North Montco Technical Career Center
2021 - 2022

At-A-Glance

22 Programs
274 2021 Graduates

1326 Industry Recognized Certificates Earned
3% Joining the Military

64% Pursuing Post-Secondary Education
20% Working in a Trade-Related Field
73 Members of the National Technical Honor Society

140 PA Skills Certificates (NOCTI) Earned
11% Working in a Non-Trade Related Field
OPPORTUNITIES FOR SUCCESS

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What sets NMTCC apart?

North Montco Technical Career Center (NMTCC) is a great place to learn and explore a career before entering college, a technical school or the workforce. NMTCC offers you the tools for success. Here are just a couple ways that NMTCC differs from a traditional high school education:

Taking the fast track to a satisfying career

The educational experience at NMTCC extends beyond the classroom. Internships, community service, field trips, guest speakers and cooperative work experience provide students with valuable experience and expose students to various careers and possible career connections. All students benefit from NMTCC’s partnerships with business and industry; over 200 local employers volunteer their time on various school committees which help keep our programs in sync with the demands of the modern workplace. NMTCC provides the tools to put students on the fast track to a satisfying career.

Getting a head start on college

NMTCC maintains dual enrollment and articulation agreements with numerous colleges and technical schools. This means that NMTCC students can earn post-secondary credit while still in high school. These partnerships permit our students to earn college credits from these schools for the technical course work completed at NMTCC. NMTCC allows students to get a head start on college and save money at the same time.

Who can attend NMTCC?

Students in grades 9, 10, 11 and 12 who live in any of the 5 participating school districts may attend NMTCC depending on the enrollment schedule for your district. The participating districts include Methacton, North Penn, Perkiomen Valley, Souderton Area, and Wissahickon. In addition, the private schools of Dock Mennonite Academy and Lansdale Catholic are connected to NMTCC.

How Do I Enroll?

Review our programs on our website (www.nmtcc.org) for pre-requisites and costs. You may contact a North Montco Technical Career Center Guidance Counselor by calling 215-368-1177 or your sending school Guidance Counselor for registration information. Submission of student information does not guarantee a seat at North Montco Technical Career Center.

May I participate in activities at my high school?

The school day at NMTCC is structured so students can return to their high schools for after school activities and sports. Students are encouraged to participate in these activities at their sending high schools. In addition, by attending NMTCC, students have the opportunity to make new friends and exercise their leadership abilities in the career and technical student organizations that are active at NMTCC.
SOAR - STUDENTS OCCUPATIONALLY and ACADEMICALLY READY

A SOAR program is a Pennsylvania Department of Education approved, Career & Technical Education Program that credits skills and tasks learned at the high school level to a postsecondary (college) degree, diploma or certificate program. SOAR programs prepare today’s student for tomorrow’s high demand and high wage careers.

SOAR BENEFITS

• Saving Money on College Tuition
• Saving Time by Shortening College Attendance
• Getting on the Right Career Pathway
• Entering the Job Market Ready
• Getting a Consistent Education

HOW DO YOU GET STARTED?

• Your first step is to share this information with your parents.
• Together you can then contact your NMTCC counselor prior to scheduling for the next school year.
• Include college prep academic courses in your schedule to assure college success.

To view current advanced credit opportunities articulated with postsecondary institutions, go to PA Bureau of CTE SOAR programs under the Search button at www.collegetransfer.net.
Articulation Agreements
Each program has agreements with different technical schools where students can continue their education and receive credit for work completed while in high school.

Dual Enrollment
Are you a high school junior or senior who wants to earn several college credits before leaving high school? Get a step ahead by participating in the North Montco Technical Career Center (NMTCC) dual enrollment program.

What is Dual Enrollment?
The dual enrollment program is a special dual credit program designed for NMTCC students who want an enriching early college experience. This program allows students to take college-level courses that fulfill both high school and college graduation requirements.

Advantages of Dual Enrollment?
• Accelerates a student’s college career and provides quality educational experience close to home
• Allows qualified students the ability to earn college credit and high school credit at the same time
• Provides quality, college-level instruction at NMTCC during regular school hours
• Prepares students for immediate career opportunities, admission to the partnering school and transferable credits to other colleges on a parallel course-for-course basis
• Enables student to receive reduced tuition cost per credit

How do I apply for admission?
• In order to participate in a dual enrollment program, students must meet all NMTCC entrance requirements.
• Students may pick up an early admissions application from a NMTCC guidance counselor.
• Students must return the completed application to a NMTCC guidance counselor.

How do I register?
• Students may register at NMTCC by completing a dual enrollment course registration form which is available through the NMTCC Guidance Department.
• Students must complete the participating college’s online application.

What courses are available for Dual Enrollment?
Through Montgomery County Community College
• Biotechnology
• Culinary Arts
• Health Sciences

Through Reading Area Community College
• Note: Please contact the NMTCC guidance department for additional credits that may be available.

Post Secondary Partners
Some of the post-secondary institutions in which NMTCC has articulation agreements include the following:
• Automotive Training Center
• Bucks County Community College
• Gwynedd Mercy University
• Harcum College
• Johnson & Wales University
• Montgomery County Community College
• Nashville Auto Diesel College
• Northampton County Community College
• Northwestern College
• Ohio Technical College
• Pennsylvania College of Technology
• Reading Area Community College
• The Restaurant School at Walnut Hill College
• Universal Technical Institute (UTI)
• University of North Western Ohio

New for 2022-2023 school year - Students have the opportunity to enroll in the Honors level course of their CTE program. The Honors course is for 12th grade students who have demonstrated a high level of interest and achievement in their program and who aspire to an advanced level of learning.

The course is challenging, more demanding, provides multiple opportunities for students to take greater responsibility for their learning, and has requirements beyond those of the standard CTE courses within their program. Students in the Honors course will be exposed to industry-related advanced work, rigorous study of CTE subject matter with embedded academic content, and practical application of knowledge and skills to work-based situations. Students must meet the required prerequisites and submit a completed Academic Teacher Recommendation form during their 11th grade year to be considered for the Honors level course.
School-to-Career Learning Programs

School-to-career learning programs at NMTCC combine quality education with worksite learning so students are given the opportunity to apply the valuable skills they are learning. The School-to-Career office can assist with creating a resume and developing interviewing skills. This office also provides job postings for students who want to gain real-life, on-the-job experience before graduating from high school. One of NMTCC’s School-to-Career programs may be the opportunity you need to further your career goal.

