

**Commissioner's Charge to the
Community and Technical Colleges
Formula Advisory Committee (CTCFAC)
for the 2020-2021 Biennial
Appropriations**

August 2017

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Agenda

Joint Meeting of the Community and Technical Colleges Formula Advisory Committee; Health-Related Institutions Formula Advisory Committee; and General Academic Institutions Formula Advisory Committee

Texas Higher Education Coordinating Board
Board Room, First Floor, 1.170
1200 East Anderson Lane, Austin
Thursday, August 31, 2017
1:00 p.m.

Agenda for Joint Committee Meeting

- I. Call to order and welcome – Commissioner Raymund Paredes
- II. Presentation of charges to the committees – Commissioner Raymund Paredes
- III. Relocate to separate meeting rooms for each formula advisory committee meeting
 - a. Community & Technical Colleges Formula Advisory Committee –
(Lone Star Room)
 - b. Health-Related Institutions Formula Advisory Committee – (Tejas Room)
 - c. General Academic Institutions Formula Advisory Committee – (Board Room)

Agenda for Community and Technical Colleges Formula Advisory Committee

- I. Introductions – Mr. Dusty Johnston, Convening Chair
- II. Consideration of the election of a Chair and Vice Chair
- III. Briefing on community and technical colleges' funding formulas
- IV. Discussion of Commissioner's charges to the Committee
- V. Discussion of dates and assignments for subsequent meetings
- VI. Adjourn

Agenda for Health-Related Institutions Formula Advisory Committee

- I. Introductions – Ms. Andrea Marks, Convening Chair
- II. Consideration of the election of a Chair, Vice Chair and Secretary
- III. Briefing on health-related institutions’ funding formulas
- IV. Discussion of Commissioner’s charges to the Committee
- V. Discussion of dates and assignments for subsequent meetings
- VI. Adjourn

Agenda for General Academic Institutions Formula Advisory Committee

- I. Introductions – Mr. Edward Hugetz, Convening Chair
- II. Consideration of the election of a Chair and Vice Chair
- III. Briefing on general academic institutions’ funding formulas
- IV. Discussion of Commissioner’s charges to the Committee
- V. Discussion of dates and assignments for subsequent meetings
- VI. Adjourn

Commissioner’s Charges

The Community and Technical College Formula Advisory Committee (CTCFAC), conducted in an open and public forum, is charged with proposing a set of formulas that provide the appropriate funding levels and financial incentives necessary to best achieve the goals of *60x30TX*. A preliminary written report of its activities and recommendations is due to the Commissioner by December 7, 2017, and a final written report by February 2, 2018. The CTCFAC’s specific charges are to:

1. Study and make recommendations for the appropriate funding levels for the contact hour, core, and the student success funding. (TEC, Section 61.059 (b)).

[TEC, Section 61.059 \(b\)](#)

[“The board shall devise, establish, and periodically review and revise formulas for the use of the governor and the Legislative Budget Board in making appropriations recommendations to the legislature for all institutions of higher education, including the](#)

funding of postsecondary vocational-technical programs. As a specific element of the periodic review, the board shall study and recommend changes in the funding formulas based on the role and mission statements of institutions of higher education. In carrying out its duties under this section, the board shall employ an ongoing process of committee review and expert testimony and analysis.”

2. Study and make recommendations for the appropriate funding level for, and the refinement of, Texas State Technical College System’s returned value funding formula (General Appropriations Act, SB 1, 85th Texas Legislature, Rider 11 (page III-232).

“The Texas State Technical College System shall continue to work with the Texas Higher Education Coordinating Board, the Legislative Budget Board and other relevant agencies to refine the new Returned Value Funding Formula for the TSTCs. It is the intent of the Legislature that recommended adjustments to the formula shall be ready for implementation in the 2020-21 biennium and shall further the goal of rewarding job placement and graduate earnings projections, not time in training or contact hours.”

3. Study and make recommendations on the treatment of competency-based courses in formula allocations.
4. Study and make recommendations on the efficacy of critical need fields as they relate to contact hour and success point funding.
5. Study and make recommendations on a new formula to fund dual credit programs based upon the number of semester credit hours offered in dual credit by Texas State Technical College. (General Appropriations Act, SB 1, 85th Texas Legislature, Rider 12 (page III-232)).
6. Review existing Coordinating Board data on dual credit program funding, including preliminary data available from the 2017-2018 dual credit study being conducted by contracted research organizations, and share insight on current dual credit funding mechanisms.

