

Northern Berkshire Vocational Regional School District

McCann Technical School

2022 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 2022 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 prides itself 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. 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 2022 was the nineteenth 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 2022 was modified as a result of the COVID-19 pandemic and certified through an attestation of a four-year course-completion requirement. 104 graduates of

the class of 2022 saw 49% continue their education in a variety of colleges and universities, 49% enter the workforce, and 2% proudly enter into military service. The graduation class was able to have an in-person commencement ceremony on its regularly scheduled day, June 1, 2022.

GRADE 10 – ENGLISH LANGUAGE ARTS			
PERFORMANCE LEVEL	2019	2021	2022
EXCEEDING EXPECTATIONS	2%	9%	4%
PASSING	96%	82%	94%
NOT MEETING EXPECTATIONS	2%	9%	2%

GRADE 10 – MATHEMATICS			
PERFORMANCE LEVEL	2019	2021	2022
EXCEEDING EXPECTATIONS	0%	2%	0%
PASSING	94%	83%	94%
NOT MEETING EXPECTATIONS	6%	15%	6%

GRADE 10 – SCIENCE AND TECH/ENG			
PERFORMANCE LEVEL	2019	2021	2022
ADVANCED	16.0%	NA	14%
PROFICIENT	56.0%	NA	49%
NEEDS IMPROVEMENT	25.0%	NA	32%
FAILING	3.0%	NA	5%

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

2021-2022 saw the full return to sports seasons throughout the year. Covid-pandemic measures were in place for indoor sports but students were fully engaged in a complete slate of athletic offerings. 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.

Our continuous facility improvement program allowed us to remove asbestos pipe covering and replace our heating and air handling equipment in the gymnasium and locker rooms, upgrade bathroom exhaust fans and

replace additional heating units in the building. We upgraded electrical systems in the gymnasium and the IT and CAD departments. We installed new security fencing on the athletic fields and installed new equipment in the culinary department.

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 received a Skills Capital Grant of \$96,403.00 enabling us to replace welders and add a robotic welding system for our metal fabrication program. We installed Smartboards in our CAD, AMT and IT programs.

McCann continued its ongoing participation in SkillsUSA, a national organization of more than 331,000 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 2022 SkillsUSA district competition was held virtually at McCann in accordance with the school's policies and the SkillsUSA guidance. McCann students earned thirteen gold medals in 3-D visualization and animation, additive manufacturing, architectural drafting, carpentry, cosmetology, dental assisting, medical assisting, sheet metal, technical drafting and web design. Fourteen silver medals were awarded in 3-D visualization and animation, additive manufacturing, carpentry, CNC milling, commercial baking, cosmetology, dental assisting, medical assisting, restaurant service, sheet metal, technical drafting and welding. Fourteen bronze medals were also earned in 3-D visualization and animation, additive manufacturing, architectural drafting, commercial baking, cosmetology, culinary arts, customer service, dental assisting, medical assisting, technical drafting and web design. The 2022 SkillsUSA state competition was held in Marlborough, MA. McCann students earned five gold medals in 3-D visualization and animation, sheet metal, cosmetology and dental assisting. Three silver medals were awarded restaurant service, sheet metal and cosmetology. The gold medal winners advanced to The National Leadership & Skills Conference in Atlanta, GA in June. We are incredibly proud of our competitors!

Business Professionals of America (BPA) is the leading career and technical student organization for students

pursuing careers in business management, office administration, information technology and other related career fields. The 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 BPA State Leadership Conference (SLC), McCann BPA members earned one 1st place, two 2nd place, three 3rd place, two 4th place, and one 5th place award at the SLC in March. McCann students competed in finance, business administration, management information systems, digital communication and design, and management, marketing and communications. Four students traveled to Dallas, TX for the National Leadership Conference in May.

McCann students continued to excel in receiving industry-recognized credentials through their vocational programs. Six of our culinary arts seniors received their American Culinary Federation credentials and a culinary arts sophomore won the silver medal at SkillsUSA district competitions. The vast majority of the business technology students earned their certifications in a number of Microsoft Office programs including Access Expert, Excel Associate, and Word. Information technology students obtained their cyber-security certifications and 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.

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. 12 of our underclassmen received level 1 certification and 16 of our upperclassmen received level 2 certification.

Fourteen of our information technology sophomores achieved certification in Cybersecurity Essentials, and nine received the TestOut Certified PC Pro certification while eighteen of our freshmen attained the Cybersecurity Essentials 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 \$114,503.00 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 2021-2022.

FY22 Budgeted Revenues		Budget	Actual
City & Town Assessments			
Municipal Minimum		\$3,268,863.00	\$3,268,863.00
Capital		\$21,670.00	\$21,670.00
Transportation		\$188,150.00	\$188,150.00
Municipal Assessment		\$507,037.00	\$507,037.00
Ch. 71 Transportation		\$261,000.00	\$375,503.00
Ch. 70 General School Aid		\$5,316,141.00	\$5,316,141.00
Tuition		\$737,642.00	\$737,642.00
Miscellaneous Revenue		\$8,386.00	\$8,386.00
Total Revenue Received		\$10,308,889.00	\$10,495,011.00
Member City & Town Transportation Refunds			(\$114,503.00)
		\$10,308,889.00	\$10,308,889.00
Source	Grant	Amount	
(Federal Entitlement)			
Fed	Sped IDEA	\$136,877.00	
Fed	Title I	\$140,524.30	
Fed	Title II A	\$18,823.00	
Fed	Title IV	\$10,000.00	
Fed	Perkins	\$76,805.00	
Fed	Postsecondary Perkins	\$3,979.00	
Fed	ESSER II	\$318,281.10	
Fed	ESSER III	\$67,466.96	
Fed	MyCap	\$4,800.00	
Fed	CVTE Admissions	\$30,000.00	
Fed	ARP Sped	\$30,295.00	
(Federal Grants Other)			
REAP		\$33,549.35	
(State Grants)			
	Workforce Skills Capital Equipment	\$96,403.00	
	MassHire Berkshire: Connecting Activities	\$2,000.00	
	MassHire Berkshire: Advanced Manufacturing	\$20,000.00	
	MassHire Berkshire: Welding	\$20,000.00	
	FY22 Foundation Reserve	\$2,300.00	
(Private)			
Private	Olmsted	\$5,000.00	
Private	BHG Wellness	\$2,000.00	
Private	General Dynamics	\$2,000.00	
Private	Gene Haas Foundation (AMT)	\$3,500.00	
		TOTAL GRANTS	\$1,024,603.71

JAMES J. BROSNAN
Superintendent