

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

March 2024

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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.

Agency Philosophy

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.

Efficiency: We accomplish our work using resources in the most effective manner.

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

Excellence: We strive for excellence in all our endeavors.

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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), 13,607 students who transferred to a university from a two-year public institution in fall 2022 did not receive course credit for at least one of their courses taken at a two-year institution. In spring 2023, 5,483 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 48% (fall) and 45% (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, EDUC 1300 (Learning Framework) and MATH 1314 (College Algebra) were the top two courses with course denial. Across both semesters, EDUC 1300 was most frequently denied credit because it was outside the degree requirement, while MATH 1314 had similar percentages for not meeting the minimum grade requirement and falling outside the degree requirement. Among the rest of the top five courses with course denial, 60% of PSYC 2301 (General Psychology) courses were outside the degree requirement and did not meet the minimum grade requirement. Finally, ENGL 1301 (Composition I) and ENGL 1302 (Composition II) had higher course denials because of not meeting the minimum grade requirement and being a repeated course.

Findings from this report are valuable for understanding transfer patterns and potential challenges facing transfer students. 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.

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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 ApplyTexas 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 February 2024, all 37 Texas four-year institutions submitted information for fall 2022 and spring 2023 to the THECB. The data only include applicable courses from first-time transfer students enrolling in fall 2022 or spring 2023. 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 2022 statewide data show that 49,730 courses were denied credit at the receiving public four-year institution, impacting 13,607 students. Additionally, spring 2023 statewide data revealed that 21,406 courses were denied credit at the receiving four-year institution, impacting 5,483 students. The most frequently reported reason for credit denial across both semesters was the course being outside the degree requirement (43.2% in fall and spring).

Table 1. Frequency and Percentage of Credit Denial Across All General Academic Teaching Institutions, Fall 2022 and Spring 2023

Credit Denial Reason	Fall 2022		Spring 2023	
	Frequency	%	Frequency	%
Course Outside the Degree Requirement	21,465	43.2	9,256	43.2
Minimum Grade Requirement	12,487	25.1	5,801	27.1
Repeated Course	7,003	14.1	2,779	13.0
Exceeded Maximum Transfer Hours	1,922	3.9	1,018	4.8
Other	6,853	13.8	2,552	11.9
Total	49,730	100	21,406	100

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 48% in the fall and 45% in the spring. Another 19.9% and 22.6% of students in the fall and spring semesters had 6 or more courses that were not accepted for credit. For the fall semester, the average number of courses per student was around 3.7 with a median of 3 courses. For the spring semester, the average number of courses per student was around 3.9, with a median of 3 courses.

Table 2. Number of Course Denials Per Student, Fall 2022 and Spring 2023

Number of Course Denials Per Student	Fall 2022		Spring 2023	
	Frequency	%	Frequency	%
1	3,962	29.1	1,474	26.9
2	2,615	19.2	983	17.9
3	1,897	13.9	762	13.9
4	1,423	10.5	575	10.5
5	999	7.3	450	8.2
6 or more	2,711	19.9	1,239	22.6
Total ¹	13,607	100.0	5,483	100.0

Source: CBM00T

¹Students may be counted at more than one institution in the same semester. Some students are counted using student IDs assigned by the institution. The number of course denials is per student per institution. The total is unique by student and institution and not an unduplicated count of unique students overall.

Tables 3 and 4 show the top five courses denied credit in fall 2022 and spring 2023, with a complete list of courses and their reason for credit denial provided in Appendix D and Appendix E. Across both semesters, EDUC 1300 (Learning Framework), MATH 1314 (College Algebra), ENGL 1301 (Composition I), ENGL 1302 (Composition II), and PSYC 2301 (General Psychology)

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 both semesters, Education 1300 and MATH 1314 were the courses with the most frequent denials. EDUC 1300 and PSYC 2301 were most frequently denied credit for “course outside degree requirement.” The second most frequent denial reason for EDUC 1300 was “other.” MATH 1314 had a slightly higher denial rate of “did not meet minimum grade requirement,” then “outside degree requirement” in both semesters.