Below is a link to the Rand Report on Dual Credit

[Dual Credit: Interim Report from THECB-RAND Study Posted for Public Comment](#)

Community and Technical College Formula Advisory Committee for 2020-2021 Biennium

Mr. Dusty Johnston, Convening Chair

Name/Title	Institution/Address	Email/Phone
<u>Institution Representatives:</u>		
Mr. Chet Lewis (2022) Vice Chancellor, Fiscal Affairs	San Jacinto College District 4624 Fairmont Parkway Suite 200 Pasadena, TX 77504	Chet.lewis@sjcd.edu (281) 998-6306
Dr. Cesar Maldonado, Ph.D., P.E. (2022) Chancellor	Houston Community College 3100 main Houston, Texas 77002	cesar.maldonado@hccs.edu (713) 718-5059
Dr. Van Miller (2022) Vice President for Administrative Services and CFO	Temple College 2600 South First Street Temple, Texas 76504	van.miller@templejc.edu (254) 298-8606
Mr. Patrick Lee (2022) Department Chair and Professor of Mathematics	Alamo Colleges 1400 West Villaret Boulevard San Antonio, Texas 78224	plee18@alamo.edu (210) 486-3282
Mr. Richard Cervantes (2022) Vice President for Business and Finance	Blinn College 902 College Avenue Brenham, Texas 77833	Richard.Cervantes@blinn.edu (979) 830-4123
Ms. Mary Wickland (2020) Vice President for Finance	Lamar State College - Port Arthur PO Box 310 Port Arthur, TX 77641	wicklandma@lamarpa.edu (409) 984-6125
Mr. Jim Yeonopolus (2022) Chancellor	Central Texas College PO Box 1800 Killeen, TX 76540	JYeonopolus@ctcd.edu (254) 526-1214
Mr. Michael Reeser (2020) Chancellor	Texas State Technical College System 3801 Campus Drive Waco, Texas 76705	mike.reeser@tstc.edu (254) 867-4891
Dr. Robert K. Riza (2022) President	Clarendon College 1122 College Drive Clarendon, TX 79226	robert.riza@clarendoncollege.edu (806) 874-4808
Dr. Pamela Anglin (2020) President	Paris Junior College 2400 Clarksville Street Paris, TX 75460	panglin@parisjc.edu (903) 782-0330
Dr. Bradley W. Johnson (2018) President	Northeast Texas Community College PO Box 1307 Mount Pleasant, TX 75456	bjohnson@ntcc.edu (903) 434-8101
Dr. Jeremy McMillen (2020) President	Grayson College 6101 Grayson Drive Denison, TX 75020	mcmilleni@grayson.edu (903) 463-8600
Dr. Phil Rhodes (2020) Vice President - Research, Effectiveness, and Information Technology	McLennan Community College 1400 College Drive, Admin. 410 Waco, TX 76708	prhodes@mcclennan.edu (254) 299-8642

Charge 1 – Study and make recommendation for the appropriate funding levels for the contact hour, core, and the student success funding.

TEC, Section 61.059 (b) The board shall devise, establish, and periodically review and revise formulas for the use of the governor and the Legislative Budget Board in making appropriations recommendations to the legislature for all institutions of higher education, including the funding of postsecondary vocational-technical programs. As a specific element of the periodic review, the board shall study and recommend changes in the funding formulas based on the role and mission statements of institutions of higher education. In carrying out its duties under this section, the board shall employ an ongoing process of committee review and expert testimony and analysis.

Community Technical College Formula Funding – Current and Previous Biennium

Total Formula Funding By Institution				
Institution	FY 2016-2017 Appropriations	FY 2018-2019 Appropriations	Difference	Percent Change
Community Colleges	\$1,743,826,637	\$1,767,401,236	\$23,574,599	1%
Lamar Colleges	\$33,830,514	\$34,821,960	\$991,446	3%
TSTC'S	106,454,785	107,173,431	\$718,646	1%
Total	\$1,884,111,936	\$1,909,396,627	\$25,284,691	1%

Alamo	\$119,666,586	\$119,772,844	(\$6,978,563)	-6%
Alvin	14,403,916	15,861,870	(351,448)	-2%
Amarillo	27,585,891	27,036,253	(2,969,249)	-10%
Angelina	14,772,973	14,930,412	(451,095)	-3%
Austin	87,415,305	87,486,063	(4,074,003)	-4%
Blinn	47,351,320	46,415,681	2,416,092	5%
Brazosport	10,429,782	10,921,207	(71,322)	-1%
Central Texas	36,083,818	33,229,767	(5,040,327)	-12%
Cisco	10,338,653	9,977,017	(169,416)	-2%
Clarendon	5,155,897	5,670,761	167,412	3%
Coastal Bend	12,820,046	14,325,324	261,460	2%
College of the Mainland	11,682,395	12,200,235	(530,670)	-4%
Collin	67,371,150	71,000,003	1,217,585	2%
Dallas	171,310,833	175,445,208	(3,836,131)	-2%
Del Mar	29,317,133	31,735,467	(1,314,600)	-4%
El Paso	64,090,152	63,589,829	(3,289,756)	-5%
Frank Phillips	4,900,270	5,285,993	328,137	7%
Galveston	7,308,800	8,171,197	(195,677)	-3%
Grayson	14,444,433	13,672,519	(446,553)	-3%
Hill	13,019,473	12,753,576	(1,460,682)	-10%

