

Report on Non-Transferable Credit and Courses Taken at Public Two-Year Colleges

**A Report to the Texas Legislature per
Texas Education Code,
Sections 51.4033 and 51.4034**

February 2023

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The THECB will be recognized as an international leader in developing and implementing innovative higher education policy to accomplish our mission.

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The THECB will promote access to and success in quality higher education across the state with the conviction that access and success without quality is mediocrity and that quality without access and success is unacceptable.

The THECB's core values are:

Accountability: We hold ourselves responsible for our actions and welcome every opportunity to educate stakeholders about our policies, decisions, and aspirations.

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Collaboration: We develop partnerships that result in student success and a highly qualified, globally competent workforce.

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Executive Summary

Senate Bill (SB) 25, 86th Texas Legislature, outlines measures to facilitate the transfer, academic progress, and timely graduation of students in public higher education. This legislation includes a directive to the Texas Higher Education Coordinating Board (THECB) to provide a report that describes: (1) courses in the *Lower-Division Academic Course Guide Manual* that are not granted credit at a receiving general academic teaching institution and (2) the number of courses taken by students at each public two-year college (referred to as a “junior college” in statute) who either transferred to a general academic teaching institution or earned an associate degree at the college. This report satisfies that legislative directive as outlined in Texas Education Code, Sections 51.4033 and 51.4034. Data requirements were fulfilled in partnership with general academic teaching institutions, public two-year colleges, and the THECB.

Ensuring the success and timely graduation of transfer students is a priority for policymakers, institutions, and the THECB. The “Report on Non-Transferable Credit and Courses Taken at Public Two-Year Colleges” provides a snapshot of the transfer landscape in Texas from the perspective of courses attempted and completed by students at public two-year institutions, including students enrolled in dual credit courses. This report dives deeper into the impact of course selection on students transferring to a public university by highlighting the courses taken by students that do not count toward a degree resulting in excess credit hours, longer time to graduate, and an increase in the overall cost of a degree.

Using existing data submitted by two-year public institutions, the analysis of student course-taking at two-year public institutions revealed that students who earned an associate degree without transferring had the highest number of courses attempted and completed, followed by students who transferred and did not receive an associate degree, and students who received an associate degree and transferred. This pattern remained the same across all course classifications.¹ Because students who earn an associate degree often complete 60 semester course hours (SCHs) of coursework, it is no surprise they would be attempting and completing more courses than the other two groups of students. Furthermore, these three groups of students attempted and completed the most courses from the *Lower-Division Academic Course Guide Manual*. Importantly, these high course completion rates reveal that students at two-year public institutions successfully complete courses with an A, B, C, D, or pass.

Based on reports from the CBM00T (University Transfer Report), 14,695 students who transferred to a university from a two-year public institution in fall 2021 did not receive course credit for at least one of their courses taken at a two-year institution. In spring 2022, 5,259 students were denied credit for at least one course transferred from a two-year institution. The most frequently reported reason for credit denial in both semesters was the course being outside the degree requirement. For both semesters, approximately 47% (fall) and 49% (spring) of these students had two or fewer courses denied credit.

¹ For the purposes of this report, course classification refers to courses included in the *Lower-Division Academic Course Guide Manual*, *Workforce Education Course Manual*, non-core courses, and/or courses taken for dual credit while in high school.

Across both semesters, MATH 1314 (College Algebra) and EDUC 1300 (Learning Framework) were the top two courses with course denial. In the fall semester, these two courses were most frequently denied credit because they were outside the degree requirement. Among the top five courses denied credit in fall 2021, HIST 1301 (United States History I) was the only course for which the most frequently cited reason for course denial was something other than the course being outside of the degree requirement. HIST 1301 was most frequently denied credit (35.5% of denials) due to not meeting the minimum grade requirement. In the spring semester, MATH 1314 was most frequently denied credit (37% of denials) because it did not meet the minimum grade requirement, while EDUC 1300 was most frequently denied credit (43.2% of denials) for a reason marked as “Other.”

Findings from this report are valuable for understanding transfer patterns and potential challenges facing transfer students. This report offers robust longitudinal data about student course taking and patterns, including insight into excess credit hours. THECB staff, in partnership with institutions, continue to identify areas for improvement for future years of data collection and will refine the methodology to understand the challenges in the transfer pipeline and identify potential improvements or areas that require additional attention or analysis.

Report on Non-Transferable Credit and Courses Taken at Public Two-Year Colleges

Non-Transferable Credit (CBM Transfer Report)

CBM Transfer Report (CBM00T) Methodology

Four-year public institutions in Texas are required to submit information on the courses for which a student who transfers was not granted academic credit at the receiving institution or was not granted credit toward the student's major at the receiving institution. Courses reported on the CBM Transfer Report must meet the following criteria:

- Courses are in the *Lower-Division Academic Course Guide Manual (ACGM)* or its successor.
- Courses were taken by a student transferring for the first time from a Texas public two-year institution to a university.
- The student was granted academic credit for the course at the sending institution.
- The transfer student must have a declared major at the receiving institution.
- The transfer student did not change their major area of concentration (four-digit Classification Instructional Programs [CIP] code) between the time of admission (major listed on Apply Texas application) and the census date.
- At least 50% of the awarded SCHs for the course did not transfer and apply to the student's major at the receiving institution. For example, if 2 SCHs from a 3-SCH course transferred and applied toward the student's major, then the course would not need to be reported.