In the fall semester, ENGL 1301 denials were due to “repeated course” and a close second of “did not meet minimum grade requirement.” In the spring semester, these top two denial reasons were flipped. For ENGL 1302, the fifth most frequently denied course in both fall and spring semester, the most frequent denial reason was “did not meet minimum grade requirement,” making up almost half of the reported denial reasons.

Table 3. Top 5 Courses Denied Credit and Reasons for Denial, Fall 2022

Full Course Name	Outside Degree Requirement	Did Not Meet Minimum Grade Requirement	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
EDUC 1300 - Learning Framework	1,159 (52.2%)	104 (4.7%)	43 (1.9%)	162 (7.3%)	751 (33.8%)	2,219
MATH 1314 - College Algebra	646 (30.9%)	764 (36.5%)	320 (15.3%)	100 (4.8%)	263 (12.6%)	2,093
PSYC 2301 - General Psychology	588 (36.9%)	374 (23.5%)	313 (19.6%)	66 (4.1%)	253 (15.9%)	1,594
ENGL 1301 - Composition I	147 (9.3%)	583 (37.0%)	613 (38.9%)	50 (3.2%)	184 (11.7%)	1,577
ENGL 1302 - Composition II	219 (15.4%)	623 (43.9%)	373 (26.3%)	30 (2.1%)	175 (12.3%)	1,420

Source: CBM00T

Table 4. Top 5 Courses Denied Credit and Reasons for Denial, Spring 2023

Full Course Name	Outside Degree Requirement	Did Not Meet Minimum Grade Requirement	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
EDUC 1300 - Learning Framework	514 (52.0%)	62 (6.3%)	29 (2.9%)	76 (7.7%)	308 (31.1%)	989
MATH 1314 - College Algebra	304 (35.4%)	304 (35.4%)	121 (14.1%)	56 (6.5%)	73 (8.5%)	858
ENGL 1301 - Composition I	59 (8.1%)	298 (40.8%)	275 (37.7%)	18 (2.5%)	80 (11.0%)	730
PSYC 2301 - General Psychology	253 (36.6%)	178 (25.7%)	144 (20.8%)	33 (4.8%)	84 (12.1%)	692
ENGL 1302 - Composition II	81 (13.3%)	291 (47.9%)	157 (25.8%)	17 (2.8%)	62 (10.2%)	608

Source: CBM00T

CBM Transfer Report Data Collection Considerations

Fall 2022 was the fourth year of data collection for the CBM00T. Institutions provided information on courses that were denied transfer credit in fall 2022 and spring 2023.

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 *Workforce Education Course Manual* (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) 2022: (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 17,000, and around 25,000 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 69,000 and 94,000, 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 10 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 2022

	Average Number of SCHs Completed at Public Two-Year Colleges	
	Transferred, Did Not Earn Associate (n=28,217)	Earned Associate and Transferred (n=13,017)
All Courses	43.1	59.4
ACGM Courses	39.9	54.6
WECM Courses	2.6	3.8
Course not ACGM or WECM	0.5	0.9
Core Courses	33.6	44.6
Non-Core Courses	9.5	14.8
College Courses	39.8	55.4
Dual Credit Courses	3.3	3.9

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 program, more than sixty-six (66) semester credit hours 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 Students, and Transfer Students
With Course Credit from a Two-Year College, Fall 2022**

