

CTE DEPARTMENT



Camden Public Schools

Program
Directory

2021/2022



Vision:

The Camden Public School's Career and Technical Education Department is committed to preparing and molding our students into global citizens who have the skills and attitudes that are necessary to actively participate in a 21st century global economy.

Section 1: CTE Fact Sheets

Section 2: Pathway Descriptions and Schedules

Section 3: CTE College and Career Planning Guide

Section 4: 10 Year Labor Market Occupational Outlook for Camden County



CTE TODAY!



What is Career and Technical Education?

- Includes 92% of high school students taking part in CTE and 38% concentrating in a CTE program¹, as well as 8.4 million individuals seeking postsecondary certificates and associate degrees in CTE fields²
- Is delivered flexibly through high schools, area career centers, career academies, community and technical colleges, four-year universities and more
- Educates students for a range of career options through 16 Career Clusters® and 79+ pathways
- Offers clear pathways to industry certifications, postsecondary certificates and degrees
- Partners with businesses to prepare students for tomorrow's workforce
- Fulfills employer needs in high-skill, high-wage, in-demand areas
- Prepares students to be college- and career-ready by providing core academic skills, employability skills and technical, job-specific skills

Today's cutting-edge, rigorous and relevant career and technical education (CTE) prepares youth and adults for high-wage, high-skill, in-demand careers in established and emerging industries.

CTE Works for High School Students

High school students involved in CTE are more engaged, graduate at higher rates and typically go on to postsecondary education.

- Participating in CTE is associated with a lower chance of dropping out and a higher chance of graduating on time.³
- The average high school graduation rate for students concentrating in CTE programs is 95%⁴, compared to an overall graduation rate of 85%.⁵
- High school graduates who earn CTE credits are about as likely to enroll in postsecondary education as the overall student population.⁶

CTE Works for College Students and Adults

Postsecondary CTE prepares students and adults for in-demand careers, and allows them to take on less debt.

- Students can attend public community and technical colleges for a fraction of the cost of tuition at other institutions: \$3,730, on average, in 2019-2020.⁷
- For workers with associate degrees, the percentage of "good jobs"—jobs that pay a median annual income of \$55,000 or higher without a bachelor's degree—grew by 83% between 1991 and 2016.⁸
- Individuals with associate degrees in CTE fields of study can earn \$10,000 more per year than those with associate degrees in other fields.⁹

CTE Works for Business

CTE addresses the needs of industries and helps close the skills gap.

- The nation's five fastest-growing occupations require education below a bachelor's degree¹⁰, as do half of all STEM jobs.¹¹
- Health care occupations are projected to grow 14% by 2028, adding almost 2 million new jobs.¹²
- Many of the almost 17.2 million workers employed in infrastructure jobs are nearing retirement.¹³
- 89% of manufacturers face talent shortages, with 60% reporting a high or very high impact on productivity.¹⁴

CTE Works for the Economy

Investing in CTE yields big returns for state economies.

- In Wisconsin, taxpayers receive \$12.20 in benefits for every dollar invested in the technical college system.¹⁵
- Oklahoma's economy reaps a net benefit of \$3.5 billion annually from graduates of the CareerTech System.¹⁶
- Colorado Community College System alumni in the workforce contribute \$5.1 billion annually to the state economy.¹⁷



CTE WORKS!



CTE Works for High School Students

- The average high school graduation rate in 2017 for CTE concentrators was 95%, compared to the national adjusted cohort graduation rate of 85%. (Perkins Collaborative Resource Network, customized Consolidated Annual Report data; U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2010-11 through 2016-17)
- CTE is associated with reduced rates of dropout and higher rates of on-time graduation, particularly CTE courses taken in 11th and 12th grades. (Gottfried and Plasman, Linking the timing of CTE coursetaking with high school dropout and college-going behavior, *American Educational Research Journal*, 2017)
- Arkansas high school students with more exposure to CTE are more likely to graduate, enroll in a two-year college, attain employment and earn higher wages and are just as likely to pursue a four-year degree as their peers. (Dougherty, *CTE in high school: does it improve student outcomes?*, Thomas B. Fordham Institute, 2016)
- CTE high school students in Florida who earn an industry certification are more likely to graduate on time, enroll in postsecondary education and earn higher wages. (ExcelinEd and Burning Glass, *Where the Credentials Meet the Market*, 2019)
- Employers overwhelmingly say that the most valuable employee skills are soft or employability skills such as professionalism, teamwork and

