

CBM-116 Supplemental Follow-Up
Collin College
2020-2021 Program Completers
By Classification of Instructional Programs (CIP)

Gloria Hurtado Diaz & Jocelyn Alexander
Enrollment Analytics and Reporting
Institutional Research Office

September 14, 2023

CBM-116 Supplemental Follow-Up
Collin College
2020-2021 Program Completers
By Classification of Instructional Programs (CIP)

Executive Summary

Each year, the Texas Higher Education Coordinating Board (THECB) tracks community college program completers (graduates) in an effort to determine what proportion were “successful” in their subsequent endeavors. The THECB defines as “successful” those community college program completers who, during the fall (October, November, December) following their program completion, either (1) continued their education at a post-secondary institution, (2) found gainful employment, (3) earned a certificate of completion from an apprenticeship, (4) enlisted in the military, or (5) were in a national or community service or the Peace Corps.

The THECB uses the following multi-step follow-up process to identify “successful” program completers.

Step 1: The THECB uses its own statewide student database to track students who completed instructional programs at Texas community colleges to determine which completers continued their post-secondary education during the year following their community college program completion. (For the purposes of tracking, instructional programs are identified by federal CIP Codes).

Step 2: The THECB sends the Social Security Numbers of program completers to the Texas Workforce Commission (TWC) to match against the TWC’s unemployment insurance (UI) Wage Record Database to identify completers who were employed by organizations that participate in the State’s UI program. The THECB calculates an initial “success rate” for every instructional program at every community college in the state based on the first two steps.

Step 3: The THECB notifies institutions that a list is available on the THECB Internet site identifying the institution’s completers who were not identified as “successful” in the first two steps. Each institution, then, has an opportunity to supplement the initial success rates by undertaking its own efforts to track down its program completers who were not identified as “successful” in the first two steps. The missing students are tracked using whatever resources and strategies an institution can devise. As each missing completer is found, the institution administers a brief questionnaire to determine if a given completer

continued additional post-secondary education or became employed/self-employed since program completion. The results of this supplemental tracking effort are entered into the THECB database by the institution via the Internet, and the revised success rates are applied to each program.

Typically, THECB is unable to find students who:

- transferred to colleges outside of Texas
- worked for companies in Texas not covered by UI regulations
- were self-employed
- were incarcerated after exiting the program
- were employed outside of Texas
- were truly unemployed and not pursuing additional higher education
- joined the military

On November 8, 2022, the THECB notified Collin College's Institutional Research Office (IRO) that the list of 2020-2021 program completers who had not been identified as "successful" was available for supplemental follow-up. The deadline for submitting supplemental information was December 9, 2022. The list comprised of 685 completers for whom the THECB found no information. IRO undertook an extensive effort to locate and contact as many of these completers as possible using resources such as the National Student Clearinghouse, Internet search engines, an online survey¹, LinkedIn, and other social networks. Of all tracking methods, the National Student Clearinghouse was the most useful this year. All the tracking methods used in 2019-2020 and 2020-2021 and percent success rates are summarized in Table 2.

After the first two steps in the THECB's follow-up process, they were unable to track Collin College program completers from 47 instructional programs during 2020-2021. 26 out of the 47 instructional programs fell below a success rate of 85% (indicated by lavender color in Table 1 column 3) and 21 programs met or exceeded this rate (indicated by light green color).

IRO's supplemental follow-up improved the success rates of all but 7 programs (indicated by darker green shade in Table 1 column 6). In most cases, the "unsuccessful" completers found by IRO were either unemployed or stay-at-home parents during the fall 2021 reference period or became employed after the reference period. The cells without dark green shading identify the 7 programs that saw no improvement in their success rates following IRO's efforts, though 3 out of these 7 programs met an 85% success rate prior to IRO's supplemental follow-up.

The checked boxes (Table 1 column 7) identify the programs that met or exceeded an 85% success rate after IRO's supplemental follow-up. Of the 47 programs, 39 (82.98%) met or exceeded the success rate of 85% (Table 1 column 7).

¹ A Qualtrics survey was sent via email on November 14, 2022, to 513 graduates. The survey asked the graduates about their employment status in fall 2021.