Institution Name	Total Courses Denied Credit	Students With Denied Course Credit	Transfer Students With Course Credit From a Two-Year College (Including Dual Credit) ¹
Angelo State University	94	49	796
Lamar University	0	0	909
Midwestern State University	1,266	238	571
Prairie View A&M University	279	184	741
Sam Houston State University	3,330	1,031	2,370
Stephen F. Austin State University	1,327	368	1,241
Sul Ross State University	198	55	123
Sul Ross State University Rio Grande College	562	107	129
Tarleton State University	2,061	507	2,082
Texas A&M International University	829	239	1,053
Texas A&M University	4,762	1,409	6,335
Texas A&M University at Galveston	222	44	309
Texas A&M University-Central Texas	1,831	126	270
Texas A&M University-Commerce	1,031	400	1,010
Texas A&M University-Corpus Christi	1,010	271	1,178
Texas A&M University-Kingsville	1,293	189	711
Texas A&M University-San Antonio	1,838	500	847
Texas A&M University-Texarkana	569	168	300
Texas Southern University	251	73	319
Texas State University	2,766	681	4,161
Texas Tech University	188	79	4,020
Texas Woman's University	3,274	700	1,225
The University of Texas Permian Basin	961	277	670
The University of Texas at Arlington	2,224	477	3,887
The University of Texas at Austin	164	103	3,591
The University of Texas at Dallas	705	419	2,665
The University of Texas at El Paso	2,201	667	1,935
The University of Texas at San Antonio	2,837	882	3,994
The University of Texas at Tyler	963	283	1,194
The University of Texas-Rio Grande Valley	2,976	571	3,307
University of Houston	2,668	965	4,726

Institution Name	Total Courses Denied Credit	Students With Denied Course Credit		Transfer Students With Course Credit From a Two-Year College (Including Dual Credit) ¹
University of Houston-Clear Lake	468	236		1,008
University of Houston-Downtown	469	272		1,668
University of Houston-Victoria	1,475	273		370
University of North Texas	1,948	591		4,212
University of North Texas at Dallas	690	173		402
West Texas A&M University	0	0		1,166
Total	49,730	13,607 ²		65,495

Source: CBM00T, CBM001

¹Includes students reported as first-time transfers at a university with a Federal Interagency Committee of Education 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.

²Students may be counted at more than one institution in the same semester. Some students are counted using student IDs assigned by the institution. The total is unique by student and institution, and not an unduplicated count of unique students overall.

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Appendix C: Institutional Breakdown of Number of Courses Denied Credit, Number of Students, and Transfer Students With Course Credit from a Two-Year College, Spring 2023

Institution Name	Total Courses Denied Credit	Students With Denied Course Credit	Transfer Students With Course Credit From a Two-Year College (Including Dual Credit) ¹
Angelo State University	21	9	113
Lamar University	426	149	304
Midwestern State University	569	116	141
Prairie View A&M University	0	0	119
Sam Houston State University	1,359	409	575
Stephen F. Austin State University	0	0	202
Sul Ross State University	55	14	17
Sul Ross State University Rio Grande College	262	48	56
Tarleton State University	1,002	212	414
Texas A&M International University	445	127	220
Texas A&M University	2,053	543	757
Texas A&M University at Galveston	82	15	16
Texas A&M University-Central Texas	1,019	81	149
Texas A&M University-Commerce	0	0	300
Texas A&M University-Corpus Christi	0	0	237
Texas A&M University-Kingsville	376	66	81
Texas A&M University-San Antonio	823	235	265
Texas A&M University-Texarkana	6	1	97
Texas Southern University	32	18	108
Texas State University	1,072	227	554
Texas Tech University	8	2	357
Texas Woman's University	0	0	442
The University of Texas Permian Basin	491	126	178
The University of Texas at Arlington	1,676	345	1,209
The University of Texas at Austin	43	34	208
The University of Texas at Dallas	0	0	520
The University of Texas at El Paso	1,396	437	623
The University of Texas at San Antonio	1,701	520	1,054
The University of Texas at Tyler	469	154	357

Institution Name	Total Courses Denied Credit	Students With Denied Course Credit	Transfer Students With Course Credit From a Two-Year College (Including Dual Credit) ¹
The University of Texas-Rio Grande Valley	2,071	381	547
University of Houston	1,050	391	1,193
University of Houston-Clear Lake	0	0	488
University of Houston-Downtown	274	151	855
University of Houston-Victoria	1,044	210	243
University of North Texas	1,044	306	1,045
University of North Texas at Dallas	364	81	150
West Texas A&M University	173	75	302
Total	21,406	5,483 ²	14,496

Source: CBM00T, CBM00I

¹Includes students reported as first-time transfers at a university with a Federal Interagency Committee of Education 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.

²Students may be counted at more than one institution in the same semester. Some students are counted using student IDs assigned by the institution. The total is unique by student and institution, and not an unduplicated count of unique students overall.