written and oral communication. The blend of technical, academic and employability skills that CTE programs provide best prepare students for fast-growing and high-earning jobs. (Orrell, *STEM without fruit: How noncognitive skills improve workforce outcomes*, American Enterprise Institute, 2018)

- CTE students and their parents are three times more likely to report being "very satisfied" with the real-world learning component of their education than non-CTE students and parents. (Advance CTE, *The Value and Promise of CTE: Results from a National Survey of Parents and Students*, 2017)
- Advanced CTE coursetaking in high school is associated with higher wages. Workers see a 2% wage increase for each upper-level CTE course taken. (Kreisman and Stange, *Depth over breadth: The value of vocational education in U.S. high schools*, *EducationNext*, 2019)

CTE Works for Postsecondary Students and Adults

- There are about 30 million "good jobs"—jobs that pay a median income of \$55,000 or more and require education below a bachelor's degree. Postsecondary CTE programs enable many people to earn associate degrees, postsecondary certificates and industry credentials that qualify them for these good jobs. (Georgetown University Center on Education and the Workforce, *Good Jobs*

Camden High Campus

Note: All courses are subject to change.

Brimm Medical Arts Academy:

Allied Health: Partnered With Rowan University

The Allied Health Pathway is a three course sequential progression that provides an orientation to health care services and their delivery. It presents an interdisciplinary perspective, focusing on process skills such as critical thinking, ethical reasoning, effective communication and ways to continue independent learning throughout life. The course shows how all health care providers acquire professional competence in dealing with the issues and problems they face as well as the role they play as informed consumers. The course also provides an overview of the therapeutic, diagnostic, health informatics, support services and biotechnology research and development systems of the healthcare industry. The course sequences include: Disease Prevention, Human Development, Medical Terminology and Anatomy and Physiology. The Allied Health Pathway prepares students for careers in: Nursing, Physical Therapy, Medical Assistant, Pharmacy Technician, Physician Assistants, Nursing Assistant, Radiologic Technologist, Phlebotomy and EMT/Paramedic.

Job Alignment: Nursing (LPN, RN), Physical Therapy, Chiropractor, Medical Assistant, Pharmacy Technician, Physician Assistants, Nursing Assistant, Radiologic Technologist, Phlebotomy and EMT/Paramedic, Physician.

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II	Medical Math	
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Technical Writing	Allied Health Lab	
CTE /Rotations Intro	Dynamics of Healthcare (EMS Certification Through CCC)	Medical Terminology	Anatomy and Physiology	
Elective	Elective	Elective	Senior Seminar	

Biomedical Sciences (State Approved Program of Study, Partnered With Rowan University):

Biomedical Science students will be empowered to explore and find solutions to some of today's most pressing medical challenges. This 4 course sequential progression through scaffolded activities that connect learning to life, students step into the roles of biomedical science professionals and investigate topics including human medicine, physiology, genetics, microbiology, and public health. Students work to find unique solutions, and in the process, learn in-demand, transferable skills like critical thinking and communication. They also explore the prevention, diagnosis and treatment of disease, working collaboratively to investigate and design innovative solutions to the health challenges of the 21st century such as fighting cancer with Nanotechnology.