As of January 2023, all 37 Texas four-year institutions submitted information for fall 2021 and spring 2022 to the THECB. The data only include applicable courses from first-time transfer students enrolling in fall 2021 or spring 2022. See [Appendix A](#) for the full instructions for the Transfer Report.

CBM Transfer Report Results

In the instructions provided to institutions for the CBM Transfer report, all Texas public universities were asked to supply a reason why a course was denied credit at their institution. These reasons can be found in [Appendix A](#) and are also reflected in [Table 1](#). Fall 2021 statewide data show that 64,877 courses were denied credit at the receiving public four-year institution, impacting 14,695 students. Additionally, spring 2022 statewide data revealed that 18,916 courses were denied credit at the receiving four-year institution, impacting 5,259 students. The most frequently reported reason for credit denial across both semesters was the course being outside the degree requirement (55.1% in fall and 39.8% in spring).

Table 1. Frequency and Percentage of Credit Denial Across All General Academic Teaching Institutions, Fall 2021 and Spring 2022

Credit Denial Reason	Fall 2021		Spring 2022	
	Frequency	%	Frequency	%
Course Outside the Degree Requirement	35,735	55.1	7,530	39.8
Minimum Grade Requirement	14,517	22.4	5,205	27.5
Repeated Course	7,546	11.6	2,828	15.0
Exceeded Maximum Transfer Hours	2,798	4.3	1,095	5.8
Other	4,281	6.6	2,258	11.9
Total	64,877	100.0	18,916	100.0

Source: CBM00T

Although the number of courses that were denied credit varied between fall and spring, the percentages in Table 2 show similar patterns of course denial. The percentage of students having two or fewer courses reported as not receiving credit hovered around 47% in the fall and 49% in the spring. Another 24% and 20% of students in the fall and spring semesters had six or more courses that were not accepted for credit. For the fall semester, the average number of courses per student was around 4.4 with a median of 3 courses. For the spring semester, the average number of courses per student was around 3.6, with a median of 3 courses.

Table 2. Number of Course Denials Per Student, Fall 2021 and Spring 2022

Number of Course Denials Per Student	Fall 2021		Spring 2022	
	Frequency	%	Frequency	%
1	4,154	28.3	1,503	28.6
2	2,707	18.4	1,057	20.1
3	1,918	13.1	709	13.5
4	1,459	9.9	545	10.4
5	992	6.8	390	7.4
6 or more	3,465	23.6	1,055	20.1
Total	14,695	100.0	5,259	100.0

Source: CBM00T

[Tables 3](#) and [4](#) show the top five courses denied credit in fall 2021 and spring 2022, with a complete list of courses and their reason for credit denial provided in [Appendix D](#) and [Appendix E](#). Across both semesters, MATH 1314 (College Algebra), EDUC 1300 (Learning Framework), ENGL 1301 (Composition I), PSYC 2301 (General Psychology), and HIST 1301 (United States History I) were among the top five courses with the highest frequency of credit denial. Though

these courses were found in the top five across both semesters, the reason for credit denial varied.

In the fall semester, four of the top five courses (MATH 1314, EDUC 1300, ENGL 1301, and PSYC 2301) were most frequently denied credit because they were outside the degree requirement. However, the last remaining class in the top five, HIST 1301, was most frequently denied credit because it did not meet the minimum grade requirement.

In the spring semester, two courses continued similar patterns from the fall. PSYC 2301 and HIST 1301 continued to be most frequently denied credit because they were outside the degree requirement and did not meet the minimum grade requirement, respectively. MATH 1314 was most frequently denied credit because it did not meet the minimum grade requirement. Unlike the fall semester, courses reported in the spring semester were denied credit for reasons other than being outside the degree requirement and not meeting the minimum grade requirement. For example, ENGL 1301 was most frequently denied credit for being a repeated course, and EDUC 1300 was most frequently denied credit for a reason marked as “Other.”

Table 3. Top 5 Courses Denied Credit and Reasons for Denial, Fall 2021

Full Course Name	Outside Degree Requirement	Did Not Meet Min. Grade Requirement	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
MATH 1314: College Algebra	1,238 (45.7%)	873 (32.2%)	339 (12.5%)	151 (5.6%)	108 (4.0%)	2,709
EDUC 1300: Learning Framework	1,117 (48.1%)	101 (4.4%)	47 (2.0%)	197 (8.5%)	860 (37.0%)	2,322
ENGL 1301: Composition I	868 (38.9%)	597 (26.8%)	648 (29.1%)	79 (3.5%)	39 (1.8%)	2,231
HIST 1301: United States History I	697 (32.7%)	756 (35.5%)	543 (25.5%)	71 (3.3%)	64 (3.0%)	2,131
PSYC 2301: General Psychology	1,119 (53.1%)	400 (19.0%)	355 (16.8%)	90 (4.3%)	144 (6.8%)	2,108

