Career & Technical Education
at Franklin-Essex-Hamilton BOCES

High school programs that prepare juniors and seniors for career and college
Welcome to
Franklin-Essex-Hamilton BOCES
Established July 29, 1948

Franklin-Essex-Hamilton BOCES, chartered in 1948, was one of the first three Boards of Cooperative Educational Services in New York State. We offer a wide range of shared services to the individual school districts we serve, including: career and technical education, special education for students with disabilities, itinerant services, general instruction, instructional support, adult education, and management services. This booklet is a guide to the first of these services.

Career and Technical Education (CTE) includes programs that may lead directly to jobs after graduation. Many of these are high-paying, in-demand jobs that are available locally. For most students, additional postsecondary training will be beneficial for advancement in the trade. CTE prepares students for general college academics, two- and four-year technical programs, and trade-specific technical programs related to their studies at BOCES. In addition to our CTE classes, we offer New Vision college preparatory courses in specialized fields. Students in our programs learn a career and can receive job certifications and college credit while completing high school graduation requirements.

Franklin-Essex-Hamilton BOCES serves our students and their school districts through our two main buildings, the North Franklin Educational Center in Malone, and the Adirondack Educational Center in Saranac Lake. We also offer two CTE programs at Salmon River Central School. The school districts we serve are:

<table>
<thead>
<tr>
<th>North Franklin Educational Center</th>
<th>Adirondack Educational Center</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brushton-Moira</td>
<td>Lake Placid</td>
</tr>
<tr>
<td>Chateaugay</td>
<td>Long Lake</td>
</tr>
<tr>
<td>Malone</td>
<td>Raquette Lake</td>
</tr>
<tr>
<td>Salmon River</td>
<td>Saranac Lake</td>
</tr>
<tr>
<td>St. Regis Falls</td>
<td>Tupper Lake</td>
</tr>
</tbody>
</table>

To register for one of our programs, please contact your high school guidance counselor.

Franklin-Essex-Hamilton BOCES does not discriminate on the basis of an individual's actual or perceived race, color, religion, creed, ethnicity, national origin, citizenship status, age, marital status, partnership status, disability, predisposing genetic characteristics, sexual orientation, gender (sex), military status, veteran status, domestic violence victim status or political affiliation, and additionally does not discriminate against students on the basis of weight, gender identity, gender expression, and religious practices or any other basis prohibited by New York State and/or federal non-discrimination laws in employment or its programs and activities. The District provides equal access to community and youth organizations. Inquiries regarding the District's non-discrimination policies should be directed to:

Civil Rights Compliance Officer
23 Huskie Lane
Malone, NY 12953
(518) 483-6420
e-mail: CivilRightsCompliance@mail.fehb.org
Contents

CAREER & TECHNICAL EDUCATION ................................................................. 1
AUTOMOTIVE TECHNOLOGY ........................................................................... 3
BUILDING TRADES ...................................................................................... 4
COSMETOLOGY .......................................................................................... 5
CULINARY ARTS .......................................................................................... 6
EARLY CHILDHOOD EDUCATION ................................................................. 7
ELECTRICAL TRADES .................................................................................. 8
HEALTH OCCUPATIONS .............................................................................. 9
HEATING, VENTILATION & AIR CONDITIONING ......................................... 10
HEAVY EQUIPMENT OPERATION .............................................................. 11
NATURAL RESOURCE SCIENCE ................................................................. 12
WELDING TECHNOLOGY ............................................................................ 13
THE NEW VISION PROGRAM ...................................................................... 16
GAME DESIGN & DEVELOPMENT .............................................................. 17
GOVERNMENT & LAW .............................................................................. 17
HEALTH CAREERS .................................................................................... 19
OUR PROGRAMS AT-A-GLANCE ............................................................... 20
Career & Technical Education

Finish high school ready for the job you want.

FEH-BOCES CTE programs help you earn college credit & job certifications along with your diploma.

- Automotive Technology
- Building Trades
- Cosmetology
- Culinary Arts
- Early Childhood Education
- Electrical Trades
- Health Occupations
- Heating, Ventilation & Air Conditioning
- Heavy Equipment Operation
- Natural Resource Science

*Put yourself in the picture!*
Career & Technical Education

Hands-on training is at the heart of our Career & Technical Education (CTE) programs. Learn the skills to make your career dreams a reality. Career & Technical Education combines academic programs with high-demand technical skill development so you can graduate ready for work, higher education—or both.