Job Alignment: Biomedical Researcher, Forensic Scientist, Clinical Trials Coordinator, Medical or Pharmaceutical Sales

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II	Medical Math	
Global Studies	US I	US II		
World Language	World Language	Forensics(Elective)		
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Technical Writing	Biomedical Lab	
CTE /Rotations Intro	Principles of Biomedical Sciences	Human Body Systems	Medical Interventions	
Elective	Elective	Elective	Senior Seminar	

Camden STEM Academy:

Cisco Systems (State Approved Program of Study):

This three course sequential progression prepares students for the A+ Certification exam, which is an industry-sponsored test that establishes a benchmark level of knowledge and competency expected of computer service technicians who are in entry-level positions. A+ Certification also serves as the foundation for computer service professionals who are pursuing other valuable industry certifications such as the Cisco Certified Networking Associate (CCNA), Network +, and Microsoft Certified Professional (MCP). While preparing for the A+ Certification exam, students will gain a comprehensive knowledge base in PC hardware and Windows operating systems, networking basics, printers, and customer service. Hands-on labs also will provide the opportunity for students to enhance their skills in assembling, disassembling, servicing, trouble shooting and upgrading PC systems. Upon completion of this course, they will also know the basics of building a Windows 2000 network.

Job Alignment: Cisco certified Technician, Cisco Certified Network Associate.

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Cisco Lab	Cisco Lab	
CTE Rotations/Intro	Cisco 1	Cisco 2	Cisco 3	
Elective	Elective	Elective	Senior Seminar	

Construction Trades (State Approved Program of Study, Partnered with the Northeast Carpenters Union):

This three course sequential progression is a 21st century learning and careers program designed to provide students with nationally recognized skills providing an emphasis in framing, sheathing, flooring, masonry, footings, foundations, block and brick laying. Students will also experience the use of computer-aided drafting pertaining to floor plans and wiring diagrams. The curriculum is aligned with the Northeast Carpenters Union and is considered a Pre-Apprenticeship Program. Students who have passed each course assessment will receive certification issued by the Northeast Carpenters Union and upon completion of the program are eligible candidates for an apprenticeship with the Northeast Carpenters Union. If accepted into the Northeast Carpenters Union, those students who achieved certification in each secondary course will be credited with the completion of their first year of their post-secondary apprenticeship. The instructional program also includes the use of a variety of hand and power tools as well as the needed entry-level skills for employment in the building trades field.

Job Alignment: Carpenter, General Contractor, maintenance/repair, Construction Management

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	

Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Construction Trades Lab	Construction Trades Lab	
CTE Rotations/Intro	Construction Trades 1	Construction Trades 2	Construction Trades 3	
Elective	Elective	Elective	Senior Seminar	

Electrical Trades (State Approved Program):

This course covers general and accepted safety rules and practices for working with electrical circuits. Students gain a thorough understanding of federal, state and local safety rules and regulations. The selection and use of hand and power tools for electrical wiring as well as the instruments used for electrical measuring are addressed. The students will also learn to read electrical blueprints. Curriculum covers circuit analysis, branch circuit calculations, electrical theory and load calculations. A lab component affords students the opportunity for hands-on experience wiring a building according to blueprints and computer aided drafting. Students will have an opportunity to earn a nationally accredited certification through the NCCER (National Center for Construction Education and Research).

Job Alignment: Electrician, General Contractor, maintenance/repair

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Electrical Trades Lab	Electrical Trades Lab	
CTE Rotations/Intro	Electrical Trades 1	Electrical Trades 2	Electrical Trades 3	
Elective	Elective	Elective	Senior Seminar	

Engineering (State Approved Program of Study, Partnered With Rowan University):

The Engineering Program is a four course sequential progress that will empower students to step into the role of an engineer, adopt a problem-solving mindset, and make the leap from dreamers to doers. The programs courses engage students in compelling, real-world challenges that help them become better collaborators and thinkers. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take. Students will have the opportunity to take Dual-Credit Courses in their senior year through Rowan University.