The programs available to students at NMTCC include:

• Internship
• Pennsylvania Youth Apprenticeship Program (PYAP)
• Cooperative Education (Co-op)

Internship (non-paid)

Internships provide students with the opportunity to spend time at local businesses and non-profit organizations. Internships also provide valuable, real-life experience, build interpersonal and workplace skills and enable students to put classroom theory into practice.

Pennsylvania Youth Apprenticeship Program (PYAP)

This employer-driven program offers paid, on-the-job training experience through a partnership with a sponsoring company. Employers participate with school staff to develop and monitor the curriculum and standards. The program is offered to 10th, 11th and 12th grade students. On the job work experience is designed for 11th and 12th grade students. Students must have successfully completed all major academic subjects and be on grade level to enroll in this program. Students must complete an application and interview process as well as sign a training agreement accepting responsibilities of the position. Academic and technical instruction is delivered at NMTCC in an integrated learning environment as applicable to the youth apprentice’s career plan.

Cooperative Education (Co-op)

Students who wish to begin building their resume before they graduate should consider the Cooperative Education program. This paid work experience is designed for seniors enrolled in a NMTCC program who have demonstrated competence in their field and have secured the necessary recommendations. Students who qualify for this program have the opportunity to obtain real work experience and practice the specific skills they have learned.
SkillsUSA

Learn about leadership. Travel. Compete. Help others. Meet career professionals. Make friends. Have fun. Students who join SkillsUSA do all this and more. Annual SkillsUSA competitions at the local, regional, state and national levels enable students to showcase their technical, professional and interpersonal skills. In addition, students learn about teamwork and citizenship. SkillsUSA students also organize many school activities and community service events.

National Technical Honor Society

The National Technical Honor Society recognizes outstanding career and technical students. The organization rewards achievement and encourages scholastic excellence. Induction is not transferable from one year to the next. Each year, students must go through the selection process. This organization cultivates a stronger image for career and technical education.

FFA

Formerly known as Future Farmers of America, FFA enables students to develop their potential for leadership, personal growth and career success through activities and competitions focusing on landscaping and horticulture. Membership is open to students enrolled in the Horticulture program.
CONSTRUCTION CARPENTRY  CIP Code: 46.0201

Skilled carpenters are in great demand! The Construction Carpentry program provides thorough instruction through hands-on projects and various shop demonstrations. Don’t be afraid to try the Construction Carpentry program even if you’ve never picked up a tool before. The program covers instruction in the safe and proper use of hand and power tools, and will help build your foundation for success.

What you will learn
■ Proper use of hand and power tools
■ Site preparation
■ Rough framing
■ Interior finish
■ Exterior finish
■ Some commercial carpentry skills
■ Honors level course available (See page 5 for details.)

Physical criteria
■ Manual dexterity
■ Heavy lifting/carrying
■ Strong eye/hand coordination
■ Physical stamina/strength
■ Pushing/pulling
■ Good depth and color perception
■ Ability to work in hot/cold weather

Possible certifications students may earn
■ NOCTI – Carpentry
■ American Ladder Safety Institute
■ Construction Safety (OSHA)
■ SP/2

Career possibilities
■ Carpenter’s Helper
■ Carpenter (residential/commercial)
■ Painter
■ Floor Covering Installer
■ Window/ Door Installer
■ Deck Installer
■ Roofer
■ Drywall Installer
■ General Contractor

Career possibilities with additional education
■ Construction Foreman
■ Construction Supervisor
■ Building Inspector
■ Estimator

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Construction Carpentry program.

Graduates from this program attend the following post-secondary institutions:
■ Cabrini College
■ Montgomery County Community College
■ Northampton Community College
■ Penn College of Technology
■ Williamson College of the Trades

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Construction Trades

**ELECTRICAL TRADERS** CIP Code: 46.0399

Experienced electricians are in serious demand. Students in the Electrical Trades program learn about residential and commercial/industrial wiring and low-voltage systems, involving communication voice data and security systems. The program consists of instruction in electrical AC-DC theory, national electric code, wiring methods and industrial applications.

**What you will learn**
- Residential electricity
- Commercial electricity
- Industrial electricity
- Communication voice data and security systems
- National electric code
- Wiring methods and various conduits
- Electrical AC-DC theory
- Associated math relative to electrical studies
- Honors level course available (See page 5 for details.)

**Physical criteria**
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Good depth and color perception

**Possible certifications students may earn**
- NOCTI – Electrical Power and Transmission Installers PA
- Articulation Ladder
- Mobile Ladder
- Single and Extension Ladder
- Step Ladder
- OSHA Certification

**Career possibilities**
- Electrician’s Helper
- Residential Wiremen
- Commercial Wiremen
- Industrial Wiremen

**Career possibilities with additional education**
- Electrical Contractor
- Electrical Engineer
- Journeyman Electrician

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Electrical Trades program.

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.

Graduates from this program attend the following post-secondary institutions:
- Montgomery County Community College
- Penn College of Technology
Construction Trades

HEATING, VENTILATION AND AIR CONDITIONING (HVAC)  CIP Code: 47.0201

The heating, ventilation, air conditioning (HVAC) industry has become an increasingly important part of our environment. Indoor environmental air quality is essential in residential, commercial and industrial applications. Many technological advances could not be accomplished without the HVAC specialist.

The HVAC program consists of basic to advanced instruction in both the installation and servicing of residential systems. Students are trained in electrical principles, plumbing, oil and gas heating, air conditioning, heat pumps and basic refrigeration systems.

North Montco Technical Career Center’s HVAC program has been granted accreditation by HVAC Excellence. As an accredited program, students who complete the HVAC program at North Montco Technical Career Center can now be fast tracked to higher entry level positions with some of North America’s premier contractors.