Appendix D: Reason for Credit Denial by Course for Top 100 Most Reported Courses, Fall 2022

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
EDUC 1300 - Learning Framework (3-SCH version)	1,159	104	43	162	751	2,219
MATH 1314 - College Algebra (3-SCH version)	646	764	320	100	263	2,093
PSYC 2301 - General Psychology	588	374	313	66	253	1,594
ENGL 1301 - Composition I	147	583	613	50	184	1,577
ENGL 1302 - Composition II	219	623	373	30	175	1,420
HIST 1301 - United States History I	60	638	433	40	174	1,345
BIOL 2401 - Anatomy & Physiology I (lecture + lab)	270	440	279	26	109	1,124
HIST 1302 - United States History II	94	465	362	25	143	1,089
GOVT 2305 - Federal Government (Federal constitution & topics)	51	418	382	37	162	1,050
GOVT 2306 - Texas Government (Texas constitution & topics)	29	376	298	27	157	887
SOCI 1301 - Introduction to Sociology	380	214	135	31	127	887
MATH 2412 - Pre-Calculus Math (4-SCH version)	576	153	78	42	38	887
PSYC 2314 - Lifespan Growth & Development	528	146	96	21	92	883
BIOL 1406 - Biology for Science Majors I (lecture + lab)	344	210	133	8	60	755
ECON 2301 - Principles of Macroeconomics	322	201	107	22	100	752
MATH 1342 - Elementary Statistical Methods (3-SCH version, freshman level)	210	294	103	22	84	713
ARTS 1301 - Art Appreciation	298	170	110	19	63	660
SPCH 1315 - Public Speaking	277	211	66	11	94	659
SPCH 1311 - Introduction to Speech Communication	287	180	66	24	90	647
SPAN 1411 - Beginning Spanish I (1st semester Spanish, 4-SCH version)	373	106	31	16	111	637
BIOL 2402 - Anatomy & Physiology II (lecture + lab)	177	214	150	17	55	613

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
BCIS1305 - Business Computer Applications (3-SCH version)	333	126	53	22	79	613
PHED 1164 - Introduction to Physical Fitness & Wellness	376	58	18	33	42	527
MATH 1316 - Plane Trigonometry	295	129	46	19	36	525
PHIL 1301 - Introduction to Philosophy	197	182	56	25	58	518
MATH 1324 - Mathematics for Business & Social Sciences	105	197	133	23	48	506
CHEM 1411 - General Chemistry I (lecture + lab)	190	170	78	6	39	483
MATH 1414 - College Algebra (4-SCH version)	287	77	74	22	20	480
ACCT 2301 - Principles of Financial Accounting (3-SCH version)	222	97	56	17	72	464
COSC 1301 - Introduction to Computing (3-SCH version)	280	82	32	12	54	460
BIOL 1322 - Nutrition & Diet Therapy	244	86	44	24	37	435
BIOL 2420 - Microbiology for Non-Science Majors (lecture + lab)	152	124	66	11	36	389
BUSI 1301 - Business Principles	247	58	15	4	54	378
MATH 2413 - Calculus I (4-SCH version)	105	137	81	15	23	361
EDUC 1301 - Introduction to the Teaching Profession	166	41	20	8	100	335
HUMA 1301 - Introduction to Humanities I	182	76	25	12	39	334
MUSI 1306 - Music Appreciation	136	122	35	5	30	328
ECON 2302 - Principles of Microeconomics	111	105	43	10	52	321
CHEM 1405 - Introductory Chemistry I (lecture + lab)	155	72	29	2	63	321
SPAN 1412 - Beginning Spanish II (2nd semester Spanish, 4-SCH version)	202	27	7	8	61	305
PHIL 2306 - Introduction to Ethics	138	81	21	19	35	294
BIOL 1408 - Biology for Non-Science Majors I (lecture + lab)	90	99	35	0	58	282
MATH 1325 - Calculus for Business & Social Sciences (3-SCH version)	88	109	33	9	29	268
BIOL 1407 - Biology for Science Majors II (lecture + lab)	132	71	38	2	19	262