Source: CBM00T

Table 4. Top 5 Courses Denied Credit and Reasons for Denial, Spring 2022

Full Course Name	Outside Degree Requirement	Did Not Meet Min. Grade Requirement	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
EDUC 1300: Learning Framework	335 (39.5%)	47 (5.5%)	20 (2.4%)	80 (9.4%)	367 (43.2%)	849
MATH 1314: College Algebra	272 (33.5%)	300 (37.0%)	130 (16.0%)	55 (6.8%)	54 (6.7%)	811
ENGL 1301: Composition I	87 (12.5%)	234 (33.7%)	299 (43.0%)	34 (4.9%)	41 (5.9%)	695
PSYC 2301: General Psychology	220 (34.7%)	175 (27.6%)	142 (22.4%)	31 (4.9%)	67 (10.6%)	635
HIST 1301: United States History I	11 (2.1%)	287 (53.5%)	167 (31.2%)	37 (6.9%)	34 (6.3%)	536

Source: CBM00T

CBM Transfer Report Data Collection Considerations

Fall 2022 was the third year of data collection for the CBM00T. Institutions provided information on courses that were denied transfer credit in fall 2021 and spring 2022.

The THECB continues to work with stakeholders to better define the parameters of this report, and the data provided is expected to improve moving forward. The most common continued challenge for this data collection was differing interpretations of certain report parameters and definitions among institutions. For example, some institutions reported courses for which a student failed or withdrew at the public two-year institution, and some only reported courses for which the student received credit at the two-year institution. Additionally, many transfer students bring in credits from public two-year institutions as well as other four-year public or private institutions of higher education. This adds complexity for institutions in determining which students to include in the CBM Transfer Report.

Courses Taken at Public Two-Year Colleges

Context

In Texas, courses at public two-year colleges are usually categorized as falling in the WECM or the ACGM. The WECM includes the THECB's official statewide inventory of workforce education courses (Technical Course Inventory). The ACGM consists of a list of general academic transfer courses that may be offered for state funding by public community and technical colleges in Texas and are transferable among all public institutions of higher education in the state.

A critical distinction between courses in the WECM and ACGM is that courses in the WECM are not typically intended for transfer. Another difference is whether a course falls within the core curriculum. Importantly, state law mandates that core curriculum courses must transfer between all public institutions of higher education, but depending on a student's major, a course may not be applicable to the student's major requirements.

Methodology

Public two-year colleges are required to report the number of courses and semester credit hours attempted and completed at their institutions and whether these courses were in the ACGM, WECM, non-core courses, or courses taken for dual credit while in high school. The cohort for this analysis is limited to students identified as first-time transfers at a public university and had community and technical college hours in the previous year or any student who earned an associate degree in the previous year. As such, this report captures six years of course-level data for three groups of students for Fiscal Year (FY) 2021: (1) transfers with no associate degree, (2) transfers with an associate degree, and (3) associate degree earners who did not transfer.

For the purposes of this report, course completion was defined as a student receiving an A, B, C, D, or pass. Data from the THECB, CBM001, CBM009, CBM00S, and CBM00N were linked together to produce [Table 5](#) and [Appendix F](#). The full table with courses attempted and completed and number of semester hours attempted and completed for each public two-year college will be posted on the THECB data site with this report.

Results

Statewide data in [Appendix F](#) show that students, regardless of transfer status, attempted and completed the most courses from the ACGM. This finding is promising as ACGM courses are transferable among all public institutions of higher education in Texas. Another promising finding reflected in [Appendix F](#) is the high percentage of course completion across course type for all three groups of students. In other words, students completed a very high percentage of their courses with an A, B, C, D, or pass. Still, the receiving institution often may have a higher grade requirement for transfer applicability, as was captured in the CBM00T.

Although WECM courses are not typically intended for transfer, the number of WECM courses completed by transfers with an associate degree was around 20,000, and around 28,000 for students who transferred without earning an associate degree. Furthermore, the number of non-core courses completed by transfers with and without an associate degree were around 78,000 and 103,000, respectively. Given that only courses classified as core or in the ACGM are required to be transferable across institutions, these high numbers of non-core courses taken by transfer students may offer insights as to the course applicability at the receiving university.

[Table 5](#) shows a breakdown of statewide data using the average number of SCHs completed for students who transferred with and without an associate degree. Given that most associate degree programs require 60 SCHs, it is not surprising that transfers with an associate degree completed more semester credit hours than their counterparts without an associate degree. On average, transfers without an associate degree completed 43 SCHs, while transfers with an associate degree completed 60 SCHs. For transfers without an associate degree, those 43 SCHs were made up of about 34 SCHs of core courses and 9 SCHs of non-core courses. For

transfers with an associate degree, those 60 SCHs were made up of about 45 SCHs of core courses and 15 SCHs of non-core courses.

Table 5. Statewide Public Two-Year Institution Courses for Transfers With and Without an Associate Degree, FY 2021

	Average Number of SCHs Completed at Public Two-Year Colleges	
	Transferred, did not earn associate (n=31,493)	Earned associate and transferred (n=14,286)
All Courses	43.4	59.9
ACGM Courses	40.2	54.9
WECM Courses	2.6	4.1
Course not ACGM or WECM	0.5	1.0
Core Courses	34.2	44.7
Non-Core Courses	9.2	15.2
College Courses	40.4	56.4
Dual Credit Courses	3.0	3.5

Source: CBM00T

Conclusion

The data captured and reflected within this report offer unique insights for institutions and policymakers to understand transfer patterns and potential challenges facing transfer students. The THECB will continue to refine this data collection and use it as a tool in its overarching efforts to improve vertical transfer pathways for Texas students.