What you will learn
- Installation and servicing of residential systems
- Oil and gas heating installation/servicing
- Air conditioning and heat pumps installation/servicing
- Electrical principles
- Basic piping skills
- Basic refrigeration systems
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling

Possible certifications students may earn
- Section 608 Refrigerant/Recovery
- Gastite and Trac Gaspipe
- General Industry Safety (OSHA)
- HVAC Excellence Certifications
- NOCTI- HVAC Maintenance Technology

Career possibilities
- Oil Heating Service Technician
- Gas Heating Service Technician
- Pipe Fitter Technician
- Residential Heating/Cooling Technician
- Installation/Service Technician
- AC/Heat Pump Technician
- Refrigeration Mechanic

Career possibilities with additional education
- HVAC Specialist
- Air Conditioning and Heating Engineer
- Factory Service Representative
- Energy Management Control Engineer

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Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
**Cosmetology**

CIP Code: 12.0401

Cosmetology students learn the competencies and skills needed to pass the Pennsylvania State Board of Cosmetology practical and written licensing exams through a program that meets the state-required hours of instruction. Students must complete 1250 hours of instruction, with at least a 75% grade average, before they are eligible to take the State Board of Cosmetology license examination. After completing 900 hours, students are able to apply for the state exam. The state will not issue a license until 1250 hours have been completed. The program covers instruction in a) Cosmetology (hair care), b) Esthetics (skin care and make-up), c) Nail Technology, and d) Salon Management. Students apply theory and skills and strengthen competencies through hands-on experience which includes a salon open to the community. All Cosmetology hours expire four years from the enrollment date. If 1250 hours of instruction are not completed by a student’s graduation date, hours will need to be accrued independently at a private institution in order to be eligible to obtain State Board of Cosmetology certification for Pennsylvania.

### What you will learn
- Theory
- Scalp and shampoo treatments
- Hair cutting/coloring/styling
- Chemical hair reconstruction
- Esthetics
- Nail technology
- Customer relations
- Salon management
- Receptionist duties
- Honors level course available (See page 5 for details.)

### Physical criteria
- Manual dexterity
- Good depth and color perception
- Strong eye/hand coordination
- Physical stamina/strength
- Endurance for standing many hours in one place

### Possible certifications students may earn
- Cosmetology License – PA
- NOCTI – Cosmetology/Cosmetologist PA
- Barbicide/Barbacide-COVID-19

### Career possibilities
- Manufacturer’s Representative
- Cosmetologist
- Styling Assistant
- Hair Colorist
- Make-up Artist
- Shampoo Assistant
- Nail Technician

### Career possibilities with additional education
- Barber
- Teacher
- Hair Braider

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Cosmetology program.

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Note: All students who need a physical education credit should make every attempt to schedule it at their sending school. The only physical education class available for cosmetology students at North Montco is an independent study course due to the hour requirement for the certification.
Culinary Arts  
CIP Code: 12.0508

From prep cook to executive chef, the culinary industry offers a world of career possibilities. NMTCC’s Culinary Arts program is nationally certified as an American Culinary Federation Education Foundation (ACFEF) secondary certified program. Learning takes place in the classroom, kitchen, bakery and restaurant. Students also intern at local restaurants and other businesses and participate in public service events and culinary skills competitions. Students completing the program may enter the workforce or continue their education in college.

What you will learn
- Sanitation
- Cooking Techniques
- Soup and Sauce Techniques
- Dining Room Operations
- Knife Handling
- Supervision and Management
- Emerging technologies in food service menu development
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Good depth and color perception
- Standing for many hours in one position

Possible certifications students may earn
- NOCTI – Culinary Arts
- Servsafe
- American Culinary Federation/Certified Fundamentals Cook
- Certified Food Safety Manager
- S/P2 Food/Workplace Safety

Career possibilities
- Cook
- Host/Hostess
- Pantry Worker
- Waitress/Waiter
- Utility Worker
- Dining Room Attendant
- Cook Helper
- Baker’s Helper

Career possibilities with additional education
- Executive Chef
- Sous Chef
- Dietitian
- Chef (many specialties)
- Pastry Chef
- Baker
- Related Pathways – Sales, Marketing

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Culinary Arts program.

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.

Students enrolled in this program may be eligible to receive college credits. For more information, contact the Guidance Department at 215-368-1177.
Baking & Pastry Arts
CIP Code: 12.0501

The Baking and Pastry Arts Program strives to teach students the skills they will need to be successful both in industry and in continuing education. All of our products are handmade from scratch and solely produced by students. With knowledge of mixing methods, equipment use, and safety practices, the student will have an upper hand for entering the pastry industry.

What you will learn
- Sanitation
- Knife Handling
- Measurements (English and Metric)
- Industrial Mixers, Ovens, Fryers, Scales etc.
- Mixing Methods
- Pastry Terminology
- Nutrition
- Cost Controls
- Packaging and Presentation
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Standing for long periods of time

Possible certifications students may earn
- NOCTI- Retail Commercial Baking
- Servsafe
- S/P2 Food/Workplace Safety

Career possibilities
- Assistant Baker
- Cake Decorator
- Production Mixer
- Pastry Cook

Career possibilities with additional education
- Executive Pastry Chef
- Pastry Sous Chef
- Bakery Manager
- Chocolatier
- Retail Bakery Owner
- Related Sales and Marketing

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Baking & Pastry Arts program.

- Post-secondary education in a trade related field: 29%
- Trade related employment: 14%
- Post-secondary education in a non-trade related field: 43%
- Non-trade related employment: 14%

Graduates from this program attend the following post-secondary institutions:
- Culinary Institute of America
- Montgomery County Community College
- Johnson and Wales University

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Engineering & Manufacturing

DRAFTING AND DESIGN  CIP Code: 15.1301

Students in the Drafting and Design program work with industry-standard software, computers and equipment to prepare for careers in drafting. Throughout the training at NMTCC, students will gradually master techniques in Drafting and Design utilizing ANSI/ASME standards. The course will start with Basic Drafting that includes Orthographic Projection, Auxiliary Views, Section Views, Dimensioning, Fasteners, Axonometric, and other basic drafting skills and will continue with learning how to use many of the latest software packages. These include the latest versions of AutoCAD, Inventor, Revit Architecture and other related software packages.