To get a sense of success over time, three-year averages were computed for completers of the listed programs (Table 1 column 8). The three-year averages were calculated by adding the additional successes tracked by IRO to the initial outcomes from THECB's follow-up process in the last three years and dividing them by the total completers in the program. Not all programs had completers to be tracked in each of the three years included in the average. Therefore, Table 1 column 9 indicates the number of years that were used in the computation of the average for each program. 7 programs fell below the 85% success rate over the three-year period.

**Table 1 - CBM-116 Supplemental Follow-up Summary by Classification of Instructional Program (CIP) for 2020-2021 Graduates and Three-Year Averages
Collin College
2020-2021**

CIP	Program	Graduates (Col. 1)	THECB Initial Matching Outcomes		IRO Supplemental Follow-up Outcomes				Three-Year Averages Successful Outcomes	
			Successful Outcomes N (Col. 2)	% (Col. 3)	Students Tracked N (Col. 4)	Additional Success N (Col. 5)	Successful Outcomes % Final Success (Col. 6)	Meet/exceed 85% Success Rate (Col. 7)	% Final Success (Col. 8)	Yrs. in Avg. (Col. 9)
09010100	Speech Communication and Rhetoric	40	35	88%	5	4	98%	☒	95%	3
11010100	Computer and Information Sciences, General	28	25	89%	3	2	96%	☒	88%	3
11070100	Computer Science	43	37	86%	5	3	93%	☒	95%	3
11080100	Web Page, Digital/Multimedia and Information Resources Design	19	16	84%	3	2	95%	☒	85%	3
11090100	Computer Systems Networking and Telecommunications	21	18	86%	1	0	86%	☒	91%	3
11100300	Computer and Information Systems Security/Auditing/Information Assurance	82	77	94%	4	3	98%	☒	94%	3
12050100	Baking and Pastry Arts/Baker/Pastry Chef	20	14	70%	5	4	90%	☒	89%	3
12050300	Culinary Arts/Chef Training	17	9	53%	7	7	94%	☒	90%	3
13120500	Secondary Education and Teaching	48	41	85%	4	4	94%	☒	95%	3
13121000	Early Childhood Education and Teaching	74	73	99%	1	1	100%	☒	99%	2
14190100	Mechanical Engineering	1	0	0%	1	0	0%	☐	0%	1
15030300	Electrical, Electronic, and Communications Engineering Technology/Technician	7	6	86%	1	1	100%	☒	83%	3
15050100	Heating, Ventilation, Air Conditioning and Refrigeration Technology/Technician	117	102	87%	6	5	91%	☒	92%	3
16160300	Sign Language Interpretation and Translation	21	12	57%	5	2	67%	☐	84%	3
19070600	Child Development	5	4	80%	1	1	100%	☒	91%	3
22030200	Legal Assistant/Paralegal	40	33	82%	5	3	90%	☒	87%	3
24010200	General Studies	2824	2409	85%	215	183	92%	☒	92%	3
41010100	Biology/Biotechnology Technology/Technician	2	1	50%	1	1	100%	☒	100%	1
43010400	Criminal Justice/Safety Studies	56	51	91%	5	5	100%	☒	95%	3
43010700	Criminal Justice/Police Science	39	28	72%	11	11	100%	☒	96%	3
43020100	Fire Protection and Safety Technology/Technician	71	61	86%	6	6	94%	☒	94%	1
43020300	Fire Science/Fire-fighting	23	22	96%	1	1	100%	☒	97%	3
45070200	Geographic Information Science and Cartography	11	8	73%	2	2	91%	☒	85%	2
48050800	Welding Technology/Welder	102	96	94%	2	1	95%	☒	95%	1
50040200	Commercial and Advertising Art	15	10	67%	4	3	87%	☒	88%	3
50040800	Interior Design	15	12	80%	1	0	80%	☐	87%	3

