

Northern Berkshire Vocational Regional School District

McCann Technical School

2023 ANNUAL REPORT

The Northern Berkshire Vocational Regional School District, McCann Technical School, students, faculty and staff continued their record of noteworthy accomplishments in fiscal year 2023 and this report highlights some of these accomplishments.

Our mission is to graduate technically skilled, academically prepared, and socially responsible individuals ready to meet the challenges of the 21st century. Our mission and educational philosophy are implemented by adhering to the following core values:

Respect for self, others, and the learning environment promotes a positive learning experience for all students.

Effort is demonstrated through an applied work ethic that includes punctuality, improvement, and a determination to succeed.

Accountability develops personal responsibility for both behavior and learning.

Communication facilitates collaboration, promotes self-advocacy, and develops positive relationships.

Honor requires students to act with integrity, honesty, positivity, and empathy for others.

McCann continues to offer high quality vocational and academic education. The faculty and staff pride themselves on meeting the needs of all of our learners as the best practices in teaching and education are constantly being developed and refined. Our vocational programs are updated annually to the latest industry-recognized techniques and equipment. We are excited to announce that we are adding a tenth high school vocational program, HVAC/R. In December 2022 we were the recipient of a \$3,110,000.00 Skills Capital grant for FY24 and FY25 to construct and equip a new facility on our campus. Academic programs consistently implement updated and relevant material for their disciplines. The support from our member towns is integral in creating this culture of learning which is reflected in our students' accomplishments.

The accomplishments of our students reflect the McCann culture of learning. The class of 2023 was the

twentieth class in a row to attain 100 percent competency determination as designated by the Department of Elementary and Secondary Education (DESE). Competency determination for the class of 2023 was modified as a result of the COVID-19 pandemic and certified through an attestation of a four-year course-completion requirement. 123 graduates of the class of 2023 saw 64% continue their education in a variety of colleges and universities, 33% enter the workforce, and 3% proudly enter into military service. In 2023 we were excited to return to MCLA for our commencement exercises with 123 graduates and a full campus center audience.

GRADE 10 – ENGLISH LANGUAGE ARTS			
PERFORMANCE LEVEL	2021	2022	2023
EXCEEDING EXPECTATIONS	9%	4%	6%
PASSING	82%	94%	88%
NOT MEETING EXPECTATIONS	9%	2%	6%

GRADE 10 – MATHEMATICS			
PERFORMANCE LEVEL	2021	2022	2023
EXCEEDING EXPECTATIONS	2%	0%	1%
PASSING	83%	94%	91%
NOT MEETING EXPECTATIONS	15%	6%	8%

GRADE 10 – SCIENCE AND TECH/ENG			
PERFORMANCE LEVEL	2021	2022	2023
EXCEEDING EXPECTATIONS	NA	14%	7%
PASSING	NA	49%	87%
NOT MEETING EXPECTATIONS	NA	32%	6%

There were no MCAS tests in 2020 and no science and tech/Eng MCAS in 2021.

2022-2023 athletics resumed competition without any Covid restrictions in place across all games. The values of teamwork, personal fitness, healthy competition, and school spirit were welcomed back by the school community and the student athletes represented the school well.

In the fall of 2022 McCann hosted a visiting team from the New England Association of Schools and Colleges (NEASC) for our decennial accreditation. The visit took place from October 31st to November 3rd and consisted of a team of technical and academic instructors from across New England. The visiting team spent their time reviewing all aspects of the school including the programs offered, student support systems, and the school facility. The visit earned high praise from the visiting team who also provided recommendations for continued excellence over the next evaluation cycle. McCann was awarded continued accreditation with NEASC at the association's spring 2023 commissioner's meeting. Our culinary arts program was reaccredited for another five years by the American Culinary Federation Education Foundation Commission.

Our continuous facility improvement program allowed us to renovate our Guidance suite offices, install 80 new student lockers and refurbish an additional 150. We also created 57 new parking spaces in the front of the campus to accommodate the increased student demand. We completed air handling upgrades for the library and replaced the aging electrical equipment. We installed additional security cameras throughout the building and grounds and replaced a number of IT servers.