What you will learn

- Basic drafting techniques including:
  - Orthographic projection, auxiliary views, section views
  - Dimensioning, fasteners, axonometric
- ASME, ISO, AIA Standards for Drafting
- Computer aided drafting (CAD) techniques
- Mechanical/machine drafting and design
- Architectural drafting and design
- AutoCAD
- Inventor — Solids Modeling
- Architectural Revit
- Honors level course available (See page 5 for details.)

Physical criteria

- Manual dexterity
- Strong eye/hand coordination

Career possibilities

- Architectural Drafter
- Civil Drafter
- Electronic Drafter
- Mechanical Drafter
- CAD Technician

Career possibilities with additional education

- Aeronautical Engineer
- Architect
- Chief Design Drafter
- Civil Engineer
- Electrical Engineer
- Mechanical Engineer

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Drafting and Design program.

Students enrolled in this program may be required to purchase specific supplies.
Engineering & Manufacturing

**MECHATRONICS** CIP Code: 15.0403

The Mechatronics program offered at NMTCC provides a synergistic approach to the understanding of principles in the engineering field. The program focuses on mechatronics engineering technology, which is a multidisciplinary field where workers design, troubleshoot, maintain and repair sophisticated automated equipment through a systems approach. Students will perform activities and obtain fundamental knowledge in the following areas: electrical, electronics, robotics, mechanical systems, fluid power systems, programmable logic controllers, control systems and mechatronics. Engineers and technicians with training in mechatronic systems have the greatest career mobility across technical disciplines.

**What you will learn**
- Electrical Systems
- Robotics
- Mechanical Systems
- Pneumatics
- Fluid Power
- Blueprint reading
- Control systems
- Programmable Logic Controllers (PLC)
- Honors level course available (See page 5 for details.)

**Physical criteria**
- Manual dexterity
- Strong eye/hand coordination

**Possible certifications students may earn**
- NOCTI – Electromechanical Engineering Technology PA
- AMIST Level 1
- General Industry Safety (OSHA)

**Career possibilities**
- Mechanical Technician
- Electronics Technician
- Automation Technician
- Robotics Technician
- Pneumatic Technician

**Career possibilities with additional education**
- Mechanical Engineer
- Electronics Engineer
- Robotics Engineer
- Electrical Engineer
- Manufacturing Engineer

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Mechatronics program.

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.

Graduates from this program attend the following post-secondary institutions:
- Montgomery County Community College
- Penn College of Technology
- Penn State Institute of Technology
- Reading Area Community College
- University of Delaware
- Widener University

Students enrolled in this program may be eligible to receive college credits. For more information, contact the Guidance Department at 215-368-1177.
Engineering & Manufacturing

WELDING AND FABRICATION CIP Code: 48.0508

Welding and Fabrication students learn the skills and techniques necessary for success in a career that values well trained, experienced workers. They learn MIG and TIG welding as well as gas welding and about the operation of welding and metal fabrication machinery.

What you will learn
- Shielded metal arc welding
- Gas metal arc welding
- Gas tungsten arc welding
- Flux cored arc welding
- Air carbon arc cutting
- Oxy/fuel cutting
- Pipe welding
- Plasma arc cutting
- Basic metallurgy
- Welding inspection and testing
- Blueprint reading
- Welding symbol drawing and interpretation
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Standing for hours in one position

Possible certifications students may earn
- NOCTI – Welding
- American Welding Society (AWS) Level I – Entry Welder
- S/P2 – Welding Safety Certification
- OSHA Certification: 10 hr. General Industry
- AWS Certified Welder

Career possibilities
- Gas-Metal Arc Welder (MIG)
- Pipe Welder
- Gas-Tungsten Arc Welder (TIG)
- Steamfitter
- Boiler Maker
- Millwright
- Combination Welder
- Iron Worker
- Sheetmetal Mechanic

Career possibilities with additional education
- Welding Engineer
- Metallurgist
- Welding Inspector
- Welding Technician
- Welding Sales
- Business Owner
- Mechanical Engineer
- Welding Instructor
- Diver/Welder

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Welding and Fabrication program.

Graduates from this program attend the following post-secondary institutions:
- Hobart School of Welding
- Lincoln Technical Institute
- Montgomery County Community College
- Penn College of Technology

For safety reasons, students are not permitted to have pacemakers or wear contact lenses in the welding lab. Additionally, if a student has prescription glasses, the lenses need to be made from safety glass or the student will be required to wear safety glasses over his/her prescription glasses.
The Horticulture program will provide students with a working knowledge, understanding and application of skills important to establishing, maintaining and managing horticulture enterprises. Practical landscape experience will be gained in planting and maintaining areas of the school campus. Operating a small production greenhouse and a school flower shop will enhance business and managerial skills. Students design arrangements for sale in the school store, and take orders for special events. The Horticulture program has expanded to include Aquaponics, Hydroponics, and Olericulture.

**What you will learn**
- Landscape Maintenance and Gardening
- Floral Design
- Greenhouse Operations and Management
- Plant Propagation
- Basic Botany and Plant Identification
- Soil Science
- Pest Identification and Controls
- Sustainable Horticulture Technology
- Hydroponics/Aquaponics
- Olericulture
- Interior Plantscape
- Nursery Operations
- Horticulture Business Operations and safety
- New technologies in Horticulture
- Honors level course available (See page 5 for details.)

**Physical criteria**
- Mechanical ability
- Manual dexterity
- Lifting/carrying
- Standing and bending
- Physical stamina/strength
- Good depth and color perception
- Enjoy being outdoors
- Strong eye/hand coordination

**Possible certifications students may earn**
- NOCTI - Applied Horticulture PA
- OSHA Safety Certificate
- OSHA - Agriculture
- Certified Floral Designer
- Pennsylvania Pest Applicator Certification
- Pennsylvania Certification – Horticulturist

**Career possibilities**
- Lawn Service Technician
- Turf Management
- Interior Plantscape
- Management and Sales
- Plant Specialist
- Integrated Pest Manager
- Botanist
- Floral Designer
- Nursery Worker
- Garden Center Salesperson
- Greenhouse Technician
- Horticulture Therapy
- Soil Scientist
- Research development
- Pest Control Technician
- Ag Extension Service
- Marketing and sales
- Aquaponics food supplier
- Botanist
- Interior Plantscape Technician

**Graduates from this program attend the following post-secondary institutions:**
- Delaware Valley University
- Lehigh Carbon Community College
- Montgomery County Community College
- Penn College of Technology
- Penn State University
- Northampton Community College
- Temple University Ambler

**North Montco Technical Career Center**
conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Horticulture program.

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Health & Human Services

ALLIED HEALTH

Allied Health Technology is a dual enrollment* class designed for college preparatory students who are interested in pursuing a medical or health science career after high school. The program is unique in that it is based in a hospital. Students enrolled in this program will report daily to the hospital (when covid restrictions are not in place) where they will receive theoretical and technical instruction. In addition, through a bi-weekly schedule of clinical rotations, students will gain practical experience while working beside the individual professionals in their specific departments. The Allied Health program is a great way for students to test their dreams of becoming health care professionals. This program will take students into major departments of the hospital.