Appendix A: Instructions for Transfer Report (CBM00T)

Item #1 Record Code. Always enter 'T'.

Item #2 Institution Code. Enter the FICE Code of the reporting institution.

Item #3 Student Identification Number. Enter the social security number of the student. The institution will assign unique (nine-digit) identification numbers to students without social security numbers.

Item #4 Term Transferred. Enter the semester code of the student's first long-semester enrollment after transfer (1 Fall; 2 Spring).

Item #5 Reporting Period. Always enter '5'.

Item #6 Year. Enter all four digits of the calendar year in which the report is due.

Item #7 ACGM Course Prefix. Enter the subject abbreviation of the transfer course as transcribed by the institution where the student received the credit.

Item #8 ACGM Course Number. Enter the course identification number.

Item #9 Institution Code from Transfer Transcript. Enter the FICE Code of the institution where the student received the course credit.

Item #10 Reason for Not Granting Credit. Choose from the following reasons for why the receiving institution did not grant academic credit for the ACGM course. A course may have multiple reasons for why it was not accepted at the receiving institution. Please mark one reason for why it was not accepted.

1 Course Outside the Degree Requirement – Course was outside the degree plan requirements for the student's current major at the time of matriculation.

2 Minimum Grade Requirement – The student did not earn a grade that meets the receiving institution's policy (including program-level requirements) for transfer credit. For example, institutions have policies requiring a C- or better for the course to transfer and be applicable to a degree, and if a student does not receive a C- or better the course may not transfer.

3 Repeated Course – A student may only receive credit once for a repeated course and any other credits for the course will not be transferable.

4 Exceeded Maximum Transfer Hours – The Texas Higher Education Coordinating Board (THECB) rule 4.25 (f) states an institution is “not required to accept in transfer, or apply toward a degree, more than sixty-six SCH of lower division academic credit” or students' transfer hours may not exceed the institution's policy on maximum transfer hours set by the institution.

5 Other – If no other category fits the reason for the course not transferring, select “other.”

Item #11 Major Area of Concentration. Enter the first four-digits of the CIP code of the major area of concentration at the receiving institution at the time of matriculation.

Appendix B: Institutional Breakdown of Number of Courses Denied Credit, Number of Unduplicated Students, and Transfer Students With Course Credit from a Two-Year College, Fall 2021

Institution Name	Total Courses Denied Credit	Unduplicated Students with Denied Course Credit	Transfer students with course credit from a two-year college (including dual credit)*
Angelo State University	110	53	931
Lamar University	384	166	809
Midwestern State University	1,747	305	620
Prairie View A&M University	400	171	755
Sam Houston State University	3,803	1,227	2,688
Stephen F. Austin State University	1,328	451	1,353
Sul Ross State University	319	62	118
Sul Ross State University Rio Grande College	517	108	125
Tarleton State University	3,170	647	1,955
Texas A&M International University	0	0	1,013
Texas A&M University	5,336	1,514	6,512
Texas A&M University at Galveston	270	53	309
Texas A&M University-Central Texas	314	99	283
Texas A&M University-Commerce	926	395	1,077
Texas A&M University-Corpus Christi	1,115	311	1,213
Texas A&M University-Kingsville	1,096	173	805
Texas A&M University-San Antonio	1,850	502	687
Texas A&M University-Texarkana	550	144	268
Texas Southern University	14	9	445
Texas State University	3,755	823	4,388
Texas Tech University	198	82	4,470
Texas Woman's University	3,691	699	1,340

Institution Name	Total Courses Denied Credit	Unduplicated Students with Denied Course Credit	Transfer students with course credit from a two-year college (including dual credit)*
The University of Texas at Arlington	1,456	297	4,243
The University of Texas at Austin	201	139	3,590
The University of Texas at Dallas	806	460	2,771
The University of Texas at El Paso	2,573	766	1,674
The University of Texas at San Antonio	1,661	636	4,290
The University of Texas at Tyler	1,213	374	1,314
The University of Texas Permian Basin	799	215	448
The University of Texas Rio Grande Valley	2,625	563	3,258
University of Houston	2,980	1,103	4,983
University of Houston-Clear Lake	15,238	755	1,271
University of Houston-Downtown	637	355	1,918
University of Houston-Victoria	1,107	244	378
University of North Texas	1,932	605	4,365
University of North Texas at Dallas	756	189	641
West Texas A&M University	0	0	1214
Total	64,877	14,695	68,563

Source: CBM00T, CBM001

*Includes students reported as first-time transfers at a university with a Federal Interagency Committee of Education (FICE) code from a public two-year institution and students who were flagged as first-time in college and had dual credit in the past four years.

