

Middle School (High School Credit Classes)	
1)	3)
2)	4)

9 th Grade	10 th Grade
1) English 9	1) English 10
2) World History 1	2) PE 2
3) PE 1	3)
4)	4)
5)	5)
6)	6)
7)	7)
8)	8)

11 th Grade	12 th Grade
1) English 11	1) English 12
2) VA/US History	2) VA/US Government
3) EPF	3)
4)	4)
5)	5)
6)	6)
7)	7)
8)	8)

Future Goals