*Dual enrollment credit cost is equal to the cost of one credit from Montgomery County Community College and the cost of the book.

Criteria for Admission—Students should apply for admission while in 11th grade. Only 36 total students (12 per session) will be accepted into this program each year. GPA, attendance, conduct records, a personal essay and letters of recommendation are primary considerations for acceptance. Performance in an interview may be evaluated as well. Students must have signed approval from a science teacher, guidance counselor and parent or guardian. Once accepted, a physical exam, negative two-step tuberculosis skin test or TB blood test, proof of Hepatitis B vaccination, and a cleared criminal record check must be obtained prior to the start of the program. A flu shot is required in the Fall when the vaccine is available. Firm deadlines will be in place. Failure to adhere to deadlines could result in denial to the program. Students are responsible for providing their own transportation. Students will be required to purchase items for this program at an approximate cost of $150.

What you will learn
- Infection Control
- Anatomy, Physiology & Pathology
- Client and Care Giver Safety
- Medical Terminology
- Care Giving Skills
- Vital Signs and Pain Assessment
- Communication and Crisis
- Medical Ethics and Legalities
- Special Needs through the Life Span
- Client’s Rights

Physical criteria
- Manual dexterity
- Heavy lifting/carrying (min. 50 lbs. as per industry requirements)
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Standing for long periods of time

Career possibilities with additional education
- Medical Doctor
- Registered Nurse
- Pharmacist
- Physical Therapist
- Occupational Therapist
- Physician's Assistant
- Respiratory Therapist
- Medical Lab Technician

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Allied Health program.

Graduates from this program attend the following post-secondary institutions:
- Arcadia University
- Cornell University
- Drexel University
- Jefferson Medical College
- Johns Hopkins University
- Northeastern University
- New York University
- Penn State University
- Temple University
- University of Connecticut
- University of Michigan
- University of Pennsylvania
- University of Pittsburgh
- University of Sciences
- Ursinus College
- Villanova University
- Wells College
Health & Human Services

BIOTECHNOLOGY (MEDICAL, RESEARCH, & FORENSICS)

Biotechnology is a diverse and challenging field with excellent opportunities for career growth in pharmaceutical and biotechnology companies, as well as academic and medical research. This unique program is designed to prepare college-bound students with both a theoretical and practical (i.e., hands-on) knowledge of state-of-the-art tools used in biotechnology laboratories. These include molecular and cellular biological techniques and use of various laboratory instrumentation with the goal of training students in cell culture, recombinant DNA technology, protein purification, electrophoresis, forensics PCR and much more. Biotechnology provides students with a head-start in developing skills needed to contribute to a research program upon entry into college.

In partnership with Montgomery County Community College, this highly selective junior/senior course is offered at the Biotechnology facility located at NMTCC. Students earn eight college credits for an introductory survey course in Biotechnology (BIT120) and a laboratory course emphasizing technical skills and instrumentation (BIT123). The application process includes a personal interview, a visit to the Biotechnology laboratory (recommended), a letter of recommendation from a science teacher, and submission of a completed application form with a high school transcript. With limited capacity, acceptance into the program is determined and communicated in the spring. All students accepted into Biotechnology are required to provide their own transportation to NMTCC. Prerequisites: Biology, Chemistry, Algebra 1 and 2, Concurrent or Prior AP Biology

What you will learn

- Laboratory Safety
- Fundamentals of Biotechnology
- Instrumentation/Equipment
- Microbiology
- Recombinant DNA Technology
- Upstream Processing/Tissue Culture
- Downstream Processing/Protein Purification
- Quality Control/Assurance and Regulatory Compliance

Physical criteria

- Manual dexterity
- Good eye/hand coordination

Career possibilities with additional education

- Medical Research
- Pharmaceutical/Biotech Scientist
- Forensic Analyst
- Environmental Scientist
- Biomedical Engineer
- Chemical Engineer
- Bioinformatics
- Scientific Writer
- Medical Doctor

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Biotechnology program.

Graduates from this program attend the following post-secondary institutions:

- Columbia University
- Cornell University
- Drexel University
- Johns Hopkins University
- Montgomery County Community College
- Penn State University
- Princeton University
- Temple University
- University of Pennsylvania
- University of Pittsburgh
- University of Rochester
- Ursinus College

Students enrolled in this program are eligible to receive college credits by participating in NMTCC’s dual credit program. This program allows students to take college level courses that fulfill both high school and college graduation requirements. For more information, contact the Guidance Department at 215-368-1177.
Health & Human Services

HEALTH SCIENCES  CIP Code: 51.0899

The Health Sciences curriculum focuses on the delivery of quality health care to clients in various settings. It includes hands-on experience at local health care facilities and provides the technical training needed to pursue a health care career. Curriculum includes a one-year, state-approved nurse aide training program, which all students are expected to complete after satisfactory mastery of the core skills.

Criteria for admission – A physical exam stating the candidate is free of infectious disease and can lift a minimum of 50 lbs, a negative two-step tuberculosis test, or TB blood test, proof of Hepatitis B vaccination and a cleared Criminal Record Check must be obtained prior to entrance into the program. Every year thereafter, the students will be required to obtain a physical exam, a negative tuberculosis test or TB blood test and a cleared Criminal Record Check.