Total Formula Funding By Institution¹				
Institution	Total Formula Funding By Institution	Total Formula Funding By Institution	Total Formula Funding By Institution	Percent Change
Houston	140,324,433	136,217,886	(\$4,106,547)	1%
Howard	12,215,026	12,721,117	\$506,091	-16%
Kilgore	20,061,296	19,457,412	(\$603,884)	-6%
Laredo	20,272,683	20,560,155	\$287,472	-7%
Lee	18,149,744	19,838,440	\$1,688,697	5%
Lone Star	147,937,194	155,913,229	\$7,976,035	2%
McLennan	24,196,449	24,686,521	\$490,072	-10%
Midland	14,794,054	16,264,654	\$1,470,600	-14%
Navarro	30,485,043	28,104,741	(\$2,380,302)	-6%
North Central	22,384,148	21,620,521	(\$763,627)	-1%
Northeast Texas	9,140,149	9,465,735	\$325,586	-6%
Odessa	15,187,792	16,740,123	\$1,552,331	4%
Panola	9,351,959	10,147,374	\$795,416	9%
Paris	16,947,131	15,627,644	(\$1,319,487)	0%
Ranger	7,158,409	7,794,297	\$635,888	7%
San Jacinto	72,839,518	77,570,356	\$4,730,838	-2%
South Plains	27,898,203	27,214,307	(\$683,896)	4%
South Texas	77,127,833	80,452,025	\$3,324,192	7%
Southwest Texas	13,945,560	14,935,756	\$990,196	-4%
Tarrant	112,471,286	110,690,949	(\$1,780,337)	3%
Temple	15,268,008	14,141,365	(\$1,126,643)	-3%
Texarkana	13,896,025	14,397,655	\$501,630	4%
Texas Southmost	10,640,120	10,475,325	(\$164,795)	-24%
Trinity Valley	22,413,352	23,469,128	\$1,055,776	-2%
Tyler	33,255,306	33,539,023	\$283,717	-1%
Vernon	11,172,763	11,188,479	\$15,716	1%
Victoria	11,549,719	11,245,443	(\$304,276)	-7%
Weatherford	17,993,491	16,923,931	(\$1,069,560)	10%
Western Texas	7,089,004	7,770,147	\$681,143	-9%
Wharton	18,192,115	18,746,272	\$554,157	-1%
TSTC-Harlingen	30,908,258	31,241,971	\$333,713	1%
TSTC-West Texas	19,838,814	18,286,838	(\$1,551,976)	-8%
TSTC-Marshall	8,045,889	10,364,136	\$2,318,247	22%
TSTC-Waco	47,661,824	45,447,553	(\$2,214,272)	-5%
TSTC-Fort Bend		943,001	\$943,001	100%
TSTC-North Texas		889,933	\$889,933	100%
Lamar-IOT	12,394,889	13,804,339	\$1,409,450	10%
Lamar-Orange	9,458,703	9,764,269	\$305,566	3%
Lamar-Port Arthur	11,976,921	11,253,352	(\$723,569)	-6%
Statewide	\$1,884,111,936	\$1,909,396,627	\$25,284,691	1%

