

GED

**GENERAL EDUCATION
DIPLOMA (GED) / ISAEP**

The Individual Student Alternative Education Plan (ISAEP) is defined as an educational program which has been established to serve and assist students who appear unlikely to complete a traditional high school program



Health Science

NURSE AIDE (1 year, 3 credits)
Dual Enrollment / RCC
This course provides clinical experience in long-term care settings and is an excellent introduction to basic nursing skills. Learn anatomy, physiology, nutrition, and geriatrics.



Architecture & Construction

CARPENTRY (2 years, 6 credits)
Explore careers in residential and commercial carpentry including cost and materials estimating and remodeling while learning comprehensive carpentry skills.



ELECTRICITY AND CABLING
(2 years, 6 credits) Learn basic principles of direct and alternating current with emphasis on residential wiring. Earn one of four state-required years of electrical apprenticeship through standardized tests.



NNTC represents six county school systems.
*Colonial Beach
Essex
Lancaster
Richmond
Northumberland
Westmoreland*

Northern Neck Technical Center Governor's STEM Academy Programs



Career and Technical education (CTE) provides students opportunities...

- To gain work experience in businesses and industry
- To experience the excitement of participating in programs that combine academic and technical content, using a hands-on approach that makes learning relevant and fun.
- To develop academic, computer, technical, leadership, and workplace readiness skills
- To earn college credit through dual-enrollment courses with two- and four-year colleges and universities that will enable them to earn a degree in a shorter period of time.
- To earn nationally recognized industry certifications and licensures that will connect them to high-tech, high-paying careers.



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NORTHERN NECK TECHNICAL CENTER COURSE INFORMATION



HORTICULTURE

(1 year, 3 credits) Grown annuals, perennials, vegetables and herbs in a garden center setting. Study Horticulture therapy, techniques of floral design, plant propagation and transplanting.

LANDSCAPING

(1 year, 3 credits) Explore turf physiology of major turf grass species. Identify the role played by soil in turf growth. Students will have the opportunity to do various landscaping projects.



COSMETOLOGY (2 years, 6 credits)

Successful completion of this two-year course will qualify students to take the state board exam and potentially become a licensed cosmetologist, salon manager/owner, or skin care and makeup specialist.



CULINARY ARTS

(2 Years, 6 credits) Dual Enrollment / RCC. Learn the art and science of culinary preparation from a certified executive chef and gain hands-on experience in the restaurant business. This program is accredited by the American Culinary Federation.



COMPUTER SYSTEM TECHNOLOGY

(2 years, 6 credits) Students will learn the Microsoft Office Suite and sit for the many MOUS certifications. Students learn how to install, setup, service, troubleshoot, network and maintain PC's while preparing for CompTIA's A+ industry standard certifications



AUTO BODY REPAIR

(2 years, 6 credits) Gain hands-on experience with welding, plastic fillers, and refinishing equipment and processes.



AUTOMOTIVE TECHNOLOGY

(2 years, 6 credits) Learn maintenance and diagnostic procedures. Take the NATEF with N3SA Certification ASE test. BG service approved training. Students receive Commonwealth of Virginia Safety Inspection License Training.



MARINE SERVICE TECHNOLOGY

(2 years, 6 credits) The Marine Trades program is a two-year program. This program is designed to offer students hands-on operation of boats, motors and trailers and to teach the practical application in Marine Technology.



ENGINEERING/STEM

(1 year each/1 credit) Dual Enrollment/ RCC Prepares for a career in the high-tech industries including science, technology, engineering, and mathematics (STEM). Courses: Introduction to Engineering and Principles of Engineering.