Appendix C: Institutional Breakdown of Number of Courses Denied Credit, Number of Unduplicated Students, and Transfer Students With Course Credit from a Two-Year College, Spring 2022

Institution Name	Total Courses Denied Credit	Unduplicated Students with Denied Course Credit	Transfer students with course credit from a two-year college (including dual credit)*
Angelo State University	76	31	112
Lamar University	972	410	227
Midwestern State University	976	152	167
Prairie View A&M University	89	40	90
Sam Houston State University	1,392	415	597
Stephen F. Austin State University	0	0	239
Sul Ross State University	144	27	29
Sul Ross State University Rio Grande College	268	54	60
Tarleton State University	0	0	456
Texas A&M International University	343	94	249
Texas A&M University	1,879	543	729
Texas A&M University at Galveston	142	21	22
Texas A&M University-Central Texas	174	53	156
Texas A&M University-Commerce	0	0	322
Texas A&M University-Corpus Christi	487	124	229
Texas A&M University-Kingsville	385	64	100
Texas A&M University-San Antonio	602	45	190
Texas A&M University-Texarkana	0	0	105
Texas Southern University	11	6	53
Texas State University	1,245	262	653
Texas Tech University	0	0	423
Texas Woman's University	0	0	477
The University of Texas at Arlington	1,356	263	1,285
The University of Texas at Austin	51	42	257
The University of Texas at Dallas	0	0	614
The University of Texas at El Paso	1,504	490	692
The University of Texas at San Antonio	602	234	877
The University of Texas at Tyler	556	165	328
The University of Texas Permian Basin	376	100	149

Institution Name	Total Courses Denied Credit	Unduplicated Students with Denied Course Credit	Transfer students with course credit from a two-year college (including dual credit)*
The University of Texas Rio Grande Valley	2,058	412	581
University of Houston	1,164	440	1,215
University of Houston-Clear Lake	0	0	595
University of Houston-Downtown	327	184	931
University of Houston-Victoria	851	178	208
University of North Texas	1,132	337	1,070
University of North Texas at Dallas	1	1	192
West Texas A&M University	174	72	276
Total	18,916	5,259	14,954

Source: CBM00T, CBM001

*Includes students reported as first-time transfers at a university with a Federal Interagency Committee of Education (FICE) code from a public two-year institution and students who were flagged as first-time in college and had dual credit in the past four years.

Appendix D: Reason for Credit Denial by Course for Top 100 Most Reported Courses, Fall 2021

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
MATH 1314 College Algebra (3-SCH version)	1,238	873	339	151	108	2,709
EDUC 1300 Learning Framework (3-SCH version)	1,117	101	47	197	860	2,322
ENGL 1301 Composition I	868	597	648	79	39	2,231
HIST 1301 United States History I	697	756	543	71	64	2,131
PSYC 2301 General Psychology	1,119	400	355	90	144	2,108
ENGL 1302 Composition II	917	674	394	43	60	2,088
GOVT 2305 Federal Government (federal Constitution & topics)	678	491	470	70	55	1,764
HIST 1302 United States History II	701	539	408	55	52	1,755
GOVT 2306 Texas Government (Texas Constitution & topics)	623	454	297	39	37	1,450
BIOL 2401 Anatomy & Physiology I (lecture + lab)	382	418	316	24	73	1,213
SOCI 1301 Introduction to Sociology	616	240	129	59	69	1,113
SPCH 1315 Public Speaking	710	223	81	20	57	1,091
MATH 2412 Pre-Calculus Math (4-SCH version)	699	198	69	85	27	1,078
PSYC 2314 Lifespan Growth & Development	706	163	120	32	40	1,061
ECON 2301 Principles of Macroeconomics	551	270	124	37	47	1,029
BCIS 1305 Business Computer Applications (3-SCH version)	668	147	40	27	73	955
ARTS 1301 Art Appreciation	575	210	111	20	37	953
BIOL 1406 Biology for Science Majors I (lecture + lab)	426	241	171	14	26	878
MATH 1342 Elementary Statistical Methods (3-SCH version, freshman level)	307	287	142	21	32	789

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
PHIL 1301 Introduction to Philosophy	424	243	53	37	27	784
PHED 1164 Introduction to Physical Fitness & Wellness	527	85	13	60	56	741
SPAN 1411 Beginning Spanish I (1st semester Spanish, 4-SCH version)	520	100	39	32	35	726
BIOL 2402 Anatomy & Physiology II (lecture + lab)	280	174	174	15	38	681
SPCH 1311 Introduction to Speech Communication	334	175	66	44	44	663
MATH 1316 Plane Trigonometry	367	141	60	44	21	633
MATH 1324 Mathematics for Business & Social Sciences	230	206	108	31	27	602
ACCT 2301 Principles of Financial Accounting (3-SCH version)	323	132	57	16	53	581
CHEM 1411 General Chemistry I (lecture + lab)	246	188	112	7	27	580
HUMA 1301 Introduction to Humanities I	417	75	21	14	51	578
MATH 2413 Calculus I (4-SCH version)	205	183	98	19	11	516
COSC 1301 Introduction to Computing (3-SCH version)	327	100	33	25	22	507
BIOL 1322 Nutrition & Diet Therapy	293	104	64	18	18	497
ECON 2302 Principles of Microeconomics	244	142	56	21	21	484
BUSI 1301 Business Principles	338	58	20	9	37	462
MATH 1414 College Algebra (4-SCH version)	218	90	82	60	7	457
MUSI 1306 Music Appreciation	216	162	38	7	26	449
PSYC 1300 Learning Framework (3-SCH version)	327	22	10	2	88	449
BIOL 2420 Microbiology for Non-Science Majors (lecture + lab)	201	100	88	15	27	431
PHIL 2306 Introduction to Ethics	225	113	27	51	15	431
EDUC 1301 Introduction to the Teaching Profession	239	44	26	8	88	405