Contact Hours – Current and Previous Base Year

Name	2015 Base Year	2017 Base Year	Difference	Percent Change
Community Colleges	283,574,610	280,941,841	(2,632,769)	-1%
Lamar's	3,719,592	3,851,997	132,405	4%
TSTC'S	7,526,502	7,436,039	(90,463)	-1%
Total	294,820,704	292,229,877	(2,590,827)	-1%
Alamo	19,919,031	19,688,502	(230,529)	-1%
Alvin	2,195,883	2,366,492	170,609	8%
Amarillo	4,264,472	4,016,803	(247,669)	-6%
Angelina	2,210,219	2,132,217	(78,002)	-4%
Austin	14,460,334	14,250,949	(209,385)	-1%
Blinn	7,976,691	7,583,571	(393,120)	-5%
Brazosport	1,524,069	1,530,121	6,052	0%
Central Texas	5,870,814	5,228,740	(642,074)	-11%
Cisco	1,526,894	1,348,820	(178,074)	-12%
Clarendon	671,800	696,955	25,155	4%
Coastal Bend	1,904,017	2,072,302	168,285	9%
College of the Mainland	1,784,413	1,776,357	(8,056)	0%
Collin	11,397,648	11,821,614	423,966	4%
Dallas	29,254,156	29,537,290	283,134	1%
Del Mar	4,640,047	4,952,175	312,128	7%
El Paso	10,371,516	10,195,346	(176,170)	-2%
Frank Phillips	673,105	666,208	(6,897)	-1%
Galveston	988,436	1,053,898	65,462	7%
Grayson	2,152,996	1,937,444	(215,552)	-10%
Hill	2,012,328	1,915,053	(97,275)	-5%
Houston	24,060,831	23,137,104	(923,727)	-4%
Howard	1,831,257	1,840,607	9,350	1%
Kilgore	3,111,731	2,947,463	(164,268)	-5%
Laredo	3,147,115	3,107,285	(39,830)	-1%
Lee	2,872,709	3,090,472	217,763	8%
Lone Star	25,190,878	26,242,292	1,051,414	4%
Mclennan	3,795,754	3,793,975	(1,779)	0%
Midland	2,315,487	2,436,907	121,420	5%
Navarro	4,875,944	4,296,220	(579,724)	-12%
North Central	3,540,632	3,272,022	(268,610)	-8%
Northeast Texas	1,324,247	1,310,889	(13,358)	-1%
Odessa	2,372,528	2,550,340	177,812	7%
Panola	1,338,435	1,391,539	53,104	4%
Paris	2,620,796	2,314,733	(306,063)	-12%
Ranger	1,028,061	1,065,430	37,369	4%
San Jacinto	11,910,235	12,518,936	608,701	5%
South Plains	4,515,165	4,246,968	(268,197)	-6%
South Texas	12,416,731	12,614,772	198,041	2%
Southwest Texas	2,162,248	2,238,064	75,816	4%
Tarrant	18,911,296	18,036,259	(875,037)	-5%
Temple	2,307,829	2,012,006	(295,823)	-13%
Texarkana	2,130,395	2,113,662	(16,733)	-1%

Name	2015 Base Year	2017 Base Year	Difference	Percent Change
Texas Southmost	1,468,878	1,520,174	51,296	3%
Trinity Valley	3,499,491	3,601,761	102,270	3%
Tyler	5,206,003	5,121,884	(84,119)	-2%
Vernon	1,585,227	1,501,853	(83,374)	-5%
Victoria	1,666,709	1,549,030	(117,679)	-7%
Weatherford	2,734,284	2,417,601	(316,683)	-12%
Western Texas	1,028,546	1,082,592	54,046	5%
Wharton	2,806,299	2,798,144	(8,155)	0%
TSTC-Harlingen	2,870,666	2,785,183	(85,483)	-3%
TSTC-West Texas	834,001	859,008	25,007	3%
TSTC-Marshall	506,255	585,554	79,299	16%
TSTC-Waco	3,315,580	3,206,294	(109,286)	-3%
Lamar-IOT	1,434,300	1,559,167	124,867	9%
Lamar-Orange	1,009,855	1,037,874	28,019	3%
Lamar-Port Arthur	1,275,437	1,254,956	(20,481)	-2%
Total	294,820,704	292,229,877	(2,590,827)	-1%

3-Year Average Success Points – 2016 2017 Biennium and FY 2016 Biennium

Total 3-Year Average Success Points By Institution				
Name	FY 2016-2017 Biennium Success Points	FY 2018-2019 Biennium Success Points	Difference	Percent Change
Community Colleges	980,204	1,048,949	68,745	7%
Total	980,204	1,048,949	68,745	7%

Alamo	77,101	83,871	6,770	9%
Alvin	7,624	8,408	784	10%
Amarillo	14,527	15,982	1,455	10%
Angelina	6,830	7,458	628	9%
Austin	56,968	60,017	3,049	5%
Blinn	28,800	31,856	3,056	11%
Brazosport	5,484	5,890	406	7%
Central Texas	20,664	21,225	561	3%
Cisco	6,015	6,042	26	0%
Clarendon	2,548	2,548	0	0%
Coastal Bend	6,374	6,501	126	2%
College of the Mainland	5,837	6,225	388	7%
Collin	38,485	43,544	5,058	13%
Dallas	85,981	93,999	8,018	9%
Del Mar	13,812	14,141	329	2%
El Paso	47,772	47,090	(682)	-1%
Frank Phillips	1,987	2,361	374	19%
Galveston	3,519	3,545	26	1%
Grayson	7,432	7,504	72	1%
Hill	7,086	7,151	65	1%
Houston	75,145	78,597	3,452	5%
Howard	6,250	5,767	(483)	-8%
Kilgore	9,835	9,546	(289)	-3%
Laredo	12,673	12,551	(122)	-1%
Lee	8,861	9,675	814	9%
Lone Star	80,237	89,563	9,325	12%
Mclennan	12,936	13,038	102	1%
Midland	7,202	7,696	493	7%
Navarro	16,524	16,151	(374)	-2%
North Central	14,599	15,258	659	5%
Northeast Texas	5,039	4,698	(340)	-7%
Odessa	6,622	7,417	794	12%

