

WASHINGTON AEROSPACE & ADVANCED MATERIALS MANUFACTURING PIPELINE ADVISORY COMMITTEE

State Board for Community and Technical Colleges Advisory Committee Meeting

- Tuesday, January 14; 1:00-3:00pm
- Statutory Authority Laws of 2012, Chapter 28B.50.903 Revised Code of Washington

MEETING: 1:00 PM

Business Meeting:

Zoom Meeting Link: <https://us02web.zoom.us/j/88366341840>

Meeting ID: 883 6634 1840

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Advisory Committee Meeting Agenda		
Time	Item	
1:00 p.m.	<p>Call to Order, Welcome and Introductions</p> <ul style="list-style-type: none"> • Welcome Zoom participants • Adopt Minutes, October 15, 2024 <ul style="list-style-type: none"> ○ Call for correspondence to be entered into the record ○ Are there members of the public wishing to make public comments? (If so, the public comment period will be at 2:55 p.m.) 	<i>Ben Hempstead, Chair</i>
1:10 p.m.	<p>Overview of 2025 legislative priorities</p> <ul style="list-style-type: none"> • 2025-27 operating budget requests • 2025-27 capital budget requests 	<i>Marie Bruin, Director, Workforce Education</i>
1:20 p.m.	<p>Reports:</p> <ul style="list-style-type: none"> • Aerospace High Demand 1000 FTES Enrollments & Mid-year Report Highlights (Presentation Link) <ul style="list-style-type: none"> ○ Overview of Summer and Fall enrollments ○ Highlights from mid-year reports • Aerospace Pipeline Committee Program Brief - December 2024 	<i>Genevieve Howard, SBCTC</i>
1:40	<p>Review Bylaws</p> <ul style="list-style-type: none"> • Term length for Committee Chairs/Vice Chairs <ul style="list-style-type: none"> ○ Does the committee want to extend terms for these positions? • Sub-Committees <ul style="list-style-type: none"> ○ The bylaws call for two standing sub-committees of which we have not utilized. 	<i>Group Discussion Date TBD – May 2025</i>
2:00 p.m.	<p>Industry Round Table - Questions/Discussion/Thoughts from the Chair</p>	<i>Group Discussion</i>

	<ul style="list-style-type: none"> ● Carry over from Fall meeting – <i>What is the value to industry of badges?</i> ● <i>How could the community and technical college system make the skills and competencies more visible to employers and students?</i> ● Utilization of sub-committee(s) – <i>Is there a topic area where research of a sub-committee could add value to the work of the larger committee?</i> 	
2:50	Location TBD – May 6, 2025	
<i>Public comment period, if any – 2:55 p.m.</i>		
3:00 p.m.	Adjourn	Chair

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State Board for Community and Technical Colleges Advisory Committee Meeting

- Tuesday, October 15, 2024; 1:00-3:00pm
- Statutory Authority Laws of 2012, Chapter 28B.50.903 Revised Code of Washington
- Location: **Virtual**
- Attendees: Karin Gitchel; Genevieve Howard; Matt Poischbeg; Dave Wallace; Nikki Malcom; Travis Dulany; Paul Francis; Jim Lemerond; Bri Durham; Rosemary Brester; Kelsey Sanderson; Ben Hempstead; Brandon Anderson; Chris Pierson; Kayla Coffee; Kim Wheeler

Advisory Committee Meeting Minutes

Item

Call to Order (1:01pm), Welcome and Introductions

- Welcome attendees
 - Member introductions
 - Committee Membership – new members
 - **Industry:** **Kayla Coffee** **Aerospace Futures Alliance*; **Nikki Malcom** **Pacific Northwest Aerospace Alliance*.
 - **Education:** **Dr. James Lemerond** **Bellingham Technical College*; **Matt Poischbeg** **Washington Aerospace Training & Research Center*;
 - **Ex-Officio:** **Dana Ulrich** **Washington State University*.
- [Adopt Minutes, May 15, 2024](#)
 - Rosemary motioned to adopt minutes
 - Brandon seconded the motion
 - No objection; motion passed to adopt Spring meeting minutes

Aerospace Pipeline Committee Program Brief

- Committee Background
 - Brings industry and various sectors of education around the aerospace endeavors to identify emerging trends and how we can meet industry demands.
 - Identify emerging trends and meet industry demand from both the education and employers' perspectives from around WA.
- Aerospace High Demand 1000 FTES Funding
- [Program Brief Link](#)

Question: Paul requested a list of the colleges who have funding, list was provided in comments during the meeting, in addition to the minutes.