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
CHEM 1405 Introductory Chemistry I (lecture + lab)	200	73	48	15	59	395
CHEM 1311 General Chemistry I (lecture)	238	96	20	30	8	392
CHEM 1111 General Chemistry I (lab)	219	65	10	28	35	357
BIOL 1106 Biology for Science Majors Laboratory I (lab)	196	74	19	21	39	349
MATH 1325 Calculus for Business & Social Sciences (3-SCH version)	145	137	30	16	20	348
SPAN 1412 Beginning Spanish II (2nd semester Spanish, 4-SCH version)	258	37	9	17	21	342
SPCH 1318 Interpersonal Communication	240	46	16	12	28	342
BIOL 1407 Biology for Science Majors II (lecture + lab)	200	67	49	8	16	340
BIOL 1408 Biology for Non-Science Majors I (lecture + lab)	109	157	50	1	13	330
MATH 1332 Contemporary Mathematics (Quantitative Reasoning)	139	118	34	11	12	314
BIOL 1308 Biology for Non-Science Majors I (lecture)	198	69	16	10	8	301
MATH 2414 Calculus II (4-SCH version)	121	96	47	25	5	294
ENGL 2311 Technical & Business Writing (single-semester course)	191	52	12	3	12	270
BIOL 1108 Biology for Non-Science Majors Laboratory I (lab)	208	18	4	2	26	258
ACCT 2302 Principles of Managerial Accounting (3-SCH version)	150	58	17	10	18	253
KINE 1164 Introduction to Physical Fitness & Wellness	223	20	4	0	6	253
BIOL 1306 Biology for Science Majors I (lecture)	146	72	12	12	6	248
CHEM 1412 General Chemistry II (lecture + lab)	113	79	39	9	8	248
EDUC 2301 Introduction to Special Populations	175	28	10	4	30	247

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
CRIJ 1301 Introduction to Criminal Justice	172	35	16	15	7	245
BUSI 2301 Business Law	175	39	9	6	8	237
MATH 1350 Mathematics for Teachers I (Fundamentals of Mathematics I)	142	45	27	9	11	234
SPCH 1321 Business & Professional Communication	127	64	10	4	18	223
GEOL 1403 Physical Geology (lecture + lab)	101	84	13	6	10	214
ENGL 2322 British Literature I	125	55	12	7	14	213
BIOL 2301 Anatomy & Physiology I (lecture)	100	56	40	2	14	212
ENGL 2323 British Literature II	144	32	5	4	19	204
BIOL 2101 Anatomy & Physiology I (lab)	118	46	17	3	19	203
DRAM 1310 Theater Appreciation (title change)	115	43	21	8	13	200
ENGR 1201 Introduction to Engineering (single-semester course)	137	24	2	17	18	198
ARTS 1303 Art History I (prehistoric to the 14th century)	118	48	9	8	5	188
DRAM 2366 Film Appreciation	146	28	7	2	5	188
MATH 1351 Mathematics for Teachers II (Fundamentals of Mathematics II)	129	33	14	7	5	188
PSYC 2306 Human Sexuality	135	20	8	12	4	179
BIOL 2404 Anatomy & Physiology (specialized, single-semester course, lecture + lab)	54	62	13	11	36	176
BIOL 1107 Biology for Science Majors Laboratory II (lab)	118	25	7	15	8	173
TECA 1354 Child Growth & Development	106	18	16	5	20	165
CRIJ 1306 Court Systems & Practices	127	13	7	10	7	164
MUSI 1310 American Music	129	22	7	1	5	164

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
ENGL 2327 American Literature I	73	65	12	4	9	163
PHYS 1401 College Physics I (lecture + lab)	87	45	14	11	6	163
MATH 2415 Calculus III (4-SCH version)	118	24	10	6	3	161
COSC 1336 Programming Fundamentals I (3-SCH version)	92	32	5	19	10	158
CRIJ 1310 Fundamentals of Criminal Law	118	16	11	6	7	158
GEOG 1301 Earth Sciences for Non-Science Majors I (lecture)	126	9	5	12	5	157
HIST 2301 Texas History	96	35	6	1	17	155
BIOL 1409 Biology for Non-Science Majors II (lecture + lab)	63	61	11	1	15	151
EDUC 1100 Learning Framework (1-SCH version)	105	13	4	5	18	145
GEOG 1101 Earth Sciences for Non-Science Majors I (lab)	113	12	1	3	13	142
PSYC 2319 Social Psychology	115	10	4	4	9	142
CHEM 1305 Introductory Chemistry I (lecture)	70	31	14	7	15	137
COSC 1436 Programming Fundamentals I (4-SCH version)	84	30	16	3	3	136
CHEM 1112 General Chemistry II (lab)	89	29	2	10	5	135
BIOL 1109 Biology for Non-Science Majors Laboratory II (lab)	116	6	0	2	7	131
PHYS 2125 University Physics Laboratory I (lab)	80	9	7	0	35	131
BCIS 1405 Business Computer Applications (4-SCH version)	78	34	6	0	12	130
COMM 1307 Introduction to Mass Communication	72	25	10	9	8	124
ARTS 1316 Drawing I	89	15	5	6	4	119
GEOG 1103 Physical Geology (lab)	87	14	1	3	14	119
PSYC 2317 Statistical Methods in Psychology	80	23	9	2	5	119