Work-based learning

Connect the skills and knowledge learned in the classroom with real-world requirements of a business.

Core high school courses

Core academic courses are integrated with career-specific curriculum. FEH-BOCES offers coursework to meet the following credits, subject to local school approval:

- **1st year (junior)**
  - 2.5 CTE credits
  - .5 science credit
  - .5 math credit
  - .5 English credit

- **2nd year (senior)**
  - 2 CTE credits
  - .5 science credit
  - .5 math credit
  - .5 English credit

CTE Endorsement

Graduate with New York State Education Department CTE Endorsement on your high school diploma. To receive this endorsement, students must meet all graduation requirements at the home school, pass all 3 parts of the National Technical Assessment (written, practical, and project), and successfully complete the two-year CTE Program.

Industry Certification and Licensing

Our programs prepare students to meet local, state, and national certification and licensing requirements in their field.

College Articulation Credit

Our CTE programs have articulation agreements that allow for college credit. Students who go on to enroll in these colleges may apply for articulation credit to satisfy specific course requirements. Our “At-A-Glance” list at the back of this booklet shows colleges with which we have agreements.
Automotive Technology

Learn entry-level skills in automotive repair along with academics to prepare for continuing education at a technical college.

Gain hands-on experience working on the mechanical, electronic, and computerized systems of our fleet of shop vehicles. Classroom instruction teaches the scientific principles behind the systems used in the automobile and light truck, and the in-demand skills of diagnosis, repair, and preventative maintenance.

Skills include:

- preventative maintenance
- shop safety
- suspension systems
- engine theory
- computer controls
- engine troubleshooting
- basic automotive electricity
- emission controls
- lights, instruments, fuel systems
- cooling and electrical systems
- basic brake systems
- transmissions
- power and specialized tools
- fuel injection systems

These skills help prepare for a career as:

- automotive technician
- truck technician
- unit repair technician
- diagnostic technician
- alignment specialist
- brake specialist
- parts specialist
- manufacturing representative

A “real world” internship at local automotive businesses is an integral part of the student experience in the senior year.

➢ 2-year program
➢ Offered in Malone and Saranac Lake.
Building Trades

Learn the basic theories of carpentry using the tools and equipment of the trade. Students learn to apply their skills and knowledge to a variety of lab projects for hands-on experience in the classroom and at off-campus construction sites.

Skills include:
- basic residential electricity
- basic residential plumbing
- safety
- blueprint reading
- cabinet making

These skills help prepare for a career as:
- carpentry & cabinet making
- framing & finishing
- roofing
- sub-contracting
- building materials sales
- caretaker/custodian

Recent projects have included the construction of a “tiny house”, auctioned to the public after completion.

Skills include:
- interior/exterior trim and finish
- masonry
- roofing, siding, and flooring
- rough framing
- window and door installation

➢ 2-year program
➢ Offered in Malone and Saranac Lake
Cosmetology

Gain practical experience in the skills and theory necessary to be a licensed cosmetologist. Learn the latest techniques in hair design, nail care, skin care, and related services offered in a spa or salon.

Learn in a real salon environment with clients from the community. Develop computer, management, and employability skills that will give you an edge when entering the work force. The successful completion of the program (including a minimum 1,000 hours of instruction) qualifies students to take the New York State Cosmetology Licensing Exam.

Skills include:
- anatomy and physiology of hair, scalp, skin & nails
- principles of hair design
- shampooing, rinsing, and conditioning
- hair cutting, styling, and coloring
- braiding and braid extensions & wigs
- chemical texture services
- hair removal and facials
- manicuring and pedicuring
- business skills for the salon

These skills help prepare for a career as:
- stylist
- hair color or texture specialist
- makeup artist
- nail technician
- skin care specialist
- spa technician
- sales consultant
- salon manager/owner
- state board examiner
- wig or extension specialist

➤ 2-year program
➤ Offered in Malone and Saranac Lake
Culinary Arts

Gain the skills and knowledge that can lead to a wide range of employment in restaurants, hotels and other food services. Learn food production, baking and pastry arts, table service, and dining room management.

