The Grayson Technical Education Program offers exciting and innovative courses of study for Juniors and Seniors in Gwinnett County Public Schools. Our cutting-edge programs offer state-of-the-art technology, equipment, and facilities that go beyond what is available in other high school classrooms. Each program includes at least one academic course that will count towards graduation and Board of Regents admission requirements. Get ready to explore, create, and discover!

COMMERCIAL PHOTOGRAPHY

The Commercial Photography program offers you the perfect opportunity to develop your photography style in a highly creative environment, while exploring cutting-edge photography techniques, equipment, software, and technology. This hands-on program will equip you with a strong foundation as you develop your portfolio in both digital and film techniques. Broad exposure to all types of photography will help you find an area of specialty, such as sports, fashion, journalism, or portrait photography. An on-campus photo studio and industry-standard darkroom will give you experience in a professional setting. Students will have the opportunity to earn an Abode CC Photoshop certification as well as take part in an internship program to gain hands-on experience in the industry. This program embeds a 4th year Language Arts course for graduation and Board of Regents admission requirements.

CULINARY ARTS

If you love cooking or dream of becoming a chef, this program will turn your passion for Culinary Arts into a career. Every day you will work with a Certified Chef in a state-of-the-art facility equipped with industry-standard equipment found in leading kitchens and restaurants. You will learn the essential skills of professional cooking from an industry expert, including food preparation, knife skills, dining room service, menu development, and teamwork in the kitchen. Focusing on the skills of the bake kitchen, you will learn the foundations of baking including quick breads, yeast breads and rolls, cakes, cookies, pastries and pies. Students in the program will have the opportunity to earn two industry certifications the ServSafe Manager and Certified Fundamentals Cook (CFC). This program will also fulfill the fourth science requirement for graduation and Board of Regents admission requirements.

CYBERSECURITY

The Cybersecurity Program is taught in a rigorous classroom environment. This program will immerse you in the knowledge and skills required to install and configure systems; to secure applications, networks, and devices; perform threat analysis and respond with appropriate mitigation techniques; participate in risk mitigation activities; and to operate with an awareness of applicable policies, laws, and regulations. Qualified students at the end of the term will sit for the Security+ exam. Average pay of an individual with no experience, diploma, and Security+ certification is $49,200. This program embeds a 4th year Language Arts course for graduation and Board of Regents admission requirements. Students in the program have the opportunity to earn dual enrollment credit.

GRAPHIC DESIGN

Are you truly creative? Do you desire to learn the necessary skills to express yourself visually in the digital age? Then the Graphic Design Program is for you! Students in the program are immersed in a project based learning environment as they explore the basic fundamentals, concepts, principles, and tools of visual design present in today's professional design industry. As the year progresses, students are given the opportunity to pursue their particular area of interest in digital media, including illustration, branding, or animation through the development of personal and group projects. The program utilizes industry standard technical applications such as Adobe Creative Cloud, and students will have the opportunity to earn an Adobe CC Illustrator certification. This program embeds a 4th year Language Arts course for graduation and Board of Regents admission requirements.

ENTREPRENEURSHIP

Do you dream of founding your own successful and innovative business? Do you want to climb the corporate ladder to the top? Learn how to develop your leadership and business management skills through the Entrepreneurship program. The Entrepreneurship program will guide you through properly strategizing a plan and will assist you in seeking funding for your venture. Not sure if you want to go into business for yourself? This course will take you from the ideation process to exploration of financial, legal, and marketing, all while developing a personal business plan for an opportunity to pitch to local investors for start-up money and other resources. This program also includes a 4th year Language Arts requirement toward graduation and Board of Regents admission requirements. Students in the program have the opportunity to earn dual enrollment credit.

EXERCISE PHYSIOLOGY

The mission of the Exercise Physiology pathway is to provide a career/college ready education for students pursuing a kinesiology, medical, or athletic training degree. Due to increased costs in the healthcare market, more emphasis has been placed on preventative and rehabilitative care to reduce health concerns. The growth rate of personal trainers is at 7% with an annual 81.1 billion market. Students will explore the science of human health through designing a systems approach to exercise and conditioning. Students will learn fitness training assessments which will include programs such as resistance training, body fat/weight loss, nutrition, and agility. This course embeds a fourth science requirement for graduation and Board of Regents admission requirements for college. Students in the program have the opportunity to earn dual enrollment credit and a personal fitness certification to jump-start their career.

