



Prince William County Public Schools

Career and Technical Education Advisory Council Agenda

Staff Contact: Dr. Sarah Martin, Director, Career and Technical Education

Date: December 10, 2024

Time: 8 – 9:12 a.m.

Location: Virtual, Microsoft Teams

Members Present: Tate Jordan, Josh Labrie, Anaid Shaver, Todd Grover, Heather Stietzel, Drew Miller, Carl Mainwaring, Russ Keating, and Wendy Downey

Guests: Ashley Blanford

Staff Present: Kendra Stacks, Dr. Sarah Martin, Nasir Ayoub, Danielle Meyer, Christine Good, Tim Vaughan, Ben Stodola, and Shawnell Carmichael

Members not Present: Will Mehr, Melissa Boyle, and Jackie Roskos

1. Call to Order

- Mr. Josh Labrie called the meeting to order at 8:00 a.m.

2. Approval of Minutes

- Drafts of the April 16, 2024 and October 15, 2024 meeting minutes were shared via email in advance.
- Mr. Todd Grover moved to approve the minutes as presented. Ms. Heather Steizel seconded the motion.
- The ayes have it and the motion carries. The minutes are approved as presented.

3. New Business

- PWCS Bylaw Changes
 - Dr. Martin shared information from the School Board regarding Policy 170 revisions, including requirements for committee bylaws and clarifying appointments and membership status.
 - Student Tate Jordan shared officer structure from another Superintendent's Advisory Council groups, proposing that the Secretary position may be a PWCS staff member.

- Mr. Russ Keating shared that the practice of a staff member serving as secretary has been in place for more than 10 years for the purpose of continuity and consistency when Board membership changes.
- Mr. Labrie suggested that staff bring a draft of the proposed committee bylaws for first and final review at the February 2025 meeting.
- Post-Secondary Connections
 - Mr. Labrie shared information about emerging Engineering and Technology pathways in the Northern Virginia region including semiconductor and data center industries.
 - Mr. Labrie presented Engineering Technology skills (courses) currently available at Northern Virginia Community College. He also shared perceived challenges from the community college perspective, including low awareness in the region of in-demand career pathways especially among younger and traditional college-aged students.
 - Mr. Labrie shared programs and strategies implemented at NOVA to support emerging technologies: Summer Bridge (Exploratory) Programs, Secondary Educator Externships, Pre-apprenticeship and Apprenticeship, Faculty Professional Learning Fellowships, Work-Based Learning (WBL) and Internships.
 - Dr. Martin provided a brief overview of the upcoming Mechatronics program, which will be piloted at Freedom High School in partnership with NOVA's Woodbridge campus in the 2026-27 school year. The goal is for high school students to earn dual enrollment credits that build into the Career Studies Certificate (C.S.C.) for Engineering Technology.
 - Dr. Anaid Shaver inquired about the possibility of sharing information with families via the PWCS Family Engagement Series. PWCS records and translates presentations to increase accessibility. Dr. Shaver recommended connecting with Yanet Boyd.
 - Dr. Shaver recommends considering some in-person information sessions for students and families at select high schools to increase awareness of existing opportunities and emerging programs.
 - Ms. Stietzel suggested that the Chamber's Data Centers, Information Technology & Security Council might be an audience to share post-secondary pathway and emerging programs information to increase awareness and engage in meaningful conversations with the business community.
 - The next Data Center, Information Technology & Security Council Meeting will be on Tuesday, February 4, 2025, at 9:30 a.m.
 - Mr. Grover emphasized the importance of math skills. Some students shy away from engineering programs for fear of math, but the workforce will continue to need talent in this area for many years to come.
 - Mr. Keating shared the importance of CTE programs like electricity and welding in PWCS.

4. Information Items

- CTE Updates
 - Dr. Martin provided a brief overview of the annual CTE Completer Follow-Up Survey.
 - In spring 2024, CTE attempted to follow up with 3,607 CTE completers who graduated from PWCS in June 2023. Seventy-four percent (2,701) completers responded to the survey.
 - Dr. Martin shared a division-level summary of student responses for each of the survey questions. Highlights were shared:

- Overall, how satisfied are you with the preparation you received in your high school CTE program for further education or employment? **97% satisfied or very satisfied**
- Did you receive an industry, occupational, or professional certification or license as a result of completing the CTE program? **45% yes**
- Are you currently working to obtain an industry, occupational, or professional certification or license? **27.6% yes**
- How satisfied are you with the WBL experience(s) you had? **80.6% satisfied or very satisfied**
- How closely are your current professional and educational goals related to the career you explored during your WBL program? **68.9% closely or somewhat related**
- Overall, how much impact did your WBL experience(s) have on your decision to pursue your current employment, military service, or continued education? **66.73% large or moderate impact**
- How much of what you learned in your CTE courses are you using for your current job? **70% use most or some learning**
- Post-Secondary Education: **39% of students participated in a community college program, 52% of students participated in a four-year university program, 2% or less participated in registered apprenticeships, technical schools, business/industry training through employer, and occupational/technical training through local school systems** (e.g., Adult Education)
- Dr. Shaver shared one of the CCCS strategic goals to follow up with PWCS graduates approximately 16 months after high school education. Data is available from the National Clearing House related to community college. CCCS is currently in the process of gathering alumni survey data from 2023 graduates.
 - Dr. Shaver suggests a collaborative effort between CTE, CCCS, and RADS to cross-reference data to provide comprehensive picture of post-secondary and employment outcomes.
 - Is it possible to compare this data with what students indicated in their high school exit survey? Did students fulfill their post-secondary plan?
- Announcements and Events
 - Ms. Danielle Meyer shared attendance and participation at recent events, including the Aviation Career Fair and PWCS Career Fair in November 2024.
 - Upcoming events include Instruction 2 Industry (i2i) virtual and in-person in February 2025.
 - Mr. Nasir Ayoub presented updates related to Work-Based Learning (WBL) partners. PWCS CTE currently has 348 registered business partners and has offered 42 training and support sessions during the 2024-25 school year.

5. Adjourn

- The next meeting will be held at Unity Reed High School on February 18, 2025, from 8 – 9:30 a.m.
- Josh Labrie called to adjourn the meeting at 9:12 a.m.
- Russ Keating moved to adjourn the meeting. Heather Stietzel seconded the motion.
- The ayes have it, and the motion carries. The meeting was adjourned at 9:12 a.m.

To learn more about the Career and Technical Education Advisory Council, visit www.pwcs.edu/cte for additional information including meeting minutes and presentations.