

Office of the Superintendent of Schools
MONTGOMERY COUNTY PUBLIC SCHOOLS
Rockville, Maryland

March 2, 2022

MEMORANDUM

To: Members of the Board of Education

From: Monifa B. McKnight, Interim Superintendent of Schools

Subject: Operating Budget Work Session (01-25-2022-01-A, -F)

During the Operating Budget Work Session, Board members requested the following information:

Question A

Ms. Harris requested information regarding the MOUs counted in the CTE discussion: Please provide the number of programs, including the medical CTE partnerships.

Question A Response

Montgomery County Public Schools (MCPS) Career and Technical Education (CTE) Programs of Study, work in conjunction with industry partners to strengthen the curriculum and experiential learning opportunities for students. This collaboration strengthens student preparedness in becoming college and career ready, as well as supports workforce development in Montgomery County. Following is a summary of the established memorandum of understandings (MOU) MCPS has in place with industry partners.

CTE Pathway	Partner(s)	Experience
College/University	Montgomery College (MC) and the Universities at Shady Grove (USG)	Early College, Middle College, Pathways—MCPS to MC to USG, College Institute, Dual Enrollment, and High School Accuplacer Program

CTE Pathway	Partner(s)	Experience
Academy of Health Professions	Bethesda Health & Rehabilitation Center, Friends Nursing Home, Holy Cross Hospital, Manor Care Wheaton, MedStar Montgomery Medical Center, Montgomery Village Health Care Center, Shady Grove Adventist Hospital, Suburban Hospital, Walter Reed National Medical Center, and Charles E. Smith Life Centers	Certified Nursing Assistant (CNA) clinical experience
Information Technology	Code.org, Montgomery College	Academy of Information Technology, Code.org, Pathways in Network and Information Technology Program, and Montgomery Can Code
Law Enforcement and Leadership	Montgomery County Police Department	Curriculum support and guest speakers
Fire Science and Rescue	Montgomery County Fire and Rescue	Cadet and Emergency Medical Technician Training
Engineering	Naval Surface Warfare Center Carderock Division, and the KID Museum	SeaPerch and Underwater Glider, and Invent the Future
Internship	Urban Alliance	Internship training and placement
The Junior Reserve Officers Training Corp	US Navy and Army	Program implementation at Gaithersburg, Kennedy, Paint Branch, Seneca Valley, and Magruder High Schools

In addition, MCPS engages with industry partners and employers in ongoing ways and through CTE Program Advisory Committees. The following partnerships are active and ongoing, although they do not have a full MOU.

CTE Pathway	Partner(s)	Support
Aviation and Aerospace	Aircraft Owners & Pilots Association	Aviation curriculum
Environmental, Agricultural, and Natural Resources	Ashton Manor Environmental, Benning & Associates, Border & Butterflies, Butler's Orchard, Environmental Quality Resources LLC, Great American Landscapes, Growing Innovations, Landcare, Montgomery County Master Gardeners, Newsom Seed, Ruppert Nurseries, and Tanglewood Flower Farm	Work Based Learning (WBL), mentoring, guest speakers, mock interviews, and scholarships
Automotive Trades	Automotive Service Excellence (ASE), ASE Foundation, Educational Systems, Federal Credit Union, Montgomery County Automotive Trades Foundation, Shulman Rogers, and Washington Area New Automobile Dealership Association	Industry certifications, certifies curriculum and auto labs, promotes people to purchase refurbished cars, Student Run Car Dealership, and WBL
Business Management and Finance	Chick-Fil-A, Educational Systems Federal Credit Union, Maryland Council on Economic Education, Sherman Wealth Management, Montgomery College, EduSerc, KPMG, Howard Community College, Gaithersburg-Germantown Chamber of Commerce, The Universities at Shady Grove, and MMA & Sport	WBL, mentoring, guest speakers, business pitch competition, mock interviews, and scholarships
Academy of Hospitality and Tourism; Hospitality and Restaurant Management	Choice Hotels International, Foundations for Hospitality and Restaurant Management, Marriott, and Shulman Rogers	WBL, field trips, industry certifications, and post-secondary education

CTE Pathway	Partner(s)	Support
Arts, Media and Communication	Corporation for Public Broadcasting, Montgomery College, Lab Tech Systems, and Game Gym	WBL, guest speakers, mock interviews, mentoring, and Society of Motion Picture and Television Engineers
Network Operations	Daly Computers, Montgomery County IT Foundation, and Shulman Rogers	WBL, and Student-Run Computer Repair Business
Construction and Development	Educational Systems Federal Credit Union, Montgomery College, Montgomery County Construction Trades Foundation, National Center for Construction Education and Research, Shulman Rogers, and IEC Chesapeake	Encourages people to purchase refurbished student-built homes, college courses, Young America Student Built House project, curriculum, WBL, and apprenticeship training in construction electricity
Biotechnology	Emergent BioSolutions, Jeeva Informatics Solutions Inc., Quality Biological, AstraZeneca, REGENXBIO, Inc., Biotherapeutics, Inc., and Montgomery College	WBL, curriculum, certifications, guest speakers, and mock interviews
Biomedical Sciences and Engineering	AstraZeneca, STEM partnerships, U.S. Nuclear Regulatory Commission, Geosyntec, Applied Physics Lab, Leidos, Booz Allen Hamilton, U.S. Army Research Lab, GlaxoSmithKline, SURVICE Engineering Company, and Montgomery College	WBL, mentoring, and guest speakers
Cosmetology	Maisie Dunbar Global Experience, Progressions Salon and Spa, and ShyphenK, Avatar Salon and Wellness Spa	WBL, mentoring, and guest speakers
Education, Training and Child Studies	Montgomery College	Alignment of secondary and community college programs

CTE Pathway	Partner(s)	Support
Early Child Development, Child Development Associate Preschool, Teacher Academy of Maryland	Montgomery College, Montgomery County Child Care Resource and Referral Center, The Universities at Shady Grove, Towson University, Holy Ground Christian Center, Lab School, Maryland State Child Care Association, Celebree School, and the Latino Child Care Association of Maryland	WBL, guest speakers, mentoring, industry certification, Young Educators Symposium, and mock interviews
Computer Science	Montgomery College	Java Programming Competition

Question F

Ms. Wolff requested information regarding what is being done to provide assistance with 504 administrative work for school counselors.

Question F Response

We currently are examining 504 processes at the school level and working closely with our partners in the Resolution and Compliance Unit to align MCPS practices with the Section 504 legal requirements. We are reviewing MCPS historical practices, as well as, the requirements from the United States Department of Education and the Office of Civil Rights to determine how we can (1) develop a plan to support the 504 administrative tasks currently completed by school counselors, and (2) reduce the amount of paperwork and/or number of meetings that are not required by law.

Additionally, the Resolution and Compliance Unit has hired temporary part time staff to assist school counselors with troubleshooting Synergy 504 documentation related issues.

If you have questions regarding CTE Partnership programs, please contact Mrs. Niki T. Hazel, associate superintendent of curriculum and instructional programs, Office of Teaching, Learning, and Schools, via email. If you have questions regarding 504 administrative work for school counselors, please contact Mr. Everett Davis, acting associate superintendent of student and family support and engagement, Office of Teaching, Learning, and Schools, via email.

MBM:RR:NB:vnr

Copy to:

- Executive Staff
- Ms. Webb