Learn through the authentic experience of preparing a daily menu for the school’s staff and students. Plan, prepare, and serve many catered events in the building. The program emphasizes quality production and pride in workmanship in an educational atmosphere that meets individual needs. Academic skills are strengthened through integration of math, language arts, science, and social studies into both theory and practical application.

Each school year, Culinary Arts students participate in teacher-directed work experiences followed by an external work placement in a BOCES-approved site of the student’s choice.

Skills include:

- baking & pastries
- dining room service & management
- entrepreneurship
- garde manger
- healthy cooking
- menu planning
- nutrition
- sanitation & safety
- soups, stocks & sauces
- chef
- advertising & marketing
- banquet & sales manager
- dietician
- food technologist
- inventory controller
- manager
- restaurant server

These skills help prepare students for a wide range of employment in restaurants, hotels, and institutions that provide food services, including:

- chef
- advertising & marketing
- banquet & sales manager
- dietician
- food technologist
- inventory controller
- manager
- restaurant server
Early Childhood Education

Learn about the development and education of children from birth to school age. Hands-on placement experiences offer the opportunity to demonstrate theory knowledge by educating and caring for young children.

Skills and theory include:

- child development
- children's literature
- cultural diversity
- early childhood education programs
- health and safety
- positive guidance

This experience helps prepare for a career as:

- childcare worker
- human services professional
- nanny
- school monitor
- social worker
- teacher aide

First Aid and CPR training are key components in the child safety unit. Students who complete the course may be eligible to receive a Child Development Association Certificate and a Child Abuse Maltreatment/Neglect Certificate, as well as 15 credit hours from the New York State Office of Children and Family Services.
Electrical Trades

Learn the theory and skills for a variety of careers related to residential and commercial electricity. The Electrical Trades program teaches the theory and principles of electricity. On-site learning experience includes hands-on installation, maintenance, troubleshooting, and repair of electrical wiring systems.

Skills and theory include:
- alarm systems
- basic circuitry
- basic theory of electricity
- electrical codes
- job estimating
- safety
- schematic and blueprint reading
- wiring

These skills help prepare for a career in:
- electrical repair
- utility company repair
- electrical appliance repair
- electrical inspecting
- communications installation
- electrical wholesale/retail sales

➤ 2-year program
➤ Offered in Malone
Health Occupations

Through classroom instruction and clinical, supervised experience, get a true picture of health occupations. Learn about human physiology and put that knowledge to work gaining entry-level skills in a variety of health care fields. Hands-on experience includes supervised practical learning at area health care centers.

Skills include:

- circulatory and respiratory care
- communication
- first aid & CPR certification
- infection control
- lifting, moving and transporting
- medical terminology
- nutrition and diet therapy
- personal care
- personal resource management
- pre- and post-operative care

These skills help prepare for a career as:

- Alzheimer's technician
- certified home health aid
- certified nurse's aide
- certified personal care assistant
- home health aide
- phlebotomy technician
- rehabilitation/habilitation aide

- 2-year program
- Offered in Malone and Saranac Lake
Heating, Ventilation & Air Conditioning

Learn entry-level skills to start a career in heating, ventilation, and air conditioning. Successful students may receive industry certifications.

Skills include:

- basic electricity
- career planning
- customer relations
- pipefitting
- plumbing tools, drainage & venting
- refrigerant management
- renewable energy systems
- safety
- sheet metal & duct fabrication
- soldering & brazing

These skills help prepare for a career as:

- business entrepreneur
- contractor
- controls technician
- engineering laboratory technician
- HVAC-R technician
- mechanical engineer
- oil burner & heating mechanic
- pipe fitter
- plant maintenance worker
- sprinkler installer
- supply salesperson

- design & installation of:
  - heating & cooling systems
  - boilers & radiant floor heating
  - gas & oil furnaces & burners

2-year program
Offered in Salmon River
Heavy Equipment Operation

Learn how to operate and repair heavy equipment, including bulldozer, backhoe, front-end loader, excavator, motor grader, dump truck, and trailer. Through classroom instruction and hands-on experience, learn basic principles, theory, and skills to keep heavy equipment operating safely and optimally. We teach about diesel and gas fuel systems, hydraulic systems, power train, and vehicle electricity.

Skills include:
- basic engine repair
- preventative maintenance
- safety
- shop management
- welding and fabrication

These skills help prepare for a career as:
- heavy equipment operator/mechanic
- diesel mechanic
- hydraulic systems mechanic
- tractor mechanic
- machinery set up/sales

➢ 2-year program
➢ Offered in Malone
Natural Resource Science

Learn industry and academically modern techniques in Natural Resource Science, and apply them to real-world situations in a safe, project-based, educational environment.