INFORMATION SUPPORT SERVICES and GAME DESIGN

This program is for students with a genuine passion for the computer industry. Taught from an industry perspective, in a nontraditional classroom environment, you will be engaged in interactive project-based learning activities. This program will immerse you in computer hardware, software, networking, operating systems, databases, and the important social, ethical, and legal issues surrounding information technology. Students in the program have opportunities to earn Microsoft MTA, Microsoft MOS, and TestOut Pro certifications. The embedded Game Design programming course fulfills the 4th science requirement for graduation and Board of Regents admission requirements for college. Students in the program have the opportunity to earn dual enrollment credit.

LAW ENFORCEMENT and CRIMINAL JUSTICE

Focusing on the causes, prevention, and prosecution of crime, the Law Enforcement & Criminal Justice program allows you to explore the role and structure of the government, the rights and responsibilities of citizens and police, the criminal justice system, courts and corrections, and civil/criminal law. You will explore the latest industry tools and techniques used in Law Enforcement such as radar guns, field sobriety tests, fingerprinting, handcuffing, and evidence gathering. Students will have the opportunity to complete in State-wide competitions in Criminal Justice, Crime Scene Investigation, Trial Advocacy, and leadership. This program will fulfill the fourth Language Arts requirement for graduation as well as Board of Regents admission requirements. Students in the program have the opportunity to earn dual enrollment credit.

MUSIC TECHNOLOGY

If you enjoy performing musically and want to gain additional skills using professional music software and technology, the Music Technology program will help you sharpen your craft. With an introduction to composing, digital recording, and music editing in a state-of-the-art classroom, you will create original songs and full accompaniments using the latest sequencing software, write music using notation software, and generate and edit MIDI files for electronic transfer. You will also compose and record music for use in film scoring, video production, and commercial advertising. Student throughout the year get to collaborate with industry insiders on various projects. This program includes Advanced Composition which can be used as the 4th Language Arts requirement towards graduation and Board of Regents admission requirements.

SPORTS MEDICINE

If you enjoy athletics and have a desire to help others, the Sports Medicine program will provide you with the opportunity to develop skills that will enable you to gain a competitive edge in the fields of physical therapy and sports medicine. This program provides information on medical terminology, nutrition, kinesiology, gait training, therapeutic exercise, pharmacology, modality, and treatment techniques in physical medical training. Opportunities for internships and clinical experiences will be a vital part of this program's educational experience. This program fulfills the fourth science for graduation as well as Board of Regents admission requirements.

VETERINARY SCIENCE/COMPANION ANIMAL SYSTEMS

For students with a sincere love for the care and medical treatment of animals, the Veterinary Technology program will allow you to explore turning your passion for animals into a lifelong career. In our state-of-the-art classroom and surgical facilities, you will experience hands-on medical procedures and work with animals every day gaining the skills necessary to be prepared for admission into highly competitive college programs in Veterinary Medicine and Animal Science. In addition to studying the history and evolution of animals, you will learn about breeds, anatomy, biomechanics and movement, selection and judging, genetics, reproduction, digestion and nutrition, health and behavior management, and animal housing. This program will fulfill the fourth science requirement for graduation and for Board of Regents admission requirements.

VIDEO PRODUCTION & TELEVISION BROADCAST

The Video Production & Television Broadcast program will give you the chance to bring your ideas to life and tell exciting stories through the lens of a camera. This program provides experience with the fundamental and advanced aspects of video production and the opportunity to use industry-standard equipment in our television and video production studio. Spending time in front of and behind the camera in our full-scale studio, you will gain exposure to a wide variety of program formats, including multiple camera interviews, commercials, music videos, short films, and others. All aspects of production from operating equipment to script writing, storyboarding, lighting, and audio are covered throughout the year. Students will learn the basics of television production and create regular news programs for Grayson High School in addition to video competitions and multimedia projects. Second semester, students are offered the opportunity to earn an Abode Premiere Pro CC certification as well as take part in a professional internship program to gain hands-on experience in the industry. Participants can earn 4 credits per year because there is a 4th year Language Arts course for graduation embedded in the program that fulfills the Board of Regents admission requirements in addition to the 3 elective credits earned during the school year.

For more information, or to learn how to apply for one of these exciting programs,
visit our website at www.graysontech.org or call 770-554-7082. *Gwinnett County Public Schools does not discriminate on the basis of race, color, national, origin, sex, disability, or age in its programs and activities and provides equal access to CTE programs.*