- **List of the Aerospace 1000 High Demand colleges:**
 - Bates Technical College
 - Bellingham Technical College
 - Big Bend Community College
 - Clover Park Technical College
 - Edmonds College

- Everett Community College
- Green River College
- Lake Washington Institute of Technology
- Olympic College
- Renton Technical College
- Seattle College - North
- Seattle College - South
- Shoreline Community College
- Skagit Valley College
- South Puget Sound
- Spokane Community College
- Tacoma Community College
- Wenatchee Valley College
- Whatcom Community College

Questions:

- Do colleges have the educators in place when they are funded? Genevieve shared that funding was available for new and existing programs and it depended on the program.
- Requested clarification for how the FTE funding was distributed when a program needed equipment and had the program expanded. Genevieve provided the history of AeroHD1000 funding, an overview of how SBCTC was tracking all 1,000 FTES and clarified that the funding had not increased.
- If the program gets funded and makes it through the first three-year probation, how is the program audited?
 - SBCTC staff described the process of annual review and on-going monitoring.

Opportunity: Executive Director of Aerospace & Advanced Manufacturing Center of Excellence

- Please share with your networks this position is now accepting applications.
- [Position description](#) and application link: <https://employment.everettcc.edu/postings/6084>
- Further COE information <https://coeaerospace.com/>

Aerospace Data Presentation

- [Aerospace Industry and Employment Data](#) (Dave Wallace)

Questions:

Kim - Clarification on Core Aerospace and Aerospace data definition

- Core Aerospace is a direct employer to the field. (ex: Boeing)
- Aerospace Related are companies that have aerospace functions within their companies but is not the main focus. (ex: commercial airline companies)

Ben – Is space connected in this data?

Nikki – data is missing graphite manufacturing and the missing data for employment.

- This led to a conversation regarding how NAICS codes are decided at the federal level

Genevieve – Question regarding wages, are they specific to aerospace? Dave provided a broader connection to wages.

Ben – question on California in relation to aerospace employment concentration.

Rosemary – Aerospace sector as space, I'd like to see Texas and Florida to compare to Washington.

- [Aerospace Trends at CTCs](#) (Travis Dulaney)
 - Aerospace makes up about 22% of all enrollment course across the ctc system.
 - **Questions:**
 - Question on the data for demographics what the international student enrollment is (Travis answered that he would share demo, but not international based)
 - If you have data over time, how these are trending. Trending for female participation (Travis will follow up).

- It has been heard that by 2023 there will be 600,000 openings, Travis said that the applied baccalaureate is growing and intentional to compete.
- It was noted the differences between the college degree changes
- There was a comment on the difference in mechanical engineers, but not counting the design focused.
Questioned – what is the reason for people not applying?
 - Financial Aid understanding and affording college.
- WATR center awareness of funding differences and needs.

Industry Round Table –

- Do these trends align with what you see in industry needs?
 - If not, what is the gap? What can colleges address to meet these gaps?
- Is this degree inflation or is this a position actually there?
 - Comment on how Engineering hiring has greatly reduced, students who have graduated are not employed. There is a marketing difference.
 - Nikki – asked Matt about how to get students with funding options at the WATR
 - Genevieve responded with a request for engagement/conversation outside of this committee to talk further about this.
 - A discussion around the pipeline potential of high school through bachelor’s degree. A story out of Wisconsin was referenced, then shared the Bellingham Technical College competency-based education programs and how the days are broken down. Machining program will be one of the first programs to transition into this program. Machining is currently going through accreditation (competency-based).
 - Return to Office trend and Boeing Strike – How are these impacting medium and long-term hiring?

Next meeting Round Table discussion topic:

Question to the group about badges and does industry value this?

Public comment period, if any – NO PUBLIC COMMENTS WERE MADE

Adjourn – 3:01pm