Source: CBM00T

Appendix E: Reason for Credit Denial by Course for Top 100 Most Reported Courses, Spring 2022

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
EDUC 1300 Learning Framework (3-SCH version)	335	47	20	80	367	849
MATH 1314 College Algebra (3-SCH version)	272	300	130	55	54	811
ENGL 1301 Composition I	87	234	299	34	41	695
PSYC 2301 General Psychology	220	175	142	31	67	635
HIST 1301 United States History I	11	287	167	37	34	536
ENGL 1302 Composition II	68	239	168	19	40	534
BIOL 2401 Anatomy & Physiology I (lecture + lab)	109	214	135	18	28	504
PSYC 2314 Lifespan Growth & Development	223	80	47	20	19	389
HIST 1302 United States History II	28	181	131	21	23	384
SOCI 1301 Introduction to Sociology	183	89	50	19	40	381
GOVT 2305 Federal Government (federal Constitution & topics)	8	149	164	24	29	374
GOVT 2306 Texas Government (Texas Constitution & topics)	8	134	115	23	32	312
ECON 2301 Principles of Macroeconomics	133	72	34	20	17	276
SPCH 1315 Public Speaking	126	96	23	3	22	270
BIOL 2402 Anatomy & Physiology II (lecture + lab)	62	104	72	8	19	265
MATH 1342 Elementary Statistical Methods (3-SCH version, freshman level)	88	116	41	7	13	265
MATH 2412 Pre-Calculus Math (4-SCH version)	148	52	27	22	16	265
ARTS 1301 Art Appreciation	112	79	44	7	19	261
BCIS 1305 Business Computer Applications (3-SCH version)	112	59	14	11	40	236

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
BIOL 1406 Biology for Science Majors I (lecture + lab)	70	74	55	9	8	216
SPAN 1411 Beginning Spanish I (1st semester Spanish, 4-SCH version)	97	44	14	15	31	201
SPCH 1311 Introduction to Speech Communication	67	75	25	9	21	197
COSC 1301 Introduction to Computing (3-SCH version)	103	48	14	5	16	186
MATH 1316 Plane Trigonometry	93	49	17	17	9	185
MATH 1414 College Algebra (4-SCH version)	58	52	44	24	3	181
PHIL 1301 Introduction to Philosophy	64	76	20	11	8	179
MATH 1324 Mathematics for Business & Social Sciences	36	56	57	15	12	176
ACCT 2301 Principles of Financial Accounting (3-SCH version)	96	38	14	7	20	175
BIOL 1322 Nutrition & Diet Therapy	94	46	11	9	10	170
BIOL 2420 Microbiology for Non-Science Majors (lecture + lab)	47	66	30	13	13	169
CHEM 1411 General Chemistry I (lecture + lab)	51	60	46	5	5	167
MATH 2413 Calculus I (4-SCH version)	33	62	30	8	6	139
PHED 1164 Introduction to Physical Fitness & Wellness	89	16	2	7	23	137
BUSI 1301 Business Principles	76	14	6	4	31	131
HUMA 1301 Introduction to Humanities I	57	32	11	1	30	131
CHEM 1405 Introductory Chemistry I (lecture + lab)	41	38	12	3	33	127
ECON 2302 Principles of Microeconomics	40	49	22	7	9	127
PHIL 2306 Introduction to Ethics	41	51	11	11	5	119
EDUC 1301 Introduction to the Teaching Profession	46	15	6	5	44	116
MUSI 1306 Music Appreciation	43	38	12	1	13	107
BIOL 2301 Anatomy & Physiology I (lecture)	14	37	26	1	27	105

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
PSYC 1300 Learning Framework (3-SCH version)	52	2	4	4	42	104
MATH 1325 Calculus for Business & Social Sciences (3-SCH version)	35	43	12	10	2	102
SPCH 1318 Interpersonal Communication	57	23	5	3	13	101
MATH 1332 Contemporary Mathematics (Quantitative Reasoning)	35	29	16	6	9	95
ENGL 2311 Technical & Business Writing (single-semester course)	56	18	5	1	14	94
CRIJ 1301 Introduction to Criminal Justice	53	15	10	5	4	87
MATH 2414 Calculus II (4-SCH version)	21	28	22	10	5	86
CHEM 1311 General Chemistry I (lecture)	19	44	13	5	4	85
SPAN 1412 Beginning Spanish II (2nd semester Spanish, 4-SCH version)	44	9	3	5	23	84
EDUC 1100 Learning Framework (1-SCH version)	41	4	1	1	36	83
BIOL 1408 Biology for Non-Science Majors I (lecture + lab)	23	40	15	0	2	80
BIOL 1106 Biology for Science Majors Laboratory I (lab)	30	20	1	14	14	79
CHEM 1111 General Chemistry I (lab)	23	24	5	12	15	79
KINE 1164 Introduction to Physical Fitness & Wellness	59	8	2	0	4	73
BIOL 1407 Biology for Science Majors II (lecture + lab)	30	17	14	6	5	72
BIOL 2101 Anatomy & Physiology I (lab)	16	25	10	3	18	72
CHEM 1412 General Chemistry II (lecture + lab)	27	19	16	3	3	68
SPCH 1321 Business & Professional Communication	37	19	5	0	7	68
BIOL 1308 Biology for Non-Science Majors I (lecture)	25	28	7	4	2	66