The integration of new educational technology continues to be our priority. We used our Perkins Grant to continue our upgrade of software in all of our technical areas. We installed replacement servers and new cabling throughout our network and expanded our Wi-Fi network to accommodate additional computers and Chromebooks. We installed 19 new Smartboards throughout the building to enhance the use of the latest educational technology. Similarly, we upgraded all of the CAD department's computer systems to accommodate new design software requirements.

McCann continued its ongoing participation in SkillsUSA, a national organization of more than 380,000 student and teacher members and more than 440,000 total members working to ensure America has a skilled work force. McCann is a 100% member of SkillsUSA which has provided the opportunity for our students to earn scholarships, tools for their trade, opportunities for employment and awards in recognition of their accomplishments. The 2023 SkillsUSA district competition was held virtually at McCann in accordance with the school's policies and the SkillsUSA guidance. McCann students earned seventeen gold medals in 3-D visualization and animation, additive manufacturing,

architectural drafting, automated manufacturing technology, cosmetology, customer service, dental assisting, medical assisting, sheet metal, technical computer applications, technical drafting and web design. Nineteen silver medals were awarded in 3-D visualization and animation, additive manufacturing, automated manufacturing technology, automotive service technology, baking and pastry arts, carpentry, cosmetology, dental assisting, internetworking, sheet metal, technical computer applications, technical drafting, web design and welding. Sixteen bronze medals were also earned in 3-D visualization and animation, additive manufacturing, automated manufacturing technology, baking and pastry arts, carpentry, cosmetology, dental assisting, restaurant service, sheet metal, technical drafting and web design. The 2023 SkillsUSA state competition was held in Marlborough, MA. McCann students earned six gold medals in carpentry, cosmetology, dental assisting, job interview, sheet metal and technical drafting. Three silver medals were awarded 3-D visualization and animation, cosmetology and dental assisting. One bronze medal was also earned in automated manufacturing technology. The gold medal winners advanced to The National Leadership & Skills Conference in Atlanta, GA in June. McCann earned a bronze medal in sheet metal. We are incredibly proud of our competitors!

Business Professionals of America (BPA) is the premier CTSO (Career and Technical Student Organization) for students pursuing careers in business management, information technology, finance, office administration, health administration and other related career fields. The mission of Business Professionals of America is to develop and empower student leaders to discover their passion and change the world by creating unmatched opportunities in learning, professional growth and service. With 45,000 members in over 1,800 chapters across 25 states and Puerto Rico, as well as an international presence in China, Haiti and Peru, BPA is an organization that supports business and information technology educators by offering co-curricular exercises based on national standards. This organization's activities complement classroom instruction by giving students practical experience through application of the skills learned at school. BPA is contributing to the preparation of a world-class workforce through the advancement of leadership, citizenship, academic, and technological skills.

At the 2023 BPA State Leadership Conference (SLC) in March, McCann BPA members earned seven 1st place,

two 2nd place, four 3rd place, five 4th place, and two 5th place awards. McCann students competed in finance, business administration, management information systems, digital communication and design, and management, marketing and communications. Twelve students traveled to Anaheim, CA for the National Leadership Conference in May.

Cooperative education is a program of vocational technical education for students who, through a cooperative arrangement between the school and employers, receive instruction, including related vocational instruction, by the alternating of study in school with a job in the occupation field. Such instruction shall be planned and supervised by the school and the employer so that each contributes to the student's education and employability. Work periods will be on alternate weeks during the school year. The experiences gained through cooperative education are critically beneficial to graduates entering the workforce, continuing their collegiate education or entering into military service.

During the 2022-2023 school year there were fifty-three seniors placed in co-op positions with thirty-seven of our cooperative education industry partners. The senior placement rate was 43% of the senior class during this time period. The junior placement from March-June was twenty-one placements with sixteen of our cooperative education industry partners. The junior placement rate was 19% of the junior class during this time period.

McCann students continued to excel in receiving industry-recognized credentials through their vocational programs. All of our sophomores school-wide earned their OSHA-10 certifications. Industry-recognized credentials such as these are prevalent in all of our vocational programming and offer our students a competitive advantage when entering the workforce.