Total 3-Year Average Success Points By Institution				
Name	FY 2016-2017 Biennium Success Points	FY 2018-2019 Biennium Success Points	Difference	Percent Change
Panola	3,639	3,978	340	9%
Paris	9,559	9,751	192	2%
Ranger	3,072	3,557	485	16%
San Jacinto	40,304	45,061	4,757	12%
South Plains	13,951	15,216	1,264	9%
South Texas	42,538	47,680	5,142	12%
Southwest Texas	8,423	8,711	289	3%
Tarrant	67,793	78,440	10,647	16%
Temple	7,975	8,489	514	6%
Texarkana	6,114	6,818	704	12%
Texas Southmost	8,735	6,205	(2,529)	-29%
Trinity Valley	12,497	13,037	540	4%
Tyler	18,510	18,862	352	2%
Vernon	5,082	5,407	325	6%
Victoria	6,000	6,080	80	1%
Weatherford	8,785	9,025	240	3%
Western Texas	4,217	4,360	143	3%
Wharton	12,243	12,963	720	6%
Total	980,204	1,048,949	68,745	7%

Success Point Metrics – 2018-2019 Biennium

Success Point Metric	Points
Student successfully completes developmental education in mathematics.	1.00
Student successfully completes developmental education in reading.	0.50
Student successfully completes developmental education in writing.	0.50
Student completes first college-level mathematics course with a grade of "C" or better.	1.00
Student completes first college-level course designated as reading intensive with a grade of "C" or better.	0.50
Student completes first college-level course designated as writing intensive with a grade of "C" or better.	0.50
Student successfully completes first 15 semester credit hours at the institution.	1.00
Student successfully completes first 30 semester credit hours at the institution.	1.00
Student transfers to a General Academic Institution after successfully completing at least 15 semester credit hours at the institution.	2.00
Student receives from the institution an associate's degree, a Bachelor's degree, or a certificate recognized for this purpose by the Coordinating Board in a field other than a critical field, such as Science, Technology, Engineering and Mathematics (STEM), or Allied Health.	2.00
Student receives from the institution an associate's degree, a Bachelor's degree, or a certificate recognized for this purpose by the Coordinating Board in a critical field, including the fields of Science, Technology, Engineering or Mathematics (STEM), or Allied Health.	2.25

Report of Fundable Operating Expenses Rate History – Year-Over-Year Change

Fund	Expense per Contact Hour by Discipline	2016	2015	2014	2013	2012
1	Agriculture	-0.8%	6.1%	2.7%	7.0%	4.6%
2	Architecture and Precision Production Trades	3.0%	6.2%	2.4%	4.3%	2.3%
3	Biology, Physical Sciences, and Science Technology	3.3%	6.3%	4.5%	10.2%	4.2%
4	Business Management, Marketing, and Administrative Services	2.9%	5.6%	4.8%	10.0%	4.2%
5	Career Pilot	13.1%	13.9%	14.8%	4.9%	-11.2%
6	Communications	2.2%	4.2%	3.2%	6.6%	0.5%
7	Computer and Information Sciences	7.9%	8.3%	4.2%	8.7%	2.9%
8	Construction Trades	-4.2%	1.6%	3.6%	13.7%	0.6%
9	Consumer and Homemaking Education	5.3%	9.0%	4.8%	9.9%	10.6%
10	Engineering	7.8%	0.9%	22.4%	-25.9%	4.4%
11	Engineering Related	10.2%	4.5%	3.6%	7.8%	6.4%
12	English Language, Lit, Philosophy, Humanities, & Interdisciplinary	2.4%	7.7%	3.6%	8.6%	3.9%
13	Foreign Languages	2.2%	7.5%	4.4%	10.8%	4.3%
14	Health Occupations - Dental Assistants, Medical Lab, and Assoc. Degree Nursing	5.1%	7.1%	7.2%	4.0%	5.1%
15	Health Occupations - Dental Hygiene	5.6%	8.1%	-3.9%	8.0%	2.4%
16	Health Occupations - Other	7.0%	6.8%	4.4%	10.2%	6.6%
17	Health Occupations - Respiratory Therapy	7.1%	8.9%	5.6%	8.3%	1.2%
18	Health Occupations - Vocational Nursing	5.6%	6.0%	4.2%	13.8%	4.5%
19	Mathematics	1.8%	8.1%	2.7%	9.7%	6.6%
20	Mechanics and Repairers - Automotive	4.7%	7.9%	2.6%	11.4%	2.4%
21	Mechanics and Repairers - Diesel, Aviation Mechanics, and Transportation Workers	9.2%	5.6%	2.9%	5.0%	8.0%
22	Mechanics and Repairers - Electronics	8.7%	2.8%	0.5%	14.1%	1.0%
23	Physical Education and Fitness	7.2%	11.9%	6.2%	13.9%	5.6%
24	Protective Services and Public Administration	5.1%	6.8%	5.2%	8.4%	5.5%
25	Psychology, Social Sciences, and History	3.4%	4.7%	5.0%	10.2%	4.7%
26	Visual and Performing Arts	2.4%	5.9%	3.9%	11.8%	2.6%
28	Developmental Education - Math	0.4%	7.3%	11.0%	10.4%	3.0%
29	Developmental Education - Reading/Writing	0.6%	6.8%	9.6%	10.7%	7.1%
	Average	5.5%	7.2%	5.6%	7.0%	2.3%
	Median	5.0%	5.9%	1.5%	7.1%	3.9%
	Standard Deviation	15.4%	15.3%	13.6%	1.2%	-12.0%

