

# WASHINGTON AEROSPACE & ADVANCED MATERIALS MANUFACTURING PIPELINE ADVISORY COMMITTEE

State Board for Community and Technical Colleges  
Online Meeting

Advisory Committee Meeting: Tuesday, September 21, 2021; 1:00-3:00pm

Statutory Authority Laws of 2012, Chapter 28B.50.903 Revised Code of Washington

Zoom Meeting Link: [Zoom meeting](#)  
Meeting ID: 873 4719 8329  
Passcode: 468824  
Join by Phone: (253) 215-8782

Sept 21 Time	Advisory Committee Meeting Agenda Item	
1:00 p.m.	Call to Order, Welcome and Introductions <i>Jackie Davis, Chair</i> Adopt Minutes, May 19, 2021 minutes	(action)
	<ul style="list-style-type: none"><li>• <i>Call for correspondence to be entered into the record</i></li><li>• <i>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></li></ul>	
1:10 p.m.	Industry Roundtable	(discussion)
	<ul style="list-style-type: none"><li>• <i>Members discuss their current observations about:</i><ul style="list-style-type: none"><li>○ <i>Labor market status &amp; outlook</i></li><li>○ <i>Challenges, including labor shortages and wage pressures</i></li><li>○ <i>On-going &amp; emerging workforce training needs</i></li></ul></li></ul>	
1:55 p.m.	Director's Report <i>Jan Yoshiwara, Executive Director</i>	
2:20 p.m.	Guest Presentation & Discussion: Center of Excellence for Aerospace & Advanced Manufacturing <i>Jill Thornton, Interim Executive Director</i> <ul style="list-style-type: none"><li>• <i>Current initiatives</i></li></ul>	(discussion)

2:40 p.m. SBCTC Staff report  
Carolyn McKinnon, Policy Associate, SBCTC

- Status of Aero1000 enrollments
- CTC education and training programs

(discussion)

*Public comment period, if any – 2:55 p.m.*

3:00 p.m. Adjourn

PLEASE NOTE: Times above are estimates only. The SBCTC reserves the right to alter the order of the agenda. Reasonable accommodations will be made for persons with disabilities if requests are made at least seven days in advance. Efforts will be made to accommodate late requests. Please contact the Workforce Education Office at 360-704-4336.

Join Zoom Meeting

<https://us02web.zoom.us/j/87347198329?pwd=UDNaRIBCa1BDZIRZUm5ONDgvNm1lZz09>

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One tap mobile

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Find your local number: <https://us02web.zoom.us/u/kbTtCaaf5m>

Join by SIP

[87347198329@zoomcrc.com](mailto:87347198329@zoomcrc.com)

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162.255.37.11 (US West)

162.255.36.11 (US East)

115.114.131.7 (India Mumbai)

115.114.115.7 (India Hyderabad)

213.19.144.110 (Amsterdam Netherlands)

213.244.140.110 (Germany)

103.122.166.55 (Australia Sydney)

103.122.167.55 (Australia Melbourne)

149.137.40.110 (Singapore)

64.211.144.160 (Brazil)

149.137.68.253 (Mexico)

69.174.57.160 (Canada Toronto)

65.39.152.160 (Canada Vancouver)

207.226.132.110 (Japan Tokyo)

149.137.24.110 (Japan Osaka)

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# WASHINGTON AEROSPACE & ADVANCED MATERIALS MANUFACTURING PIPELINE ADVISORY COMMITTEE

State Board for Community and Technical Colleges **Online Meeting**

**Advisory Committee Meeting: May 19, 2021, 2:30 – 4:00PM**

**Statutory Authority** Laws of 2012, Chapter 28B.50.903 Revised Code of Washington

## Advisory Committee Meeting Minutes

Call to order: Meeting called to order by Chair Jackie Davis at 2:32pm

Members Present: Jackie Davis, Jill Thornton, Rosemary Brester, Emily Wittman, Marcia Garrett, Robin Toth, Angie Mason-Smith, Justin McCaffree, Sue Bradshaw (for Shana Peschek/IAM), Larry Cluphf, Ben Hempstead

Staff: Carolyn McKinnon, Jan Yoshiwara, Bill Moore, Marie Bruin, Travis Dulany, Becky Wood, Kimberly Wheeler, Laura Schueller, Dave Wallace

Guests on File: Paul Horwitz (Co-Principal Investigator, Needed Math Grant)

Adopt Minutes from February 18, 2021: Meeting minutes reviewed, Larry moved to accept minutes as shown, Robin seconds, no opposed, minutes adopted.

Motion to amend agenda order to move research team presentation ahead of program updates, approved.

### **Director's Report:**

Jan Yoshiwara, SBCTC Executive Director, provided updates about the outcomes of the 2021 Legislative Session. She then shared information about the impacts of the COVID-19 pandemic on college system enrollments.

### **NSF Needed Math Grant Award & Next Steps:**

Dr. Paul Horwitz, Co-Principal Investigator and Senior Scientist from the Concord Consortium, visited with the Committee. He shared background and context about the newly awarded NSF Needed Math Grant. Grant activities will unfold over the next 3 years, beginning October 1, 2021. The Committee will be engaged in providing input about the kinds of on-the-job math problems that arise in manufacturing environments, review and comment on math scenarios, and input into survey questions.