Skills include:
- fisheries management
- forest management
- wildlife management
- drinking water management
- heavy equipment operation & maintenance
- horticulture & aquaculture
- silviculture & arboriculture
- road /trail construction
- safe working practices
- surveying & mapping

These skills help prepare for a career as:
- arborist/tree care specialist
- environmental technician
- environmental/nature interpreter
- fisheries technician
- forest technician
- heavy machinery operator
- parks service worker
- pulpwood harvester/logger
- surveyor's helper
- water pollution control worker

Successful students in this program can earn multiple academic and industry certifications. In addition to theoretical and hands-on education, learn about career opportunities, post-secondary colleges, and trade schools.

➤ 2-year program
➤ Offered in Saranac Lake
Welding Technology

Learn Metalworking and Welding Technology through hands-on fieldwork and an integrated advanced curriculum.

Skills include:
- air carbon arc cutting
- blueprint reading & interpretation
- data collection
- gas metal arc welding (GMAW)
- gas tungsten arc welding (GTAW)
- oxy-fuel cutting & welding
- plasma arc cutting
- shielded metal arc welding (SMAW)
- welding safety

These skills help prepare for a career as:
- general machinist
- general welder
- iron worker apprentice
- machine operator
- maintenance welder
- pipe fitter
- production worker
- structural welder
- welder/fabricator

Successful students in this program will be prepared for several certifications in the field of metalworking technology and welding.

- 2-year program
- Offered in Salmon River
New Vision

Authentic, career-oriented learning that integrates high school and college credit

- Game Design & Development
- Government & Law
- Health Careers
The New Vision program

New Vision pre-professional elective programs combine career exploration and applied work-based learning with advanced academic study. Learn through real-world work environment experiences, side by side with professionals. New Vision students have both classroom theory and career shadowing experiences, including the chance to enter the career setting they are exploring.

New Vision offers students a chance to explore a career and earn college credit as high school seniors.

Students have authentic learning experiences in the career environment while taking core academic classes taught through a curriculum based on a specific career area. Most New Vision curricula integrate senior English and social studies, enabling students to meet a portion of their senior requirements for graduation while taking the New Vision program.

Successful students receive high school credit; in addition, our bridge program lets you receive credit at North Country Community College, and articulation agreements allow transfer credits to partnering institutions.

Franklin Essex-Hamilton-BOCES offers three New Vision programs. Health Careers and Game Design & Development are taught through the North Franklin Educational Center (NFEC) in Malone and at the Adirondack Educational Center (AEC) in Saranac Lake. New Vision Government & Law is offered through NFEC.

Interested students should:

- obtain recommendations from their guidance counselor and principal
- submit an application, letter of recommendation, and transcript through their guidance counselor
- complete an interview with New Vision staff.

Students should be prepared to work independently and in teams and be committed to demonstrating professionalism.
Game Design & Development

Design and program complete games and applications from the ground up. Learn the fundamentals of programming, design, and production of small and medium scale projects in a collaborative, hands-on studio environment. Study and design game rules, mechanics, and simulations.

Game Design & Development is a project-based course. Work on several projects that help prepare for college and university programs in programming, game design, and related fields (including schools in this area such as SUNY Canton and Rochester Institute of Technology).

Skills include:

- C# scripted programming language
- Unity game engine
- Microsoft Visual Studio
- publishing universal Windows apps (Windows 10 Devices, HoloLens, & many more)

These skills help prepare for careers in:

- video game and virtual world creation
- web development
- information security
- networking
- multimedia

Students have access to a laptop computer and remote server in an on-line and face-to-face classroom environment.

Interested students must have taken algebra and have a minimum 85 average. Advanced coursework in geometry and/or trigonometry is recommended.

➢ 1-year program offered in Malone and Saranac Lake.
Government & Law

Learn and work through interdisciplinary immersion in a professional setting alongside lawyers, court officials, law enforcement, and a wide range of other legal professionals.

New Vision Government & Law is an academically rigorous program for college-bound seniors who plan to major in pre-law, political science, or criminal justice.

