

STAFFORD TECHNICAL CENTER PROGRAMS

AUTOMOTIVE REFINISHING AND COLLISION

Description

- Analyze and repair structural and nonstructural vehicle damage
- Learn panel replacement
- Learn refinishing techniques and procedures
- Gain Knowledge of plastics and adhesives

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- competency with fine motor skills.
- the ability to perform physical labor on the job site and in the lab.
- the ability to read and comprehend curriculum material.

AUTOMOTIVE TECHNOLOGY

Description

- Receive instruction in computer diagnostics
- Take part in hands-on experiences using customer vehicles
- Learn estimation, safety procedures, and system troubleshooting
- Learn brake systems, steering and suspension, engine performance, and on-board electronics

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- competency with fine motor skills and gross motor skills.
- the ability to perform physical labor on the job site and in the lab.
- the ability to read and comprehend curriculum material.

CONSTRUCTION TECHNOLOGY

Description

- Learn about hand and power tools, measurement skills and wood characteristics
- Learn about Blueprint Reading and workplace skills
- Build a residential house
- Earn safety skills with OSHA 10 certification

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- the ability to perform physical labor on the job site and in the lab.
- competency with fine motor skills and gross motor skills.

COSMETOLOGY

Description

- Learn to master all aspects of cosmetology; hair, skin, nails, design and sculpture
- Earn 1500 hours of training by the second year and be ready to sit for State Board exam
- Operate Bellezza Salon

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- the ability to read and comprehend curriculum material independently.
- competency with fine motor skills.
- interpersonal skills.
- completed 10th grade.

CULINARY ARTS

Description

- Gain experience in the on-site public restaurant, bakeshop and catering business
- Earn ServSafe National Certification
- Option to participate in the New England Culinary Institute (NECI) dual enrollment program and potential NECI scholarship
- Develop skills and knowledge for post-secondary education

Entry Requirements – Applicants must have...

- a desire to prepare food and interact with customers.
- reading comprehension skills.
- the ability to complete mathematical computations independently.
- interpersonal skills.
- ability to work as a team member as well as independently.
- self-motivation.
- the ability to thrive in a fast-paced, physical environment.

DIGITAL ARTS

Description

- Explore careers in graphic design, web and game design, computer animation, digital photography, illustration and sequential art
- Create projects for real clients while building a strong college portfolio
- Learn to use technology as a vehicle for personal vision and imagination
- Dual Enrollment college credits available

Entry Requirements – Applicants are expected to...

- have completed Computer Applications or the equivalent (recommended).
- complete an additional essay requirement.
- have participated in prior fine arts courses (recommended).

ELECTRICAL/PLUMBING

Description

- Prepare for an exciting career in construction, service or design of electrical, plumbing, heating, ventilating and air conditioning
- Study Energy Conservation and Renewable Energy (Solar & Wind)
- Work and learn with various practical projects in the Rutland area
- Earn Vermont Registered Apprenticeship hours
- Earn safety skills with OSHA 10 certification
- Earn an EPA certificate for refrigeration product handling

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- competency with fine motor skills and gross motor skills.
- the ability to perform physical labor.

FORESTRY, NATURAL RESOURCES AND HORTICULTURE

Description

- Learn to use heavy equipment and forestry tools
- Learn about forestry, soil & water conservation & wildlife management
- Practice landscape design and installation, including soil and water quality assessment
- Learn Safety Skills with Game of Logging and OSHA 10 Certification
- Earn the Game of Logging Certification
- Earn college credits

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- competency with fine and gross motor skills and ability to perform physical labor.
- interpersonal skills, effective communication skills, and a strong work ethic.
- strong organizational skills.
- interest in conservation and natural resource management.

HEALTH CAREERS

Description

- Become licensed as a nurse assistant (LNA) and get a job in the health field
- Become certified in adult and child CPR and certified in First Aid
- Learn medical terminology, medical math, and anatomy and physiology
- Return for a second year, attend classes at Castleton University or CCV and participate in a paid work experience
- Dual Enrollment college credits available

Entry Requirements – Applicants must have...