Job Alignment: Mechanical Engineer, Electrical Engineer, Megatronics, Machinist, Civil Engineer, Environmental Engineer

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II	Rowan Dual-Credit Pre-Engineering	
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Elective	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Elective	Engineering Lab	Engineering Lab	Engineering Lab	
Intro to Engineering Design	Engineering Essentials	Principals of Engineering/Environmental Sustainability	Engineering Design and Development Capstone	
Visual and Performing Arts	Visual and Performing Arts	Elective	Senior Seminar	

Business Entrepreneurship: (State approved Program of Study, Partnered with Rowan University)

Business Entrepreneurship is a three course sequential progression where students learn the basics of personal finance, develop techniques for making wise consumer decisions, master economic principles and learn how business operates. The multifaceted discipline of business education includes subject matter areas that focus on the core areas of business (Management, marketing, finance, accounting, Sports and Event Management and entrepreneurship) on factors that affect business such as economics, international business, business law, and on examining business from different perspectives. At the end of the 3 course sequence will work towards earning the A*S*K Business Certification, which is a nationally recognized business certification.

Job Alignment: Entrepreneur, Marketing, Finance, Business Management, Business Analyst

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Entrepreneurship lab	Entrepreneurship lab	
CTE Rotations/Intro	Business and Marketing Essentials	Principles of Entrepreneurship	Principles of Entrepreneurship Advanced	
Elective	Elective	Elective	Senior Seminar	

Cosmetology:

The 4 course sequential progression, the Cosmetology program prepares students to apply technical knowledge and skills related to experiences in a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction includes training in giving shampoos, rinses and scalp treatments; hair styling, setting, cutting, coloring, tinting and bleaching; permanent waving, facials; manicuring; and hand and arm massaging. Bacteriology, anatomy, hygiene, sanitation, salon management and customer relations are also covered.

Job Alignment: Hairstylist, Cosmetologist, Hairdresser

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts		Senior Sem	
Cosmetology I	Cosmetology II	Cosmetology III	Cosmetology IV	
Lab	Lab	Lab	Lab	

Creative Arts Academy:

Dance:

Dance is a 4 course sequential progression with various guest artists and alumni instruction. Ballet, modern, jazz, tap, theory, Dance Health & Injury, and cultural dance are all a part of this school's enriched dance curriculum. The Creative Arts Morgan Village Academy Dance department has attended and or performed in several Youth Showcases for IABD, as well The High School Dance Festival, ACT-SO, The Philadelphia Thanksgiving Day Parade, Ghana Arts Festival, and years of community service performances.

Job Alignment: Choreographer, Dance-Teacher, Dance Studio Entrepreneur

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts			
Dance I	Dance 2	Dance 3	Dance 4	
Elective	Elective	Elective	Senior Seminar	

Apparel and Textiles:

In today's society, emphasis has been on fashion, clothing selections and related careers. Students are well aware of fashion and how it affects their lives and the lives of their peers. This 3 course sequential progression will allow students to take a closer look at their own sense of fashion through the eyes of the fashion world. To establish a feeling of accomplishment and pride the students will construct their own garments using personal preference in fabric. Students enrolled in the Apparel and Textiles pathway will be provided with the opportunity to acquire the knowledge and skills to perform hand and machine sewing techniques. Students will learn how to identify information found on a pattern. Students will demonstrate knowledge of how to measure the body, fractions, and yardage. There will be an emphasis on garment construction and textile recognition. The course work will be a combination of structured activities, self-motivated participation and classroom instruction. Presentations, demonstrations (teacher and student) will take place throughout all their course work. Guest speakers and/or field trips may enhance the program as needed. A hands-on approach will be an integral part of the course. Students will evaluate their own projects and those of other classmates, as needed.

Job Alignment: Visual Merchandiser, Associate Designer, Designer, Merchandise coordinator, Product Developer

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts		Senior Seminar	
Apparel and Textiles 1	Apparel and Textiles 2	Apparel and Textiles 3	Apparel and Textiles 4	

Big Picture Learning Academy:

Business Entrepreneurship: (State approved Program of Study, Partnered with Rowan University)

Business Entrepreneurship is a three course sequential progression where students learn the basics of personal finance, develop techniques for making wise consumer decisions, master economic principles and learn how business operates. The multifaceted discipline of business education includes subject matter areas that focus on the core areas of business (Management, marketing, finance, accounting, Sports and Event Management and entrepreneurship) on factors that affect business such as economics, international business, business law, and on examining business from different perspectives. At the end of the 3 course sequence will work towards earning the A*S*K Business Certification, which is a nationally recognized business certification.