Curriculum includes:
- Nurse Assisting
- Direct Care Assistant
- Infection Control and Aseptic Techniques
- Medical Terminology
- Geriatric Care
- Ethics and Legalities
- Cultural Awareness
- Abuse Identification
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Strong eye/hand coordination
- Heavy lifting/carrying (minimum of 50 lbs. as per industry requirements)
- Pushing/pulling
- Physical stamina/strength
- Standing for long periods of time

Possible certifications students may earn
- NOCTI – Health Assisting
- HIPAA
- Direct Care Assisting
- Nurse Aide Registry
- BLS Healthcare Provider
- Heartsaver Bloodborne Certification
- OSHA – Healthcare
- Heartsaver First Aid

Career possibilities
- Nursing Assistant
- Personal Care Aide
- Feeding Assistant

Career possibilities with additional education
- Dental Hygienist
- Medical Assistant
- Medical Lab Technician
- Pharmacy Technician
- Physical Therapy Assistant
- Radiology Technician
- Registered Nurse
- Surgical Technician
- Respiratory Therapist

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Health Sciences program.

Post-secondary education in a trade related field 93%
Military 7%

Graduates from this program attend the following post-secondary institutions:
- Gwynedd Mercy University
- Immaculata University
- Indiana University of Pennsylvania
- Kutztown University
- Montgomery County Community College
- Pennsylvania College of Technology

Students enrolled in this program are eligible to receive college credits by participating in NMTCC’s dual enrollment program. This program allows students to take college level courses that fulfill both high school and college graduation requirements. For more information, contact the Guidance Department at 215-368-1177.
The Protective Services Technology program will provide students with an experience in the general public service occupation cluster. After covering a broad curriculum, students will specialize in several aspects of emergency medical service, police science, security, firefighting, and other related occupational fields. Students are encouraged to pursue post-secondary training for more career opportunities. Community service is also a requirement of this program. A cleared Criminal Record Check must be obtained prior to entrance into the program.

What you will learn
- Pennsylvania Laws
- Law Enforcement
- Crime Scene Investigation
- EMS
- Security
- Safety and Emergency Management
- Fire Fighting
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Strong eye/hand coordination
- Heavy lifting
- Walking
- Physical stamina/strength
- Pushing/pulling/carrying
- Good depth and color perception
- Mile run

Possible certifications students may earn
- NOCTI-Homeland & Security
- First Aid
- Cardio-Pulmonary Resuscitation (CPR)
- Automated External Defibrillator (AED)
- Self Defense
- National Incident Management Systems
- Tactical Handcuffing
- Retail Security

Career possibilities
- Correction Officer
- Military Police
- Dispatcher
- Security Officer
- Park Ranger
- Police Officer
- Probation Officer
- Fire Fighter
- Investigator
- Sheriff

Career possibilities with additional education
- State or Municipal Police Officer
- Criminal Investigator
- Federal Positions (FBI, U.S. Marshal, INS, DEA...)

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Protective Services program.

Graduates from this program attend the following post-secondary institutions:
- Montgomery County Community College
- Penn State University

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Power & Transportation

AUTOMOTIVE TECHNOLOGY  CIP Code: 47.0604

In accordance with ASE and AYES standards, the Automotive Technology Program provides current curriculum, instructional materials, and equipment that are needed to reinforce knowledge, skills and attitudes appropriate to industry needs.

What you will learn
The eight ASE curriculum areas:
- Engine Repair
- Brakes
- Automatic Transmission/Transaxle
- Electrical/Electronic Systems
- Manual Drive Train and Axles
- Heating and Air Conditioning
- Suspension and Steering
- Engine Performance
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting
- Strong eye/hand coordination
- Physical stamina/strength

Possible certifications students may earn
- NOCTI – Automotive Mechanics Technology PA
- S/P2 Automotive
- Auto Service Excellence (ASE)
- Certified Emissions
- S/P2 Safety & Pollution Prevention
- Motor Oil Certification
- 609 Refrigeration & Recycling
- Certified Safety Inspector, Cat I

Career possibilities
- General Technician
- Line Technician
- Alignment/Suspension Technician
- Driveline Technician
- Air Conditioning Technician
- Engine/Performance Technician
- Electrical/Electronic Technician
- Insurance Estimator
- Assistant Service Manager

Career possibilities with additional education
- New/Used Car Sales Manager
- Insurance Investigator
- Dealership Service Director
- Factory Zone Manager
- Automotive Editor/Writer
- College/High School Instructor
- Factory Representative
- General/Service Manager

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Automotive Technology program.

Students enrolled in this program are eligible to receive college credits by participating in NMTCC’s dual enrollment program. This program allows students to take college level courses that fulfill both high school and college graduation requirements. For more information, contact the Guidance Department at 215-368-1177.

Students enrolled in this program are required to purchase uniforms.
Power & Transportation
AUTO COLLISION REPAIR CIP Code: 47.0603

The Auto Collision Repair Program is focused on high tech training necessary to diagnose and repair the finish coatings, cosmetic features, structure, and complex components/systems in today’s automobiles. Any student successfully completing this program, or a segment of specialized instruction, can expect to be prepared for employment in this industry, or pursue advanced technical training at the post-secondary level and be ready for Automotive Service Excellence (ASE) certification.

What you will learn
■ Automotive detailing
■ Damage analysis
■ Finish coat preparation/application
■ Sheet metal/panel repair
■ Plastic panel repair
■ Panel/component replacement
■ Vehicle structural repair
■ Steering and suspension
■ Electrical systems
■ Lighting systems
■ Engine systems
■ Fasteners
■ Exterior/Interior molding and trim
■ Glass replacement
■ Refinishing equipment and procedures
■ Honors level course available (See page 5 for details.)

Physical criteria
■ Manual dexterity
■ Heavy lifting/carrying
■ Strong eye/hand coordination
■ Physical stamina/strength
■ Pushing/pulling
■ Good depth and color perception
■ Standing for many hours in one position

Possible certifications students may earn
■ NOCTI – Collision Repair & Refinishing Technology
■ Automotive Service Excellence (ASE)
■ S/P2 Safety & Pollution Prevention
■ I-CAR Certification(s)
■ Blue Level – PPG
■ 609 Refrigeration and Recycling

Career possibilities
■ Automotive Detailer
■ Finish Coat Preparer
■ Paint Mixer
■ Auto Body Repairer

Career possibilities with additional education
■ Damage Analyst
■ Finish Coat Applicator
■ Vehicle Structural Repairer
■ Sheet Metal/Panel Repairer
■ Paint Products Representative
■ Insurance Adjuster

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Auto Collision Repair program.