- a basic understanding of math concepts (Alg. I recommended).
- interpersonal skills and be self-motivated.
- a desire to work with people.
- completed 10th grade.

HUMAN SERVICES

Description

- Experience fieldwork in the preschool lab working with children
- Develop problem-solving, leadership, teamwork and communication skills
- Dual Enrollment college credits available

Entry Requirements – Applicants must...

- have the ability to work with people of all ages.
- have interpersonal skill and be self-motivated.
- be 16 years old to participate in the pre-school lab.

LEADERSHIP AND MARKETING

Description

- Develop business plans
- Work with clients
- Learn to manage resources
- Market a successful small business

Entry Requirements – Applicants must have...

- prior completion of a two year STC program.
- interpersonal skills, effective communication skills, and self-motivation.
- the ability to work as a team member.

POWER MECHANICS/WELDING

Description

- Learn compact equipment repair skills (motorcycles, ATV's and home and garden equipment)
- Learn metal fabrication skills/welding
- Earn AWS Structural Certification (American Welding Society)

Entry Requirements – Applicants must have...

- the ability to complete mathematical computations independently.
- competency with fine motor skills.
- the ability to perform physical labor on the job site and in the lab.
- the ability to read and comprehend curriculum material.

PUBLIC SAFETY/CRIMINAL JUSTICE

Description

- Investigation and exploration of a broad range of career opportunities in Public Safety and Criminal Justice to include: courts, law enforcement, corrections, forensics, private security, emergency medical services, military and firefighting
- Learn the proper interpretation and application of a variety of laws, regulations, and procedures in Public Safety and Criminal Justice through simulated crime scene activities
- Earn industry related certificates in Cardio Pulmonary Resuscitation, Incident Command Systems and additional courses offered through the Federal Emergency Management Agency
- Dual Enrollment college credits

Entry Requirements – Applicants must have...

- ability to be an independent thinker and take initiative.
- a commitment to take responsibility for oneself and his/her actions and avoid unlawful and/or delinquent behavior.
- a readiness to learn and work in a mature, respectful, and honest environment.
- a willingness to participate in hands-on, rigorous, outdoor physical activity.

STEM ACADEMY

Description

- Provides a comprehensive overview of multiple engineering pathways
- Study advanced manufacturing technologies, product design, robotics, 3D printing and laser engraving/cutting
- Participate in problem/project-based activities that model engineering principles
- Earn Autodesk Inventor User certification and Certified Solidworks Certificate

Entry Requirements – Applicants must have...

- college preparatory coursework.
- interpersonal skills, effective communication skills, and self-motivation.
- the ability to work as a member of a team.
- the ability to apply learned skills to career interests.
- Algebra 2 – or can take concurrently with STEM.

VIDEO AND MULTIMEDIA COMMUNICATIONS

Description

- Learn how to take an idea from script to finished product in a project based curriculum
- Create projects using HD digital cameras, editing software, and audio recording devices
- Explore careers in television/film production, video editor, and on-camera talent
- Dual Enrollment college credits available

Entry requirements – Applicants must have...

- strong reading and writing skills.
- strong communication skills.
- the ability to work independently and as a team member.

ESSAY REQUIREMENTS FOR DIGITAL ARTS - (the essay should be typed and free of grammatical errors)

DIGITAL ARTS

Please address the following topic in a one to two page essay.

Why do you want to enroll in the Digital Arts program at Stafford Technical Center? What are your career goals? Please describe any artistic or computer experience that you have (i.e. classes, extra-curricular activities, hobbies, or influences).

Portfolio or examples of work are highly recommended. This could be a photocopy of a drawing or an address to a web page that you created. The instructor encourages students to write the essay after their visit to the program.



For more information about all of our programs visit us at

[*www.Staffordonline.org*](http://www.Staffordonline.org)

or call us at 770-1050