Job Alignment: Entrepreneur, Marketing, Finance, Business Management, Accounting, Analyst

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Entrepreneurship lab	Entrepreneurship lab	

CTE Rotations/Intro	Business and Marketing Essentials	Principles of Entrepreneurship	Principles of Entrepreneurship Advanced	
Elective	Elective	Elective	Senior Seminar	

Woodrow Wilson High School

Education Pathway (State Approved Program of Study, Partnered With Rowan University):

The Education/ Teaching Pathway's curriculum is designed to prepare students for a career in education. The program focuses on the development of students' interest in education. Students enrolled in this program will have the opportunity for summer internships and a wide variety of field experiences.

Job Alignment: Teacher, Teacher Assistant, School Counselor, Childcare

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Elective	Education Lab	Education Lab	Education Lab	
Social Justice in Education/Rowan Dual Credit	Foundations of Education/Internship/Rowan Dual Credit	Characteristics of Knowledge Acquisition /Internship/Rowan Dual Credit	Human Exceptionalities /Internship/ Rowan Dual Credit	Upon successful completion of 12 th grade, students will have earned at least 12 College Credits in Education from Rowan University.
Visual and Performing Arts Elective	Visual and Performing Arts Elective	Elective	Senior Seminar	

Graphic Arts:

The goal of the Graphic Design Pathway is to develop an awareness and appreciation of the visual arts in every learner for grades 9, 10, 11 and 12. to develop an artistically informed student capable of using traditional and computer generated media, who is able to reflect on the Nature of human involvement in visual communications as a viewer, creator and participant. Through visual and creative connections all curricula are enriched and each child has an opportunity to learn in a fulfilling and engaging manner. Students in the Graphic Design Pathway will be given opportunities to apply their knowledge of the elements and principles of design with production in traditional and computer generated media. The students learn basic tools and techniques within the design software and apply that understanding to the creation of a variety of print based and web based assignments. By the end of the course sequences students will be afforded the opportunity to gain Adobe Photoshop and Illustrator Certification as well as the NOCTI Graphic Design Certification

Job Alignment: Graphic Designer, Creative Director, Production Artist, Art Director, Freelancer, Digital Marketing, Multimedia Artist or animator.

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Graphic Arts Lab	Graphic Arts Lab	
CTE Rotations/Intro	Graphic Arts 1	Graphic Arts 2	Graphic Arts 3	
Elective	Elective	Elective	Senior Seminar	

Hotel, Restaurant and Tourism Management: (State Approved Program, Developing Partnership with Stockton University)

Course Description: Hospitality, Restaurant and Tourism Management Pathway will provide students with broad-based learning on the tasks, knowledge, and skills required by anyone wishing to build a career within the hospitality and tourism industry. Students partaking in this pathway will engage in course work geared towards and managing in the Hospitality and tourism industry. Students will explore the organization and structure of hotels, restaurants, casinos, cruise lines, and clubs. It includes lessons on franchising, management contracts, business ethics, human resources and marketing. Students enrolled in the Hotel and Tourism Management pathway will have the opportunity to gain industry-recognized and portable professional certification from the American Hotel & Lodging Association—the Certified Hospitality and Tourism Management Professional (CHTMP) along with Serv-safe certification.

Job Alignment: Food and Beverage Management, Front Office Reception, Banquet and Conference Management, Resort Management, Restaurant Management, Spa and Wellness Management, Event Management, Casinos, Catering, Cruises.