Report of Fundable Operating Expenses Rate History

Fund	Expense per Contact Hour by Discipline	2016	2015	2014	2013	2012
1	Agriculture	\$ 10.47	\$ 10.55	\$ 9.95	\$ 9.69	\$ 9.06
2	Architecture and Precision Production Trades	\$ 10.98	\$ 10.66	\$ 10.04	\$ 9.80	\$ 9.40
3	Biology, Physical Sciences, and Science Technology	\$ 9.87	\$ 9.56	\$ 8.99	\$ 8.60	\$ 7.81
4	Business Management, Marketing, and Administrative Services	\$ 9.74	\$ 9.46	\$ 8.96	\$ 8.55	\$ 7.77
5	Career Pilot	\$ 45.42	\$ 40.15	\$ 35.26	\$ 30.71	\$ 29.27
6	Communications	\$ 10.39	\$ 10.17	\$ 9.76	\$ 9.45	\$ 8.86
7	Computer and Information Sciences	\$ 12.55	\$ 11.63	\$ 10.74	\$ 10.31	\$ 9.48
8	Construction Trades	\$ 10.87	\$ 11.34	\$ 11.16	\$ 10.78	\$ 9.48
9	Consumer and Homemaking Education	\$ 10.99	\$ 10.44	\$ 9.58	\$ 9.14	\$ 8.32
10	Engineering	\$ 15.44	\$ 14.32	\$ 14.20	\$ 11.60	\$ 15.65
11	Engineering Related	\$ 11.33	\$ 10.28	\$ 9.83	\$ 9.49	\$ 8.80
12	English Language, Lit, Philosophy, Humanities, & Interdisciplinary	\$ 10.53	\$ 10.28	\$ 9.55	\$ 9.22	\$ 8.49
13	Foreign Languages	\$ 9.66	\$ 9.45	\$ 8.80	\$ 8.43	\$ 7.60
14	Health Occupations - Dental Assistants, Medical Lab, and Assoc. Degree Nursing	\$ 16.05	\$ 15.27	\$ 14.26	\$ 13.31	\$ 12.79
15	Health Occupations - Dental Hygiene	\$ 22.88	\$ 21.66	\$ 20.04	\$ 20.85	\$ 19.30
16	Health Occupations - Other	\$ 13.33	\$ 12.45	\$ 11.66	\$ 11.17	\$ 10.13
17	Health Occupations - Respiratory Therapy	\$ 18.65	\$ 17.42	\$ 16.00	\$ 15.15	\$ 13.99
18	Health Occupations - Vocational Nursing	\$ 13.48	\$ 12.76	\$ 12.04	\$ 11.56	\$ 10.16
19	Mathematics	\$ 9.68	\$ 9.50	\$ 8.79	\$ 8.56	\$ 7.80
20	Mechanics and Repairers - Automotive	\$ 12.52	\$ 11.95	\$ 11.08	\$ 10.80	\$ 9.69
21	Mechanics and Repairers - Diesel, Aviation Mechanics, and Transportation Workers	\$ 13.03	\$ 11.93	\$ 11.30	\$ 10.98	\$ 10.46
22	Mechanics and Repairers - Electronics	\$ 11.19	\$ 10.29	\$ 10.01	\$ 9.96	\$ 8.73
23	Physical Education and Fitness	\$ 13.69	\$ 12.77	\$ 11.41	\$ 10.75	\$ 9.43
24	Protective Services and Public Administration	\$ 11.12	\$ 10.58	\$ 9.90	\$ 9.41	\$ 8.68
25	Psychology, Social Sciences, and History	\$ 8.97	\$ 8.67	\$ 8.29	\$ 7.89	\$ 7.16
26	Visual and Performing Arts	\$ 12.05	\$ 11.76	\$ 11.10	\$ 10.69	\$ 9.56
28	Developmental Education - Math	\$ 9.80	\$ 9.77	\$ 9.10	\$ 8.20	\$ 7.43
29	Developmental Education - Reading/Writing	\$ 9.80	\$ 9.75	\$ 9.13	\$ 8.33	\$ 7.53
	Average	\$ 13.37	\$ 12.67	\$ 11.82	\$ 11.19	\$ 10.46
	Median	\$ 11.15	\$ 10.62	\$ 10.03	\$ 9.88	\$ 9.23
	Standard Deviation	\$ 6.98	\$ 6.05	\$ 5.25	\$ 4.62	\$ 4.56

Charge 2 – Study and make recommendations for the appropriate funding level for, and the refinement of, Texas State Technical College System’s returned value funding formula (General Appropriations Act, SB 1, 85th Texas Legislature, Rider 11 (page III-232)).