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
ENGR 1201 Introduction to Engineering (single-semester course)	42	6	6	6	6	66
BIOL 1108 Biology for Non-Science Majors Laboratory I (lab)	40	9	4	0	11	64
ENGL 2327 American Literature I	23	21	4	1	14	63
ACCT 2302 Principles of Managerial Accounting (3-SCH version)	17	19	7	4	15	62
BIOL 1107 Biology for Science Majors Laboratory II (lab)	43	5	0	9	5	62
CRIJ 1306 Court Systems & Practices	46	8	2	3	2	61
ENGL 2322 British Literature I	28	16	5	5	6	60
SOCI 2301 Marriage & the Family	48	5	1	0	6	60
PHYS 1401 College Physics I (lecture + lab)	33	14	4	4	4	59
GEOL 1403 Physical Geology (lecture + lab)	24	22	6	1	4	57
EDUC 2301 Introduction to Special Populations	27	8	5	3	13	56
BIOL 1306 Biology for Science Majors I (lecture)	18	19	4	8	6	55
ENGL 2323 British Literature II	34	10	1	3	6	54
PSYC 2306 Human Sexuality	40	6	2	5	1	54
MATH 1350 Mathematics for Teachers I (Fundamentals of Mathematics I)	29	12	8	1	3	53
BIOL 1109 Biology for Non-Science Majors Laboratory II (lab)	36	1	0	3	11	51
BIOL 2404 Anatomy & Physiology (specialized, single-semester course, lecture + lab)	16	16	2	3	14	51
DRAM 1310 Theater Appreciation (title change)	22	15	5	1	8	51
ARTS 1316 Drawing I	40	2	2	2	2	48
SOCI 1306 Social Problems	27	13	4	1	2	47

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Max. Transfer Hours	Other	Total
MATH 1351 Mathematics for Teachers II (Fundamentals of Mathematics II)	26	9	5	1	5	46
BIOL 1409 Biology for Non-Science Majors II (lecture + lab)	16	19	5	0	5	45
BIOL 2320 Microbiology for Non-Science Majors (lecture)	14	12	8	1	10	45
CRIJ 2328 Police Systems & Practices	33	2	4	2	4	45
KINE 1306 First Aid	40	2	0	1	2	45
CHEM 1305 Introductory Chemistry I (lecture)	10	13	4	4	13	44
CRIJ 2313 Correctional Systems & Practices	32	5	4	2	1	44
BIOL 2102 Anatomy & Physiology II (lab)	6	13	8	3	13	43
BIOL 2421 Microbiology for Science Majors (lecture + lab)	20	18	2	1	2	43
CRIJ 1310 Fundamentals of Criminal Law	29	7	2	1	4	43
ARTS 1303 Art History I (prehistoric to the 14th century)	18	11	4	4	5	42
ASTR 1103 Stars and Galaxies Laboratory (lab)	40	0	0	1	0	41
ENGL 2332 World Literature I	18	11	1	4	7	41
MATH 2415 Calculus III (4-SCH version)	23	6	4	4	4	41
PHYS 1115 Physical Science Laboratory I (lab)	34	2	0	0	5	41
BIOL 1307 Biology for Science Majors II (lecture)	25	7	0	5	3	40
ENGL 2328 American Literature II	13	14	2	1	10	40
CHEM 1105 Introductory Chemistry Laboratory I (lab)	9	5	0	9	16	39
COSC 1336 Programming Fundamentals I (3- SCH version)	21	5	6	3	4	39
KINE 1301 Foundations of Kinesiology	30	0	2	3	2	37

Source: CBM00T

Appendix F: Statewide Public Two-year Institution Courses for Transfer and Associate Degree Graduates, FY 2021

Course Type		Course Counts and Completion Percentages by Student Degree and Transfer Status		
		Received Associate Degree/Did Not Transfer	Transferred/Did Not Receive Associate Degree ²	Received Associate Degree and Transferred
Academic Courses from the ACGM	# Courses Attempted	1,027,226	470,530	281,319
	# Courses Completed ¹	934,151 (90.9%)	413,078 (87.8%)	257,137 (91.4%)
Workforce Courses from the WECM	# Courses Attempted	286,505	31,174	21,560
	# Courses Completed ¹	271,704 (94.8%)	28,128 (90.2%)	20,101 (93.2%)
Courses Not in ACGM or WECM	# Courses Attempted	32,076	10,607	9,035
	# Courses Completed ¹	30,549 (95.2%)	9,919 (93.5%)	8,699 (96.3%)
Non-Core Courses	# Courses Attempted	489,252	115,189	84,099
	# Courses Completed ¹	458,323 (93.7%)	103,054 (89.5%)	78,488 (93.3%)
College Courses Taken for Dual Credit Before Traditional Transfer	# Courses Attempted	214,206	32,711	17,062
	# Courses Completed ¹	207,340 (96.8%)	30,844 (94.3%)	16,333 (95.7%)

Source: CBM001, CBM009, CBM00S, and CBM00N

¹ Includes courses passed with a grade of A, B, C, D, or pass.

² This category does not include dual credit students who directly enrolled in a four-year institution from high school. These students may be included elsewhere in this table if they completed an associate degree before enrolling in the four-year institution.

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