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	

Visual and Performing Arts	Visual and Performing Arts	Hospitality, Restaurant and Tourism Lab	Hospitality, Restaurant and Tourism Lab	
CTE Rotations/Intro	Hospitality, Restaurant and tourism 1	Hospitality, Restaurant and Tourism 2	Hospitality, Restaurant and Tourism Management (Dual-Credit Stockton)	
Elective	Elective	Sports Marketing and Event Management	Senior Seminar	

Business Entrepreneurship: (State approved Program of Study, Partnered with Rowan University)

Business Entrepreneurship is a three course sequential progression where students learn the basics of personal finance, develop techniques for making wise consumer decisions, master economic principles and learn how business operates. The multifaceted discipline of business education includes subject matter areas that focus on the core areas of business (Management, marketing, finance, accounting, Sports and Event Management and entrepreneurship) on factors that affect business such as economics, international business, business law, and on examining business from different perspectives. At the end of the 3 course sequence will work towards earning the A*S*K Business Certification, which is a nationally recognized business certification.

Job Alignment: Entrepreneur, Marketing, Finance, Business Management, Analyst

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Entrepreneurship lab	Entrepreneurship lab	
Elective	Elective	Elective	Senior Seminar	

CAD (Computer Aided Design) (State Approved Program):

The CAD is a three course sequential progression designed to provide a learning experience for students aspiring to pursue a career in computer-aided drafting. Students will have the opportunity to become familiar with drafting technology, terminology, and hands-on experience with the Auto Cad software. Students will have the opportunity to take Dual-Credit Courses through Camden County College.

Job Alignment: Architectural Design, Drafter

9th	10th	11th	12th	Notes:
-----	------	------	------	--------

English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	CAD Lab	CAD Lab	
CTE Rotations/Intro	CAD 1	CAD 2	CAD 3	
Elective	Elective	Elective	Senior Seminar	

Cosmetology:

The 4 course sequential progression, the Cosmetology program prepares students to apply technical knowledge and skills related to experiences in a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction includes training in giving shampoos, rinses and scalp treatments; hair styling, setting, cutting, coloring, tinting and bleaching; permanent waving, facials; manicuring; and hand and arm massaging. Bacteriology, anatomy, hygiene, sanitation, salon management and customer relations are also covered.

Job Alignment: Hairstylist, Cosmetologist, Hairdresser

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry		
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts		Senior Seminar	
Cosmetology I	Cosmetology II	Cosmetology III	Cosmetology IV	
Lab	Lab	Lab	Lab	

Automotive (State Approved Program of Study):

The purpose of this course is to provide the student with the ASE aligned entry-level skills necessary for employment in the automotive technical field. The focus will be on Brake systems and Electrical / Electronic components. We will also cover tasks and competencies in the areas of Engine Performance, Suspension and Steering. Students will practice safety, refine their manipulative skills, expand related math and science information, discuss the job interview process and augment the technological skills necessary for post-secondary education or entry-level employment.

Job Alignment: Mechanic, Automotive Repair, Auto-body repair

9th	10th	11th	12th	Notes:
English 1	English II	English III	English IV	
Algebra 1	Geometry	Algebra II		
Global Studies	US I	US II		
World Language	World Language			
Algebra Based Physics	Biology	Chemistry	Specialization Elective CTE/Dual Credit	
Health and Phys Ed I	Health and Phys Ed II	Health and Phys Ed III	Health and Phys Ed IV	
Visual and Performing Arts	Visual and Performing Arts	Automotive Lab	Automotive Lab	
CTE Rotations/Intro	Automotive 1	Automotive 2	Automotive 3	
Elective	Elective	Elective	Senior Seminar	

College and Career Readiness Timeline for CTE

Grade	When	Activity
Freshman	Fall	Find out who your guidance counselor is and schedule a meeting to plan your academic course work. Take a career interest inventory. Explore CTE/Pathway offerings within the district based on your career interest inventory and personal preferences.
Freshman	Fall	Start planning with your parents about college/trade school/and career options.
Freshman	Fall	Start maintaining a list of activities, awards, community service, job experiences and other unique experiences.
Freshman	Winter/Spring	If possible, start researching employment data and ascertain what career pathways are most promising in terms of employment when you finish your education. Link: Labor Market Information NJ

Freshman	Winter/Spring	Meet with guidance counselors about CTE/Pathway offerings, as they require students to commit before entering 10th grade.
----------	---------------	---

