



Advanced Manufacturing

Master lathes, mills, saws, and CNC equipment to produce precision components while using CAD/CAM software to design and manufacture projects. Learn blueprint reading, precision measurement and quality control used in modern manufacturing industries.

B201, B203 & B205



Auto Body and Collision Repair Technology

Learn to diagnose and repair dents, scratches, and structural damage while mastering refinishing and restoration processes. Gain hands-on experience with professional tools, equipment and automotive technologies used in today's repair industry.

B207



Automotive Technology

Learn advanced automotive systems including suspension, braking and electrical diagnostics. Utilize industry-standard tools and computer-based technology to test, diagnose, and repair modern vehicles.

B204 & B206



Baking

Transform into a pro in the kitchen as you use the science of baking to turn ingredients into delectable items. Create breads, pizzas, cakes, cookies and pastries as a culinary artist.

D410



Building and Grounds Maintenance*

Fill your skill toolbox as you explore various trades. Equip yourself with lifelong skills in facility maintenance and landscape management. Learn how to be safe on the jobsite.

B202



Careers in Agriculture

Develop technical expertise in horticulture, animal science and natural resource management. Apply industry practices in plant production, livestock, and conservation in sustainable agriculture and environmental stewardship.

A116



Carpentry

Through hands-on construction, students will develop skills in framing, roofing, cabinetry, drywall installation and shop project fabrication.

A117, A119 & C308



Child and Family Development

Support young children's physical, social-emotional and cognitive development. Create activities and facilitate a playgroup. Navigate the complex world of family needs.

E511



Computer Technology

Explore computer hardware, networking, tech support and video game design through hands-on, technology-driven learning.

E518



Cosmetology

Master beauty industry fundamentals, hair and scalp science, and professional haircutting techniques.

C303



Criminal Justice

Students will learn law enforcement, traffic safety and security. Explore legal systems, vehicle laws, current events and leadership in public safety.

E516



Culinary Arts

Learn from the best in our CTE professional kitchens while mastering nutrition, menu planning and catering.

D402, D404 & D406



Dental Assisting

Learn clinical skills in a professional dental setting. Explore dental anatomy, infection control and clinical instrumentation while building essential dental assisting competencies.

D415



Digital and Visual Communication

Students will explore graphic design and multimedia skills. Use Adobe tools and design principles to create logos, branding, and marketing materials.

E513



Electro-Mechanical Trades -

Power, build and maintain the systems that drive industry. Combine electrical and mechanical skills to install, troubleshoot, and keep equipment running efficiently.

C313



Exercise Science

Explore your future in health, fitness and rehabilitation. Build expertise in anatomy, exercise physiology and wellness while preparing for industry certifications.

D405



Food Services*

Get a taste of the culinary world in a supportive kitchen environment. Savor the basics as you start a journey in the food industries and sharpen your culinary skills.

D401



Heavy Equipment Operation and Maintenance

Operate heavy equipment and construction machinery while mastering power tools and preventative maintenance.

E502



HVAC

Master residential plumbing and HVAC systems, developing skills to install, maintain, and troubleshoot climate control solutions for homes and businesses.

C307, C309 & C311



Introduction to Construction Trades*

Build your skills and take your first steps into carpentry, plumbing and electrical. Get a grasp on safety basics, learn the essential tools and begin to read blueprints.

E514



E506

Introduction to Transportation Trades*

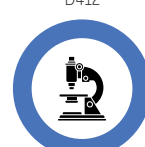
Buckle up and prepare for a fast-paced future. Explore the transportation possibilities. Try your hand at cleaning, small engine maintenance, tire changes, tire rotations and oil changes.



D412

Life and Career Foundations*

Shape your skills and let your abilities shine. Start building communication, teamwork and time management skills. Focus on completing tasks and following step-by-step directions.



D413

Medical Laboratory Assisting and Phlebotomy

Explore medical laboratory science through hands-on study of microbiology, immunology, anatomy and physiology while developing essential clinical lab skills.



D407, D409 & D411

Nurse Assisting and Associated Health Careers

Develop foundational patient care skills for entry-level healthcare careers. Study human anatomy; provide safe, compassionate care; and gain hands-on clinical experience supporting elderly patients.



E504

Outdoor Powersports Technology

Master tools and equipment to diagnose, troubleshoot, and maintain powersports machines, keeping engines and systems running at peak performance.



C314 & C315

Residential and Commercial Electrical

Learn electrical fundamentals, wiring, grounding, and code while developing skills in installations, layouts, and advanced electrical systems.



A118, E503 & E512

Welding

Master precision welding and metal fabrication using industry-standard cutting, shaping, and joining techniques. Build foundational skills and tackle complex fabrication challenges.

Locally Approved Courses

* Foundation Courses

* Introduction Courses

- Pre-Apprenticeship

NYSED Approved Program Clusters

Advanced Manufacturing	Education
Agriculture	Healthcare and Human Services
Arts, Entertainment and Design	Hospitality, Events and Tourism
Construction	Public Service and Safety
Digital Technology	Supply Chain and Transportation