All eleven culinary arts seniors achieved the American Culinary Federation Certified Fundamental Cook Certifications and six of our seniors achieved the ServSafe manager certification. All seniors also achieved their Massachusetts Food Allergy Certification.

Thirty-four of the business technology students earned their certifications in a number of Microsoft Office programs including Access Expert, Excel, PowerPoint and Word.

Advanced Manufacturing Technology students continued to excel as evidenced by their performance on the MACWIC exams. MACWIC is an industry-recognized credential that provides students with certifications demonstrating their proficiency in the manufacturing industry. 14 of our underclassmen received level 1 certification and 11 of our upperclassmen received level 2 certification which includes the Massachusetts Department of Labor pre-apprentice status. We also had two seniors achieve the SolidWorks CSWA academic certification.

Our computer assisted design drafting students were similarly successful in a variety of Certipoint Autodesk Certified User certifications as follows: AutoCAD, 2, Maya, 1, RevIt, 4 and Certified OnShape Associate, 3.

All of our automotive technology seniors achieved the following certifications through the NC3 Snap-On program: EHP System V tire and wheel service; B2000P Wheel balancing; Pro 42 wheel alignment and the 504 multimeter certification.

Seven metal fabrication seniors received a total of eleven welding certifications in various processes and positions and three junior students qualified for four welder certifications. All sophomore students earned their Massachusetts Hot Work Certification.

The success of our student body continues to be measured by our 100% competency determination, high career placement, high college matriculation rate and technical expertise in national skills competitions.

The district continues to operate on sound financial management principles and incorporates technology in this process to ensure maximum benefit for all of our programming. At the end of the fiscal year we returned \$45,683.00 of unused transportation monies to our communities. The district continues to search out grants to support our educational funding to improve instructional services and vocational equipment.

Our Massachusetts Board of State Examiners of Electricians 8 module (600 hour) journeyman electrical program continues to expand with over 64 electricians completing modules in 2022-2023.

FY23 Budgeted Revenues		Budget	Actual
City & Town Assessments			
Municipal Minimum		\$3,451,123.00	\$3,451,123.00
Capital		\$25,940.00	\$25,940.00
Transportation		\$171,015.00	\$171,015.00
Municipal Assessment		\$102,600.00	\$102,600.00
Ch. 71 Transportation		\$311,000.00	\$356,683.00
Ch. 70 General School Aid		\$6,273,595.00	\$6,273,595.00
Tuitions		\$321,218.00	\$321,218.00
Miscellaneous Revenue		\$0.00	\$0.00
Total Revenue Received		\$10,656,491.00	\$10,702,174.00
Member City & Town Transportation Refunds			(\$45,683.00)
		\$10,656,491.00	\$10,656,491.00
Source	Grant	Amount	
(Federal Entitlement)			
Fed	Sped IDEA		\$132,065.00
Fed	Title I		\$127,029.00
Fed	Title II A		\$17,721.00
Fed	Title IV		\$10,382.00
Fed	Perkins		\$78,058.00
Fed	Postsecondary Perkins		\$3,311.00
Fed	Perkins Improvement & Equipment		\$39,610.00
Fed	Perkins Postsecondary Reserve		\$9,518.00
Fed	ESSER II		\$82,020.00
Fed	ESSER III		\$418,248.00
Fed	CVTE Admissions		\$30,000.00
(Federal Grants Other)			
REAP			\$31,206.73
(State Grants)			
MyCap			\$11,300.00
Workforce Skills Capital Equipment			\$343,402.27
MassHire Berkshire: Connecting Activities			\$2,000.00
MassHire Berkshire: College & Career			\$9,000.00
Mass Cultural Council			\$2,455.26
MA Life Science			\$24,350.00
MassStep Culinary Arts NAPS			\$27,795.14
(Private)			
Private	Olmsted		\$5,000.00
Private	BHG Wellness		\$2,000.00
Private	General Dynamics		\$2,000.00
Private	Char. Ed Content Inst. Special Earmark HVAC FC196 DESE Admin		\$10,813.00
Private	Robotics Interest Group		\$2,500.00
Private	Gene Haas Foundation (AMT)		\$15,000.00
	TOTAL GRANTS		\$1,436,784.40

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Superintendent