

**CHARLES COUNTY PUBLIC SCHOOLS**  
**GRADUATION PATHWAY OPTIONS**

*Recommendations for Juniors in 2023-2024*

All students must choose one of the following pathways to graduation.

- 2 credits of World Language (strongly recommended for students who plan to attend college after high school)
- Career and Technology Education (CTE) Completer program

Students must decide on a pathway no later than Junior year in order to be able to complete all requirements. Students who meet the requirements for both pathways will be classified as dual completers at graduation.

Students planning to complete the **World Language** pathway and have not already completed two courses in the same language should enroll in a Spanish, Latin, or French course during 11th grade. If you have already completed the first course, you should enroll in level II of that same language. Both World Language credits must be in the same language to count towards graduation. Additionally, students who have already completed both courses and are intending to enroll in college after high school should be aware that some colleges require students to have completed three years of the same language for admission.

Students planning to complete a Career and Technology Education (CTE) Completer program for their pathway may select from the following:

- **Apprenticeship Maryland** is designed for students that want to gain experience in the workplace with plans to continue in that industry after graduation. This program is a unique opportunity to “earn and learn.” The program focuses on career pathways in Science, Technology, Engineering, and Mathematics (STEM) occupations. The STEM-related occupations include those in: Information Technology, Health and Biomedical Sciences, Manufacturing, Construction and Design, Banking and Finance, Students must complete at least 450 hours of work-based training under the supervision of an eligible employer and at least one year of related instruction. Please speak with Mrs. Reamy for application information.
- **Business Management and Finance** is a 3-year program intended for students who are seriously considering a career in business administration and management (accounting, financial analyst, management analyst, investment banking, etc.). If you have already completed the first course and wish to continue in the program, please sign up for Principles of Accounting and Finance. If you have already completed that course, you should sign up for Advanced Business Management.
- **Career Research and Development** is a 2-year program that consists of two in-school courses, a portfolio development project, and a work-based learning experience. Through both classroom instruction and work-based learning, Career Research and Development provides students with the academic, technical, and job skills necessary for further education and employment in a career field of their interest. Students enrolling in this program will complete their requirements in both 11th and 12th grade, including the requirement to have a job during 12th grade. If you wish to enroll in this program, you should sign up for Career Research & Development I.
- **Computer Science** is a 3-year program intended for students who are seriously considering a career in computer science (software engineer, app developer, web developer, data analyst, etc.). If you have already completed the first course and wish to continue in the program, please sign up for AP Computer Science Principles. If you have already completed that course, you should sign up for AP Computer Science A.
- **Maryland Fire and Rescue Institute (MFRI)** is a 2-year program available to students in 11th grade who are at least 16 years old prior to the first day of school. Students must submit an application this year if interested in this program. Students should have already taken their PE/health, fine art and technology education courses prior to 11th grade. Students will participate in the program related to fire prevention and control and emergency medical technology. The program includes classroom instruction as well as formal training at selected local fire companies. Students are required to complete a minimum of 393 hours of work-based learning and take the seven certification exams. This CTE pathway program is designed to allow students to complete all requirements and be certified in this area as well as have opportunities to earn college credit. The application should be turned in to Mrs. Reamy as soon as it is completed. It can

be found on [www.ccboe.com](http://www.ccboe.com) > Academics > Career Technical Education (CTE) > CTE Application Links > Maryland Fire and Rescue Institute Application or at the following link:

[https://resources.finalsite.net/images/v1666721148/ccboecom/g8fznlqbhrvjohzep7mu/MFRIApplicationSY22-23\\_1.pdf](https://resources.finalsite.net/images/v1666721148/ccboecom/g8fznlqbhrvjohzep7mu/MFRIApplicationSY22-23_1.pdf)

- **NJROTC** is a 3-year program that instills the values of citizenship and service to the community; develops a high degree of personal honor, self-reliance, individual discipline, and leadership; promotes an understanding of the basic elements and requirements for national security; promotes habits of orderliness and precision; and develops respect for constituted authority. There are weekly dress code and personal appearance standards for this program. Students who complete the program and enlist in the military may enter the service at a higher pay grade. If you have already completed the first course and wish to continue in the program, please sign up for NJROTC II. If you have already completed that course, you should sign up for NJROTC III.
- **PLTW Biomedical Sciences** is a 4-year program that is intended for students who are seriously considering a career in the health field (medicine, research, etc.). If you have already completed the first course and wish to continue in the program, please sign up for Human Body Systems. If you have already completed that course, you should sign up for Medical Interventions.
- **PLTW Pathway to Engineering** is a 4-year program intended for students who are seriously considering a career in science, technology, or engineering. The first course in this program will meet the technology education credit requirement if you complete the entire 4-year program. If you have already completed the first course and wish to continue in the program, please sign up for Principles of Engineering. If you have already completed that course, you should sign up for Digital Electronics and/or Civil Engineering.
- **ProStart Food & Beverage Management** is a 2-year program that introduces students to a wide variety of careers within the restaurant, food service, and hospitality industry. To enroll in this program, you must have already completed Foods & Nutrition Science. If you have already completed that course, you should sign up for Becoming a Food Service Professional I.
- **Teacher Academy of Maryland (TAM)** is a program that prepares high school students for post-secondary education and other careers in the education profession. TAM is a 3-year, four-course program for students planning to pursue a career in education. Upon successful completion of the four TAM courses, students will receive college credits towards a Maryland post-secondary teacher education program. Additionally, students will take the Para-Pro exam in preparation for entry into the workforce in the field of education. If you have already completed the first course and wish to continue in the program, please sign up for Human Growth & Development

The following 2-year programs are offered at Stethem Educational Center starting in 11th grade. Students in these programs attend La Plata High School half the day and Stethem the other half during both 11th and 12th grade. Students must be accepted to these programs through an application process that is NOW CLOSED. If you applied to one of these programs, you should indicate that on your Course Selection Sheet. You should also select 7 classes as though you will be at La Plata for the full day.

- Academy of Health Professions: Pharmacy Technician
- Academy of Health Professions: Physical Rehabilitation
- Automotive Technology
- Barbering
- Heating Ventilation and Air Conditioning (HVAC)
- Interactive Media Production

Additional information about all of the CTE programs can be found in the Career & Technology Education Completer Programs section of the CCPS "High School Program of Studies" (Pg. 19-40) at

<https://www.ccboe.com/departments/student-services/student-support/high-school-program-of-studies>.