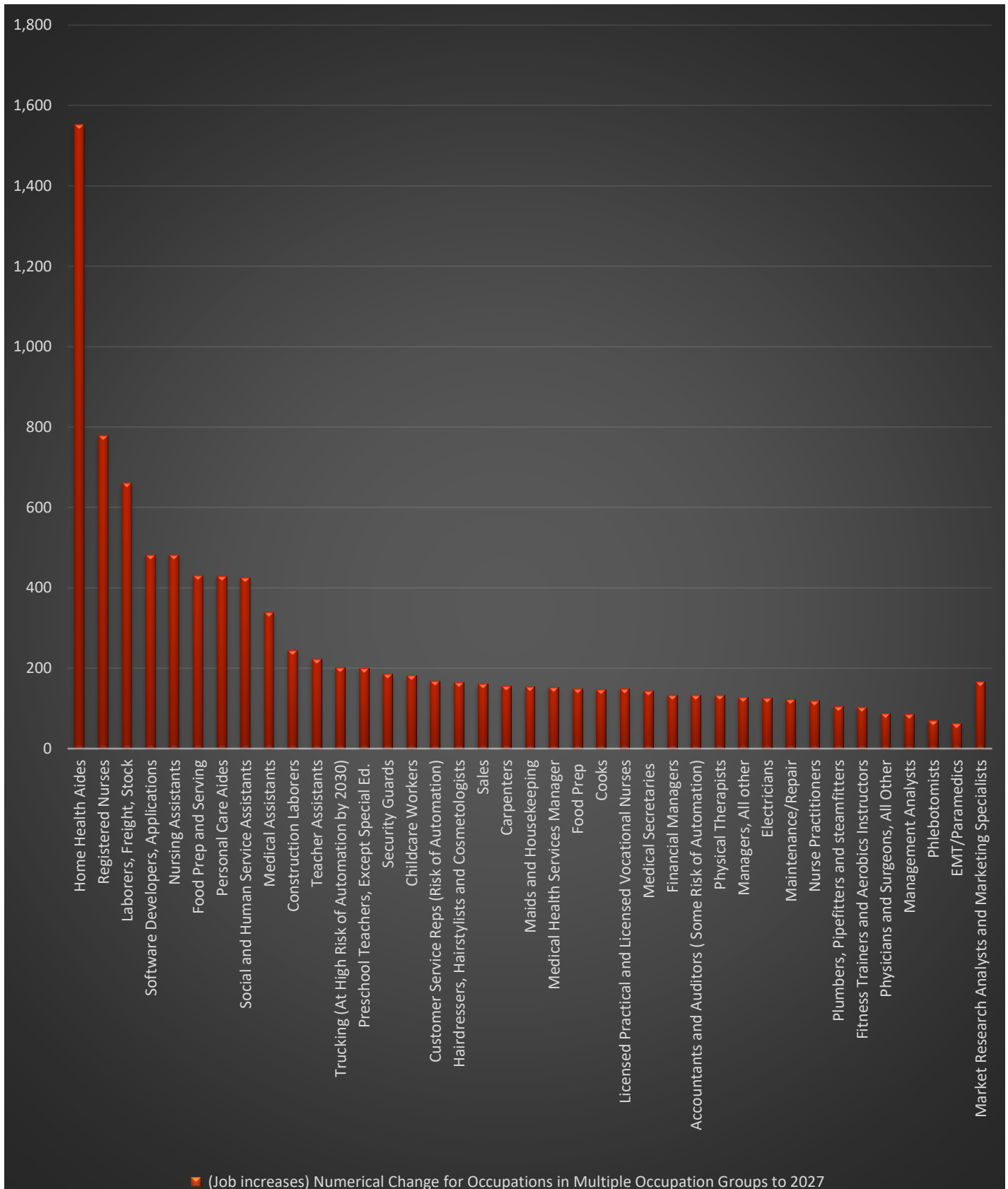
Grade	When	Activity
Sophomore	September	Inquire about taking the Plan (Pre-test for ACT), PSAT, These tests are important practice tests, which will prepare you for the ACT and SAT/SAT Subject Tests. Consult your guidance counselor about which test you should take.
Sophomore	October	Take the PSAT or PLAN on the test date offered at your high school.
Sophomore	December	You should receive PLAN and/or PSAT scores. Consult your school counselor to discuss remaining courses that may be required or would be beneficial for college.
Sophomore	April	Register for the June SAT Subject Test date if applicable. Many colleges require three SAT subject tests. Two of these should be in math and writing. Its a good idea to take these tests your junior year. If you want to take your third test in a subject you studied this year, (Bio or chemistry for example) you may want to complete that exam now while the information is fresh in your mind.
Sophomore	May	Start discussing internship possibilities with your counselor or CTE teachers. Many CTE Pathways have internship opportunities starting in your junior year.