The academic curriculum combines with experiential rotation to provide a rich and rewarding learning opportunity. Government & Law students develop a positive work ethic, professionalism, and maturity.

Skills include:

- court case analysis
- law interpretation
- argumentation
- researching landmark & current legal issues
- public speaking techniques

These skills help prepare students for careers in:

- business law
- contract law
- criminal law
- customs law
- environmental law
- family law
- homeland security
- immigration law
- malpractice/medical law
- probation

New Vision Government & Law is taught in Malone, close to legal offices, the Franklin County courthouse, and the law library.
Health Careers

Learn and work through interdisciplinary immersion in the healthcare field. The college-preparatory curriculum centers around clinical observational rotations in local healthcare facilities. This experience helps students make their important career decisions and prepare for college success.

Health care topics include:

- anatomy & physiology
- medical terminology
- confidentiality
- medical ethics
- human development
- infection control
- health care funding

Clinical rotations and classroom work help prepare for careers in:

- medicine
- laboratory services
- maternity care
- medical imaging
- nursing services
- nutrition services
- occupational & physical therapy
- patient education
- pharmacy
- speech therapy

North Franklin Educational Center students participate in clinical observation at the Alice Hyde Medical Center in Malone. Adirondack Educational Center student rotations take place at the Adirondack Medical Center in Saranac Lake.

➢ 1-year program offered in Malone and Saranac Lake.
## Our Programs At-a-Glance

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Location</th>
<th>Length</th>
<th>High School Credit(1)</th>
<th>College Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Automotive Technology</strong></td>
<td>AEC (Saranac Lake)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): Fulton-Montgomery Community College 9 cr. Morrisville State College 3 cr. SUNY Canton 3 cr. SUNY Delhi 5 cr.</td>
</tr>
<tr>
<td></td>
<td>NFEC (Malone)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Building Trades</strong></td>
<td>AEC (Saranac Lake)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): Fulton-Montgomery Community College 7 cr. SUNY Canton 3 cr. SUNY Delhi 6 cr.</td>
</tr>
<tr>
<td></td>
<td>NFEC (Malone)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cosmetology</strong></td>
<td>AEC (Saranac Lake)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): North Country Community College 6 cr.</td>
</tr>
<tr>
<td></td>
<td>NFEC (Malone)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Culinary Arts</strong></td>
<td>AEC (Saranac Lake)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): Paul Smith’s College 13 cr. SUNY Cobleskill 8 cr. &amp; guaranteed admission into the AOS Culinary Arts, AAS Restaurant Management or BBA Technology Management Culinary Arts programs SUNY Delhi 6 cr.</td>
</tr>
<tr>
<td></td>
<td>NFEC (Malone)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Early Childhood Education</strong></td>
<td>NFEC (Malone)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): Clinton Community College 6 cr. Herkimer County Community College 6 cr. SUNY Canton 9 cr.</td>
</tr>
<tr>
<td><strong>Electrical Trades</strong></td>
<td>NFEC (Malone)</td>
<td>CTE: 2 years (junior &amp; senior)</td>
<td>CTE 4.5 cr. English 1 cr. Math 1 cr. Science 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): Fulton-Montgomery Community College 6 cr. SUNY Delhi 16 cr.</td>
</tr>
<tr>
<td><strong>Game Design &amp; Development</strong></td>
<td>AEC (Saranac Lake)</td>
<td>New Vision: 1 year (senior)</td>
<td>Economics .5 cr. English 1 cr. Government .5 cr. NV Computer Logic .5 cr. NV Fundamentals of Gaming .5 cr. NV Game Design &amp; Prototyping 1 cr.</td>
<td><strong>Articulation agreements</strong>(2): SUNY Canton 9 cr. <strong>North Country Community College bridge classes</strong>(3): ENG 101, ENG 105 (3 cr. each)</td>
</tr>
<tr>
<td></td>
<td>NFEC (Malone)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

\(1\) High school credit is offered by FEH-BOCES; not all school districts award all credits.

\(2\) Articulation agreements provide transfer credit to students who enroll in the partnering institution. Restrictions may apply.

\(3\) Bridge classes enroll the student in the partnering institution for those classes and generate a transcript from that school.