“The Texas State Technical College System shall continue to work with the Texas Higher Education Coordinating Board, the Legislative Budget Board and other relevant agencies to refine the new Returned Value Funding Formula for the TSTCs. It is the intent of the Legislature that recommended adjustments to the formula shall be ready for implementation in the 2020-21 biennium and shall further the goal of rewarding job placement and graduate earnings projections, not time in training or contact hours.”

Charge 3 – Study and make recommendations on the treatment of competency-based courses in formula allocations.

Competency-based education (CBE) allows students to progress towards completion, often at their own pace, as they demonstrate mastery – measured through authentic assessment – of a defined set of knowledge and skills. Programs may be organized around traditional course-based units, but this is not required. A majority of the curriculum must include regular and substantive interaction with faculty.

Texas A&M Commerce and South Texas College began their competency-based education (CBE) pilot programs in spring 2014. The community college reports courses when students complete all the modules associated with a course.

CBE is growing in Texas. In March 2017, the THECB awarded more than \$650,000 for the following four Texas Affordable Baccalaureate (TAB) degree programs: criminal justice at Texas A&M University-Commerce, a bachelor of science in applied science at Tarleton State University, computer information technology at South Texas College (in partnership with Austin Community College), and mechanical engineering technology at Texas A&M University-Corpus Christi. These programs will be using innovative approaches to curriculum design and delivery, including competency-based education.

Consideration of funding strategies for programs incorporating competency-based education and other non-traditional delivery modes will benefit the current and future TAB programs as they serve a critical need for Texans seeking degrees.

The committee should focus on funding for course-based units, since these programs are eligible for financial aid. Non-course-based units may become eligible in the future, so the committee should also discuss these.

Charge 4 – Study and make recommendations on the efficacy of critical need fields as they relate to contact hour and success point funding.

Charge 5 – Study and make recommendations on a new formula to fund dual credit programs based upon the number of semester credit hours offered in dual credit by Texas State Technical College. (General Appropriations Act, SB 1, 85th Texas Legislature, Rider 12 (page III-232))

Charge 6 – Review existing Coordinating Board data on dual credit program funding, including preliminary data available from the 2017-2018 dual credit study being conducted by contracted research organizations, and share insight on current dual credit funding mechanisms.

Below is a link to the Rand Report on Dual Credit

[Dual Credit: Interim Report from THECB-RAND Study Posted for Public Comment](#)

Appendix A: Tentative Schedule of Future Meetings

Meeting Date	Meeting Location
Thursday, September 21, 2017 10:00 a.m.	THECB Board Room, Austin, TX
Thursday, October 12, 2017 1:00 p.m.	THECB Board Room, Austin, TX
Thursday, November 9, 2017 1:00 p.m.	THECB Board Room, Austin, TX
Thursday, December 7, 2017 1:00 p.m.	THECB Board Room, Austin, TX
Thursday, January 11, 2018 1:00 p.m.	THECB Board Room, Austin, TX

Community and Technical Colleges Formula Advisory Committee - Board Room

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August						
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		
September						
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
October						
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
November						
			1	2	3	4
5	6	7	8	9	10	5
12	13	14	15	16	17	12
19	20	21	22	23	24	19
25	26	27	28	29	30	25
December						
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						
January						
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			
Tentative Meeting		Board Room Unavailable			State Holiday	

**Appendix B: 2018-2019 Texas Higher Education Coordinating Board Formula
Funding Recommendations (Includes Formula Advisory Committee Recommendations)**
<http://www.thecb.state.tx.us/reports/pdf/7601.pdf>

Overview of Community and Technical College Funding Formula

Roland Gilmore
Program Director



Texas Higher Education
Coordinating Board

**Presentation to Community and
Technical College Formula
Advisory Committee, August 31,
2017**



Formulas allocate funds appropriated

- Formulas equitably allocate available funds among institutions
- Funding formulas reflect how state funds are “earned”, not how they must be spent.
- Appropriations are made on a “lump-sum” basis, rather than by line item
- Institutions may spend their appropriated formula funds for any purpose authorized by statute without regard to the method by which the amount of funding was generated.

A formula should ...