### **Ask a Researcher:**



Dave Wallace, Research Director at the Workforce Board, and Travis Dulany, SBCTC Policy Research Associate, provided updates about the labor market and college enrollments. Committee members asked questions of the researchers on a variety of topics, including enterprise financial stress indicators, unemployment and school enrollment dynamics, and whether there is detailed, localized information

**Aerospace 1000 FTES – Temporary Suspension of Redistribution Policy (ACTION)**

Carolyn McKinnon, SBCTC Policy Associate, provided information about the State Board’s recommendation to suspend the redistribution policy for FY22. A discussion brief provided in the Committee packet detailed the circumstances and recommended action.

Ben Hempstead moved an advisory vote to support staff’s recommendation to suspend redistribution for FY22. Rosemary seconds, sent to vote, no nays, advisory vote carries.

Meeting adjourned at 4:01

**1000 Aerospace Enrollments Program Details  
Allocation Monitoring Report  
For Academic Year 2020-21**

College	Program	2020-21 Alloc #11	Baseline	2020-21 Target**	Summer 20 Actual	Fall 20 Actual	Winter 21 Actual	Spring 21 Actual	2020-21 Annual	% of Target Attained
Bates	Mechanical Engineering Technology	4	37	41	14	17	20	13	21	
Bates	Welding	11	56	67	30	31	28	50	47	
Bates	Total	15	93	108	44	48	48	64	68	63%
Bellingham	Machining Expansion	6	40	46	2	35	28	25	30	
Bellingham	Mechatronics	24	27	51	3	55	49	45	50	
Bellingham	Welding	24	42	66	59	77	71	56	88	
Bellingham	Base Allocation*	77	-	-	-	-	-	-	-	
Bellingham	Total	131	109	163	64	166	148	127	168	103%
Big Bend	AMT Program	2	38	40	-	-	-	-	-	
Big Bend	Total	2	38	40	-	-	-	-	-	0%
Clark	Machine Technology	-	45	62	-	-	-	-	-	
Clark	Total	-	45	62	-	-	-	-	-	0%
Clover Park	Avionics	20	-	20	32	27	11	13	27	
Clover Park	Base Allocation*	77	-	-	-	-	-	-	-	
Clover Park	Total	97	-	20	32	27	11	13	27	136%
Edmonds	Base Allocation*	65	-	-	-	-	-	-	-	
Edmonds	Total	65	-	-	-	-	-	-	-	
Everett	Aircraft Mechanic (AMT) & Avionics	55	131	186	112	166	141	135	185	
Everett	Engineering	4	346	350	93	247	211	181	244	
Everett	Base Allocation*	143	-	-	-	-	-	-	-	
Everett	Total	202	477	536	205	413	352	316	429	80%
Green River	Aero. Engineering	4	99	103	21	43	39	42	49	
Green River	Mechatronics	10	-	10	4	17	24	23	23	
Green River	Total	14	99	113	25	61	63	66	71	63%
Lake Washington	Engineering Transfer	63	22	85	9	36	36	31	37	
Lake Washington	Welding	12	100	112	29	48	47	46	56	
Lake Washington	Total	75	122	197	38	83	83	76	93	47%
Olympic	Engineering Technology	45	20	65	20	27	25	27	33	
Olympic	Total	45	20	65	20	27	25	27	33	51%
Peninsula	CNC Machining/Composites Technology	5	12	17	-	-	-	-	-	
Peninsula	Total	5	12	17	-	-	-	-	-	0%
Renton	Mechatronics	8	15	23	1	11	8	2	8	
Renton	Base Allocation*	39	-	-	-	-	-	-	-	
Renton	Total	47	15	23	1	11	8	2	8	33%
Seattle North	Avionics/Electronics	40	21	61	24	52	33	25	45	
Seattle North	Electronics	20	21	41	7	20	25	23	25	
Seattle North	Total	60	42	102	31	72	58	48	70	68%
Seattle South	AMT Program	42	173	215	26	134	138	151	150	
Seattle South	Total	42	173	215	26	134	138	151	150	70%
Shoreline	Base Allocation*	20	-	-	-	-	-	-	-	
Shoreline	Total	20	-	-	-	-	-	-	-	
Skagit Valley	Base Allocation*	27	-	-	-	-	-	-	-	
Skagit Valley	Total	27	-	-	-	-	-	-	-	
South Puget Sound	Base Allocation*	15	-	-	-	-	-	-	-	
South Puget Sound	Total	15	-	-	-	-	-	-	-	
Spokane	Base Allocation*	40	-	-	-	-	-	-	-	
Spokane	Total	40	-	-	-	-	-	-	-	
Tacoma	Engineering	21	264	285	68	160	153	143	175	
Tacoma	Total	21	264	285	68	160	153	143	175	61%
Wenatchee Valley	Base Allocation*	20	-	-	-	-	-	-	-	
Wenatchee Valley	Total	20	-	-	-	-	-	-	-	
Whatcom	Engineering Transfer	40	70	110	13	71	79	83	82	
Whatcom	Total	40	70	110	13	71	79	83	82	74%
<b>System Total</b>		<b>983</b>	<b>1,579</b>	<b>2,056</b>	<b>567</b>	<b>1,274</b>	<b>1,166</b>	<b>1,114</b>	<b>1,374</b>	<b>67%</b>

Source: SBCTC Data Warehouse

tdulany

\*The total 1000 aerospace allocations include base allocations for enrollment growth already demonstrated, and monitored allocations for those programs that are being monitored for new or additional enrollment growth.

7/22/2021

\*\*The target includes the baseline annualized FTE for the monitored programs plus the monitored allocation. The base allocation is not included in the target.

FTE Criteria: all state-funded FTES for students with "F" or "B" INTENT and one of the approved program codes for the participating college (see list of program c