Graduates from this program attend the following post-secondary institutions:
■ Automotive Training Center
■ Montgomery County Community College
■ Pennsylvania College of Technology
■ Universal Technical Institute
■ WyoTech

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Power & Transportation

DIESEL TRUCK TECHNOLOGY  CIP Code: 47.0613

As the trucking industry continues to expand, the demand is growing for mechanics and technicians to repair and maintain diesel engines. Medium/Heavy Duty trucks and equipment require educated and experienced technicians for their maintenance and repair. Upon completion of the Diesel Truck Technology program, students may secure employment as entry-level technicians or advance their education and training. This program follows the National Automotive Technicians Education Foundation/Institute for Automotive Service Excellence (NATEF/ASE) standards for Medium/Heavy Duty Diesel Truck technology.

What you will learn

- Brake systems
- Drive trains
- Electrical/electronic systems
- Suspension and steering systems
- Preventive maintenance
- Diesel engines
- Honors level course available (See page 5 for details.)

Physical criteria

- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/pulling
- Good depth and color perception

Possible certifications students may earn

- Possible certifications students may earn
- NOCTI – Diesel Technology
- Automotive Service Excellence (ASE)
- Certified Safety Inspector, Cat I
- S/P2 Safety & Pollution Prevention
- EPA 609 Refrigeration Recycling
- Certified Safety Inspector, Cat III
- S/P2 – Heavy Duty

Career possibilities

- Diesel Engine Mechanic
- Preventive Maintenance Mechanic
- Drive Trains Mechanic
- Diesel Engine Specialist
- Brake Specialist
- Service Advisor
- Parts Advisor

Career possibilities with additional education

- Diesel Technology Instructor
- Service Manager
- Service Technician
- Service Shop Owner

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Diesel Truck Technology program.

Post-secondary education in a trade related field: 17%

Trade related employment: 83%

Graduates from this program attend the following post-secondary institutions:

- Automotive Training Center
- Montgomery County Community College
- Nashville Auto Diesel College
- Ohio Technical College
- Pennsylvania College of Technology
- Universal Technical Institute
- University of Northwestern Ohio

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Power & Transportation

RECREATIONAL POWER EQUIPMENT  CIP Code: 47.0699

From recreational vehicles and equipment such as snowmobiles, jet skis and motorcycles, to lawn and garden equipment, such as mowers and chain saws, small engines power many machines that make our lives easier and more enjoyable. Recreational Power Equipment is the study of “how and why” machinery operates along with the “whys” of machinery failure and the learning of “how to” diagnose the problems and make proper, efficient repairs. Students will be able to specialize in different areas of repairing and maintaining this equipment.

What you will learn
- Internal combustion engines
- Engine troubleshooting/repair
- Power drives
- Transmissions
- Transaxles
- Auxiliary and Implement drives
- Hydraulic systems
- Electrical systems
- Maintenance and repair servicing of steering, braking, suspension, wheels and tires, frames and chassis, accessories and implements
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Heavy lifting/carrying
- Strong eye/hand coordination
- Physical stamina/strength
- Pushing/Pulling
- Good depth and color perception

Possible certifications students may earn
- NOCTI- Small Engine Technology
- EETC Technician (Equipment and Engine Training Council)
- SP/2 Safety and Pollution Prevention
- Certified PA Safety Inspector

Career possibilities
- Motorcycle Technician
- Outdoor Power Equipment Technician
- Marine Technician

Career possibilities with additional education
- Motorcycle Dealer
- Outdoor Power Equipment Professional
- Service Manager

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Recreational Power Equipment program.

- 40% Post-secondary education in a non-trade related field
- 20% Post-secondary education in a trade related field
- 20% Non-trade related employment
- 20% Military

Graduates from this program attend the following post-secondary institutions:
- Montgomery County Community College
- Universal Technical Institute

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Visual Communications

ADVERTISING DESIGN CIP Code: 50.0402

The Advertising Design Program offers instruction encompassing a broad spectrum of art and design related occupations. Students are introduced to the tools and techniques needed to become successful advertising artists and designers. Growth in illustration, design and other techniques will create a demand for skilled artists and designers far in excess of qualified workers. The core curriculum focuses on advertising design, digital imaging, illustration and the principles of creating good advertising. Hands-on learning will provide students with the background needed to develop a viable portfolio.

What you will learn
- Adobe Software (Photoshop, Illustrator, InDesign)
- Advertising Layout and Design
- Illustration/drawing
- Digital Art and Manipulation
- Typography
- Color Theory and Application
- Printing and Production Processes
- Honors level course available (See page 5 for details.)

Physical criteria
- Manual dexterity
- Strong eye/hand coordination
- Good depth and color perception
- Ability to concentrate
- Attention to detail

Possible certifications students may earn
- NOCTI-Commercial Art and Advertising
- PrintED/SkillsUSA Student Certification
- Adobe Certified Associate

Career possibilities with additional education
- Advertising Design
- Graphic Design
- Web Page Design
- Production Artist/Design
- Desktop Design
- Package Design
- Publication Design
- Art Director
- Multimedia Design
- Creative Director
- Illustrator
- Animator
- Concept Artist

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Advertising Design program.

Graduates from this program attend the following post-secondary institutions:
- Full Sail University
- Kutztown University
- Millersville University
- Montgomery County Community College
- Moore College of Art
- Penn College of Art
- Penn State University
- Pratt Institute
- University of the Arts

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Visual Communications

**GRAPHIC ARTS**  CIP Code: 10.0399

The Graphic Arts program is a PrintEd certified program that offers instruction encompassing a broad spectrum of design and print related occupations. The major areas of study in the graphic arts program include graphic design and layout, Adobe Creative Cloud, typography, offset printing operation, bindery, document management/quick copy center operations and digital photography.