\(4\) National Occupational Competency Testing Institute certification available to students who pass NOCTI tests. This information is subject to change.
<table>
<thead>
<tr>
<th>Program Name</th>
<th>Location</th>
<th>Length</th>
<th>High School Credit</th>
<th>College Credit</th>
</tr>
</thead>
</table>
| Government & Law             | NFEC (Malone)    | New Vision: 1 year (senior)     | Economics .5 cr.   | Articulation agreements:
|                              |                  |                                 | English 1 cr.       | Fulton-Montgomery Community College 6cr.                                        |
|                              |                  |                                 | Government .5 cr.  | North Country Community College bridge classes:
|                              |                  |                                 | NV Criminal Justice 1 cr. | ENG 101, ENG 105, POS 101, POS 1020 (3 cr. each)                                |
|                              |                  |                                 | Political Science .5 cr. |                                        |
|                              |                  |                                 | Speech .5 cr.       |                                        |
| Health Careers               | AEC (Saranac Lake)| New Vision: 1 year (senior)     | Anatomy & Physiology 1 cr. | North Country Community College bridge classes:
|                              |                  |                                 | Economics .5 cr.   | ENG 101, HED 100, POS 102, PSY 138 (3 cr. each)                                 |
|                              |                  |                                 | English 1 cr.       |                                        |
|                              |                  |                                 | Government .5 cr.  |                                        |
|                              |                  |                                 | NV Health .5 cr.   |                                        |
|                              |                  |                                 | Medical Terminology .5 cr. |                                        |
| Health Careers               | NFEC (Malone)    | New Vision: 1 year (senior)     | Anatomy .5 cr.     | North Country Community College bridge classes:
|                              |                  |                                 | Economics .5 cr.   | RAND 109 (4 cr.)                                                                 |
|                              |                  |                                 | English 1 cr.       | ENG 101 (3 cr.)                                                                 |
|                              |                  |                                 | Government .5 cr.  | HEA 101 (3 cr.)                                                                 |
|                              |                  |                                 | NV Health .5 cr.   |                                        |
|                              |                  |                                 | Political Science .5 cr. |                                        |
| Health Occupations           | AEC (Saranac Lake)| CTE: 2 years (junior & senior) | CTE 4.5 cr.         | Articulation agreements:
|                              | NFEC (Malone)    |                                 | Math 1 cr.          | Fulton-Montgomery Community College 10 cr.                                      |
|                              |                  |                                 | English 1 cr.       | North Country Community College 10 cr.                                          |
|                              |                  |                                 | Science 1 cr.       |                                        |
| Heating, Ventilation & AC    | Salmon River CS  | CTE: 2 years (junior & senior)  | CTE 4.5 cr.         | Articulation agreements:
|                              |                  |                                 | Math 1 cr.          | SUNY Canton 10 cr.                                                              |
|                              |                  |                                 | English 1 cr.       | SUNY Delhi 4 cr.                                                               |
|                              |                  |                                 | Science 1 cr.       |                                        |
| Heavy Equipment Operation    | NFEC (Malone)    | CTE: 2 years (junior & senior)  | CTE 4.5 cr.         | Articulation agreements:
| Natural Resource Science     | AEC (Saranac Lake)| CTE: 2 years (junior & senior)  | Math 1 cr.          | Paul Smith’s College 4 cr.                                                      |
| Welding Technology           | Salmon River CS  | CTE: 2 years (junior & senior)  | CTE 4.5 cr.         | Articulation agreements:
|                              |                  |                                 | Math 1 cr.          | Paul Smith’s College 6 cr.                                                      |
|                              |                  |                                 | English 1 cr.       |                                        |
|                              |                  |                                 | Science 1 cr.       |                                        |

1High school credit is offered by FEH-BOCES; not all school districts award all credits.
2Articulation agreements provide transfer credit to students who enroll in the partnering institution. Restrictions may apply.
3Bridge classes enroll the student in the partnering institution for those classes and generate a transcript from that school.
4National Occupational Competency Testing Institute certification available to students who pass NOCTI tests.

This information is subject to change.
For more information, you may contact the principals or guidance counsellors at the FEH-BOCES school that serves your area:

North Franklin Educational Center
23 Huskie Lane
Malone, NY 12953
(518) 483-5230

Adirondack Educational Center
711 NYS Route 3
Saranac Lake, NY 12983
(518) 891-1330

Follow & Share
FACEBOOK.COM/FEHBOCES/

Franklin-Essex-Hamilton BOCES
FEHB.ORG

Lighting the Way to the Future