Grade	When	Activity
Junior	September	Meet with your school guidance counselor to review your classes and plan for your senior year. Inquire about the PSAT/NMSQT test, date, time, and test location in October. You should also read our Financial Aid 101 material and investigate private sources of financial aid.

Junior	October	Take the PSAT/NMSQT to prepare for the SAT and SAT Subject Tests, and to be eligible for the National Merit Scholarship competition (scores from your sophomore year will not count in the competition).
Junior	December	Receive the results of the PSAT/NMSQT. Read your score report and consult your school guidance counselor or teachers to determine how you might improve. Sign up for the February ACT.
Junior	January	Begin to make a list of 15-20 colleges you would like to explore. Show the list to your parents and discuss their ideas and preferences about the kind of college you should attend. Apply for a social security number (if you do not already have one), it is required on many college applications.
Junior	February	Meet with your school guidance counselor to begin preparing a list of colleges to explore. Sign up for the March SAT. Begin to prepare for the SAT Subject Tests or ACT if appropriate
Junior	March	Send letters or e-mails to the colleges on your list requesting information, and evaluate the materials they send you. Share the materials with your parents. Take the SAT. Continue your research on private scholarships by finding out what awards students in your school and community are receiving.
Junior	March	Try to visit colleges during your spring break so you'll be on campus when classes are in session. Call the college's admissions office before you visit a campus. The admissions staff will schedule you for a campus tour and arrange an interview, if necessary. If possible, schedule an appointment with a financial aid counselor to learn more about the college's financial aid options. Be sure to bring your parents, their opinion is important and they can gain very valuable information by talking with a financial aid counselor
Junior	April	Sign up for the May/June SAT and/or SAT Subject Tests if appropriate. Take the ACT. Look into summer jobs or internships. Continue to evaluate colleges and begin to eliminate some choices from your list.
Junior	April	Make sure to pay attention and attend any College and Career Readiness Fairs Sponsored by the district. Be sure to ask questions about financial aid, as well as the academic program, student life, etc. Take the SAT Subject Tests and/or Advanced Placement exams, if appropriate.
Junior	June	Take the ACT
Junior	July/August	Begin working on college applications, scholarships, resume, etc...
Senior	September	Meet with your guidance counselor to review your college plans and evaluate them in light of your test scores and junior year grades. It is a good idea to involve your parents in this meeting and discuss your prospects for financial aid time.
Senior	September	If you have not already taken your required tests, or you and your counselor feel that you should take them again to try to improve your score, sign up for the October ACT or October/November SAT and or SAT subject Tests
Senior	October	Continue to file admission applications. You should also begin to prepare the Free Application for Federal Student Financial Aid (FAFSA) online at http://www.fafsaonline.com/ . Attend any FAFSA training the district maybe offering. Remember, FAFSA will is needed if you plan on attending a trade school as well as a 2 or 4 year post-secondary institution. Work with your parents to complete the FAFSA on or as soon as possible after January 1.

		Send it in no later than February 1. If the financial aid processor requests additional information in order to process your application, submit it promptly. Check with your high school to find out if your state student aid program requires an additional application.
Senior	November/December	File your last college applications. If you've applied for early decision, you should have an answer by now.

Job Market Alignment Information for Camden County



Percent of Change in Employment Occupation Groups by 2026