**What you will learn**
- Principles and Elements of Design
- Color Theory
- Typography
- Digital Photography
- Prepress Technology
- Offset & Digital Printing
- Bindery Operations
- Graphic Design
- Computer Illustration
- Adobe Photoshop/InDesign/Illustrator/Acrobat/
Lightroom
- Electronic Publishing
- Website Design Principles
- Career/Job Seeking Skills
- Art History
- Honors level course available (See page 5 for details.)

**Physical criteria**
- Manual dexterity
- Strong eye/hand coordination
- Good depth and color perception

**Possible certifications students may earn**
- NOCTI- Graphic Production Technology
- PrintED/SkillsUSA Student Certification
- Adobe Photoshop, Certified Associate
- Adobe InDesign, Certified Associate
- Adobe Illustrator, Certified Associate

**Career possibilities**
- Production Artist
- Digital Press Operator
- Printing Customer Service Representative
- Bindery/Finishing Operator

**Career possibilities with additional education**
- Graphic Designer (advertising/marketing, corporate, publishing and printing, and packaging industries)
- Web and Digital Media Design
- Lithography/Offset Printing
- Printing Management
- Photographer

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Graphic Arts program.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25%</td>
<td>Post-secondary education in a trade related field</td>
</tr>
<tr>
<td>12%</td>
<td>Post-secondary education in a non-trade related field</td>
</tr>
<tr>
<td>63%</td>
<td>Non-trade related employment</td>
</tr>
</tbody>
</table>

**Graduates from this program attend the following post-secondary institutions:**
- Arcadia University
- Full Sail University
- Lansdale School of Business
- Montgomery County Community College
- Moore College of Art & Design
- New England Institute of Art
- Northampton Community College
- Penn College of Technology
- Seton Hill University
- York College of Pennsylvania
- West Chester University

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
Visual Communications

INTERNET TECHNOLOGIES  CIP Code: 11.0901

The Internet Technologies program is an instructional program that prepares individuals to apply technical skills in support and design of computer systems and networks. The program also provides a technical foundation for collegebound students pursuing a career in information technology and provides the training for students to acquire several industry certifications. The course includes the TestOut and Cisco Academies, which provide training in computer networking, database design, computer system support, computer repair and service, and other IT subjects.

What you will learn

- Cisco Academy
- Network Technologies
- Computer repair and service
- Other Internet Subjects
- Honors level course available (See page 5 for details.)

Physical criteria

- Sitting/typing

Possible certifications students may earn

- NOCTI- Computer Systems Networking
- CompTIA (various)
- Cisco (various)
- TestOut (various)

Career possibilities

- Computer Network Architects
- Computer Network Support Specialists
- Computer User Support Specialists
- Help Desk Technician
- Information Security Analysts
- Network & Computer System Administrators
- Web Developers

Students enrolled in this program may be eligible to receive college credits. For more information, contact the Guidance Department at 215-368-1177.

North Montco Technical Career Center conducts a survey of the seniors each year to determine their plans for the future. This chart indicates the plans of the Class of 2021 for the Internet Technologies program.

Graduates from this program attend the following post-secondary institutions:

- Montgomery County Community College
- Kutztown University
- Temple University

Students enrolled in this program are required to purchase specific tools, uniforms and equipment.
SUCCESS begins with Ryan Saunders

After spending four years in North Montco’s Protective Services program and graduating in 2002, Ryan Saunders continued his education at the Montgomery County Police Academy. From there he worked as a Hatfield dispatcher and then became a Temple University Police Officer for five years. He spent the next seven years with the Philadelphia Police Department and joined the Hatfield Township Police Department in 2017.

Officer Saunders personal message is, “if you can’t stop thinking about it, don’t stop working for it.”

SUCCESS begins with James Moffo

Unsure of what to do after high school, James attend NMTCC hoping to pursue a career in Carpentry. After visiting the HVAC program, James’ interest in HVAC was peaked. While attending high school, James secured a position with a HVAC company. His employer sent him to Delaware County Community College after high school to further his education.

Using the skills and training he learned over the years, James is successfully continuing his employment at Carney Plumbing, Heating and Cooling as the Installation and Service Manager.

SUCCESS begins with Kelly Matz

Kelly became interested in graphic arts when she started at NMTCC in 10th grade. Her creative nature led her to the graphic arts program and she’s never looked back. Kelly worked in the copy center at NMTCC when she was a student and feels it helped her become “more independent and confident both as a young professional and as a student.”

After graduating high school in 2009, Kelly went on to receive an Associate’s Degree in Graphic Design from Antonelli Institute and was valedictorian of her graduating class. In 2018, Kelly started her position as a Graphic Designer at beMarketing.

Kelly’s advice to younger students, “Treat every opportunity like it’s your destiny. Prepare for presentations like you’re interviewing for your dream job. Only present work that you’re truly proud of. Pay attention to details and never sell yourself short.”

SUCCESS begins with Ronald Godshall

Since 1984, Ronald Godshall has been employed at Godshall’s Quality Meats, and was promoted to president in 2019. Ron attended NMTCC in the Electronic Servicing program, graduating high school in 1989. Ron feels he gained confidence and felt inspired while attending NMTCC, stating “it was all logical, no hunches or emotions, just fact. The light is either on or it’s not.” He used the skills he learned at NMTCC to help fix equipment at Godshall’s Quality Meats. In his 20’s he started learning more about the meat business and continued to grow in the business. He learned how to run the first smokehouse and continued to learn more each day on the job.

Ron’s advice to younger students, “Find something you like to do and make a job out of it. Most importantly, find other people with the passion and drive to help you accomplish your goals.”
North Montco Technical Career Center (NMTCC)

Driving Education Training

- PA State Drivers Exam
  - 30 Hour Driver Education Classroom Training
  - On-Line Driver Education Classroom Training
    - 6 Hour Behind the Wheel Training
- Flexible Scheduling for Driver’s Lessons and Road Tests

NMTCC is a PennDOT Certified Driver’s License Testing Center

North Montco Technical Career Center
1265 Sumneytown Pike • Lansdale, PA 19446
215-855-3931 • fax 215-855-7929
www.nmtcc.org
The North Montco Technical Career Center does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to youth groups. Inquiries may be directed to the Administrative Director - the Title IX Coordinator/Section 504/ADA Title II Coordinator at 1265 Sumneytown Pike, Lansdale, PA 19446 or 215-368-1177.