

# Northern Berkshire Vocational Regional School District

## McCann Technical School

### 2024 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 2024 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 21<sup>st</sup> 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 have added a new vocational training program, HVAC/R Technician. The construction of a new 5,800 square foot training facility was completed in May of 2024. The project was funded by a \$3,110,000.00 Skills Capital Grant. 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 2024 was the twentieth class in a row to attain 100 percent competency determination as designated by the Department of Elementary and Secondary Education (DESE). 109 graduates of the class of 2024 saw 60% continue their education in a variety of colleges and universities, 38% enter the workforce, and 2% proudly enter into military service. In 2024 we once again held our commencement exercises at MCLA with 109 graduates and a full campus center audience.

GRADE 10 – ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2021	2022	2023	2024
EXCEEDING EXPECTATIONS	9%	4%	6%	9%
PASSING	82%	94%	88%	83%
NOT MEETING EXPECTATIONS	9%	2%	6%	8%

GRADE 10 – MATHEMATICS				
PERFORMANCE LEVEL	2021	2022	2023	2024
EXCEEDING EXPECTATIONS	2%	0%	1%	3%
PASSING	83%	94%	91%	93%
NOT MEETING EXPECTATIONS	15%	6%	8%	4%

GRADE 10 – SCIENCE AND TECH/ENG				
PERFORMANCE LEVEL	2021	2022	2023	2024
EXCEEDING EXPECTATIONS	NA	14%	7%	10%
PASSING	NA	49%	87%	84%
NOT MEETING EXPECTATIONS	NA	32%	6%	6%

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

The 2023-2024 athletic calendar featured a number of successful accomplishments for our teams who represented the school well. The baseball team won the Western Mass. Championship that served as the culmination of a positive athletic year.

In the fall of 2023 McCann hosted an accreditation team from the Council on Occupational Education. The visiting team reviewed our programs and we received the maximum of six years continued accreditation. Similarly we hosted an accreditation team from the Commission on Dental Accreditation for our dental assisting program and received numerous plaudits and continued accreditation for seven years. The results of these two accreditation visits is a testament to our faculty, students, alumni and employers.

Our continuous facility improvement program allowed us to complete the furnishing and equipping of the new HVAC/R facility, renovate our business technology laboratory, our front entranceway and several improvements in the gymnasium.

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 replaced approximately 155 computer systems both desktop and laptops to ensure all systems are Microsoft Windows 11 compliant. We installed 6 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 2024 SkillsUSA district competition was held virtually at McCann in accordance with the school's policies and the SkillsUSA guidance. McCann students earned eighteen gold medals in 3-D visualization and animation, additive manufacturing, automated manufacturing technology, carpentry, cosmetology, dental assisting, information technology services, medical assisting, restaurant service, sheet metal, technical computer applications, technical drafting and web design. Fifteen silver medals were

awarded in 3-D visualization and animation, additive manufacturing, architectural drafting, carpentry, customer service, dental assisting, medical assisting, sheet metal, technical computer applications, technical drafting, web design and welding. Seventeen bronze medals were also earned in 3-D visualization and animation, automated manufacturing technology, automotive service technology, carpentry, CNC 3 Axis Milling Programmer, dental assisting, electrical construction wiring, industrial motor control, medical assistant, sheet metal, technical computer applications, web design and welding. The 2024 SkillsUSA state competition was held in Marlborough, MA. McCann students earned two gold medals in technical drafting and dental assisting. Four silver medals were awarded in automated manufacturing technology and dental assisting. Three bronze medals were also earned in 3-D visualization and animation and carpentry. The gold medal winners advanced to The National Leadership & Skills Conference in Atlanta, GA in June. McCann earned a gold medal in dental assisting. 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 2024 BPA State Leadership Conference (SLC) in March, McCann BPA members earned two 2<sup>nd</sup> place, one 3<sup>rd</sup> place, two 4<sup>th</sup> place, and two 5<sup>th</sup> place awards. McCann students competed in finance, business administration, management information systems, digital communication and design, and management, marketing

and communications. Four students traveled to Chicago, IL 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 2023-2024 school year there were fifty-four seniors placed in co-op positions with thirty-seven of our cooperative education industry partners. The senior placement rate was 50% of the senior class during this time period. The junior placement from March-June was thirty-five placements with eighteen of our cooperative education industry partners. The junior placement rate was 27% 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 five culinary arts seniors achieved the American Culinary Federation Certified Fundamental Cook Certifications and four of our seniors achieved the ServSafe manager certification. All seniors also achieved their Massachusetts Food Allergy Certification. All eight of our freshmen students for the first time achieved the ServSafe Food Handler Certification and all sophomores achieved their 10-hour OSHA certification.

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

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. 16 of our underclassmen received level 1 certification and 12 of our upperclassmen received level 2 certification which includes the Massachusetts Department of Labor pre-apprentice status.

Our computer assisted design drafting students were similarly successful in a variety of certifications as follows:

- Certiport Autodesk Certified User certifications: AutoCAD 16, Revit 12, Maya 1, Fusion 360 5.
- OnShape Certifications: Certified OnShape Associate 3, Certified OnShape Professional 1.

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.

Two metal fabrication seniors received a total of five welding certifications in various processes and positions and two junior students qualified for three 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 \$82,740.00 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 79 electricians completing modules in 2023-2024. We also had 28 complete the master electrician course.

FY24 Budgeted Revenues		Budget	Actual
City & Town Assessments			
Municipal Minimum		\$3,758,739.00	\$3,758,739.00
Capital		\$18,260.00	\$18,260.00
Transportation		\$181,691.00	\$181,691.00
Municipal Assessment		\$112,490.00	\$112,490.00
Ch. 71 Transportation		\$336,288.00	\$419,028.00
Ch. 70 General School Aid		\$6,841,032.00	\$6,841,032.00
Tuitions		\$235,702.00	\$235,702.00
Miscellaneous Revenue		\$14,864.00	\$14,864.00
Total Revenue Received		\$10,656,491.00	\$11,581,806.00
Member City & Town Transportation Refunds			(\$82,740.00)
		\$11,499,066.00	\$11,499,066.00
<b>Source</b>	<b>Grant</b>	<b>Amount</b>	
<b>(Federal Entitlement)</b>			
Fed	Sped IDEA		\$165,182.42
Fed	Title I		\$144,016.19
Fed	Title II A		\$15,422.00
Fed	Title IV		\$11,578.00
Fed	Perkins		\$68,516.00
Fed	Perkins Improvement & Equipment		\$23,600.00
Fed	Perkins Postsecondary Reserve		\$5,263.00
Fed	ESSER III		\$363,715.00
<b>(Federal Grants Other)</b>			
REAP			\$68,457.00
<b>(State Grants)</b>			
MyCap			\$6,492.00
Workforce Skills Capital			\$3,110,000.00
MassHire Berkshire: Connecting Activities			\$2,000.00
MassHire Berkshire: College & Career			\$5,981.19
MassStep Culinary Arts NAPS			\$71,017.43
<b>(Private)</b>			
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		\$39,812.00
Private	Linwood Rhodes		\$7,000.00
Private	Culinary Arts – Heidi Moulton		\$2,000.00
Private	Gene Haas Foundation (AMT)		\$18,000.00
	<b>TOTAL GRANTS</b>		<b>\$4,138,052.23</b>

**JAMES J. BROSNAN**  
Superintendent