CIP	Program	Graduates (Col. 1)	THECB Initial Matching Outcomes		IRO Supplemental Follow-up Outcomes				Three-Year Averages	
			Successful Outcomes		Students Tracked	Additional Success	Successful Outcomes		Successful Outcomes	
			N	%	N	N	% Final Success	Meet/exceed 85% Success Rate	% Final Success	Yrs. in Avg.
		(Col. 1)	(Col. 2)	(Col. 3)	(Col. 4)	(Col. 5)	(Col. 6)	(Col. 7)	(Col. 8)	(Col. 9)
50041000	Illustration	10	8	80%	2	2	100%	☒	90%	3
50041100	Game and Interactive Media Design	25	18	72%	2	1	76%	☐	79%	3
50100300	Music Management	24	17	71%	4	4	88%	☒	89%	3
51060200	Dental Hygiene/Hygienist	15	12	80%	2	1	87%	☒	87%	2
51070700	Health Information/Medical Records Technology/Technician	27	17	63%	6	5	81%	☐	85%	2
51071300	Medical Insurance Coding Specialist/Coder	37	32	86%	2	0	86%	☒	88%	3
51080100	Medical/Clinical Assistant	19	18	95%	1	1	100%	☒	100%	1
51080800	Veterinary/Animal Health Technology/Technician and Veterinary Assistant	4	3	75%	1	1	100%	☒	90%	2
51090300	Electroneurodiagnostic/Electroencephalographic Technology/Technologist	9	8	89%	0	0	89%	☒	82%	3
51090400	Emergency Medical Technology/Technician (EMT Paramedic)	50	48	96%	0	0	96%	☒	98%	3
51090900	Surgical Technology/Technologist	38	37	97%	1	0	97%	☒	98%	3
51091000	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	14	11	79%	2	0	79%	☐	78%	2
51380100	Registered Nursing/Registered Nurse	124	110	89%	2	2	90%	☒	92%	3
52010100	Business/Commerce, General	258	213	83%	27	20	90%	☒	93%	3
52020100	Business Administration and Management, General	90	76	84%	8	3	88%	☒	90%	3
52020300	Logistics, Materials, and Supply Chain Management	17	14	82%	1	1	88%	☒	88%	1
52021200	Retail Management	13	11	85%	1	1	92%	☒	94%	3
52040100	Administrative Assistant and Secretarial Science, General	8	6	75%	1	0	75%	☐	79%	3
52090100	Hospitality Administration/Management, General	29	23	79%	2	1	83%	☐	86%	3
52150100	Real Estate	47	35	74%	7	6	87%	☒	85%	3
52200100	Construction Management, General	17	14	82%	2	2	94%	☒	94%	1
Total		4,616	3,931	85%	379	306	92%	☒	92%	3
	Number of Program Completers to be Tracked by IRO					685				
	Number of Program Completers Tracked by IRO					379				
	% Program Completers Found by IRO					55%				

Data Source: Texas Higher Education Coordinating Board data for 2020-2021.

Student success is defined as the student being employed/self-employed, enlisted in the military, or having transferred to a college or university during October - December 2021.

Note 1: The light green cells indicate that the programs either meet or exceed an 85% THECB initial matching success rate.

Note 2: The dark green cells indicate that the program showed an improvement in success following tracking carried out by IRO.

Note 3: The lavender cells indicate that the program did not meet an 85% THECB initial matching success rate.

Note 4: The cells without any fill in col. 6 indicate programs where no improvement could be made despite IRO efforts.

Table 2 – CBM-116 Methods Employed by Collin College to Track Graduates
Collin College
2020-2021

Method¹	Success Count	2019-2020 Success Rate² (%)	Success Count	2020-2021 Success Rate² (%)
National Student Clearinghouse (NSC)	147	20.3%	130	19.0%
Qualtrics Survey	55	7.6%	76	11.1%
Manual Search	152	21.0%	66	9.6%
Affinaquest/ HEPdata ³	79	10.9%	58	8.5%
Phone	121	16.7%	39	5.7%
Enrolled at Collin College in fall 2020/ fall 2021 ⁴	4	0.6%	17	2.5%

¹A student can be found from multiple methods

²The table is sorted by 2020-21 Success Rate (%) in descending order

³HEPdata was used in 2019-2020; Affinaquest (previously, HEPdata) was used in 2020-21

⁴Enrolled at Collin College in fall 2020/ fall 2021 - 2019-20 (FY 2020 Graduates) in fall 2020 and 2020-21 (FY 2021 Graduates) in fall 2021

Number of 2019-2020 program completers (FY 2020 Graduates) sent to IRO for supplemental follow-up = 725

Number of 2020-2021 program completers (FY 2021 Graduates) sent to IRO for supplemental follow-up = 685