- Be fair and equitable
- Provide adequate funding to support institutional missions
- Provide incentives for institutions to engage in desirable behaviors
- Be simple and understandable
- Be stable and predictable

Formula uses authorized by statute

- Instruction
- Department operating expense
- Academic Support (includes library)
- Student services
- Institutional support

Timeline for formula/appropriations process



Community college formula funding model for the 2018 – 2019 biennium

\$1.36 Million in Core Funding

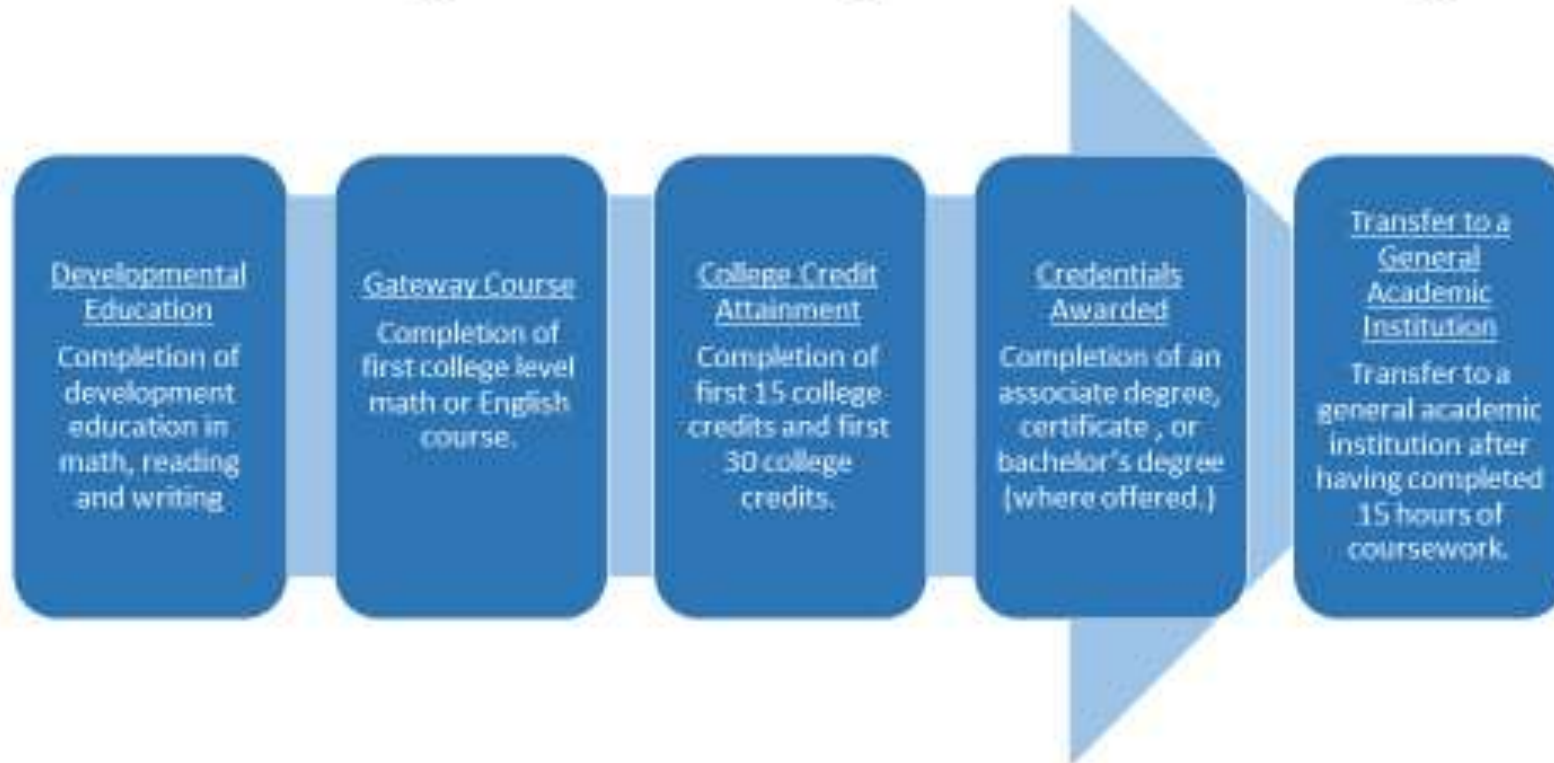
89% Contact Hour Based Funding

Contact hour funding using cost-based weights

11% Outcomes Based Funding

Using the Student Success Points

Community college formula funding: success point funding



Community colleges formula funding model: contact hour funding

- Contact Hour Enrollment Formula
 - Covers Academic and Technical programs
 - Critical fields “bonus” of 10%
 - Based on cost study of 26 disciplines using per contact hour \$ rates; formula is 100% general revenue



Texas Higher Education
Coordinating Board

This document is available on the Texas Higher Education Coordinating Board
Website: <http://www.thecb.state.tx.us/formulafunding>

For more information contact:

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Strategic Planning and Funding

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