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
MATH 1332 - Contemporary Mathematics (Quantitative Reasoning)	80	102	28	5	33	248
SPCH 1318 - Interpersonal Communication	156	37	12	7	35	247
SPCH 1321 - Business & Professional Communication	128	55	21	9	23	236
BIOL 1106 - Biology for Science Majors Laboratory I (lab)	88	63	24	20	38	233
MATH 2414 - Calculus II (4-SCH version)	46	89	64	16	16	231
CHEM 1311 - General Chemistry I (lecture)	86	80	28	19	15	228
CRIJ 1301 - Introduction to Criminal Justice	123	39	27	5	26	220
EDUC 2301 - Introduction to Special Populations	128	18	17	6	32	201
ENGL 2311 - Technical & Business Writing (single-semester course)	108	56	14	4	14	196
CHEM 1111 - General Chemistry I (lab)	72	54	20	24	25	195
CHEM 1412 - General Chemistry II (lecture + lab)	77	57	34	3	16	187
ACCT 2302 - Principles of Managerial Accounting (3-SCH version)	69	49	15	9	39	181
KINE 1164 - Introduction to Physical Fitness & Wellness	146	19	5	2	9	181
ENGR 1201 - Introduction to Engineering (single-semester course)	109	11	7	25	13	165
CRIJ 1310 - Fundamentals of Criminal Law	118	11	12	5	18	164
ENGL 2322 - British Literature I	86	46	5	2	23	162
BIOL 2301 - Anatomy & Physiology I (lecture)	28	49	51	0	32	160
CRIJ 1306 - Court Systems & Practices	116	12	6	4	18	156
BIOL 2101 - Anatomy & Physiology I (lab)	45	38	34	1	37	155
GEOL 1403 - Physical Geology (lecture + lab)	59	63	16	1	13	152
PSYC 1300 - Learning Framework (3-SCH version)	58	13	8	0	70	149
ENGL 2327 - American Literature I	59	44	10	5	29	147
PSYC 2306 - Human Sexuality	103	17	5	13	8	146

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
BIOL 1308 - Biology for Non-Science Majors I (lecture)	50	46	12	5	31	144
ENGL 2323 - British Literature II	100	20	6	7	11	144
EDUC 1100 - Learning Framework (1-SCH version)	97	5	4	4	28	138
MATH 2415 - Calculus III (4-SCH version)	92	22	20	1	2	137
BIOL 1409 - Biology for Non-Science Majors II (lecture + lab)	53	41	10	1	30	135
MATH 1350 - Mathematics for Teachers I (Fundamentals of Mathematics I)	56	30	21	2	26	135
PHYS 1401 - College Physics I (lecture + lab)	60	37	19	3	12	131
CRIJ 2313 - Correctional Systems & Practices	95	11	7	4	12	129
BIOL 1306 - Biology for Science Majors I (lecture)	26	51	24	14	13	128
HIST 2301 - Texas History	42	38	10	5	33	128
COSC 1436 - Programming Fundamentals I (4-SCH version)	73	28	18	0	8	127
DRAM 1310 - Theater Appreciation (title change)	64	30	10	7	15	126
MATH 1351 - Mathematics for Teachers II (Fundamentals of Mathematics II)	62	27	7	3	24	123
COSC 1336 - Programming Fundamentals I (3-SCH version)	85	11	4	14	8	122
TECA 1354 - Child Growth & Development	67	12	10	1	31	121
CRIJ 2328 - Police Systems & Practices	93	6	7	3	12	121
PSYC 2319 - Social Psychology	91	12	4	2	9	118
MUSI 1310 - American Music	70	20	5	2	15	112
BUSI 2301 - Business Law	76	14	6	3	11	110
BIOL 1108 - Biology for Non-Science Majors Laboratory I (lab)	69	12	2	1	25	109
KINE 1301 - Foundations of Kinesiology	82	4	11	10	1	108
ARTS 1303 - Art History I (Prehistoric to the 14th century)	48	24	17	1	17	107

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
GEOG 1303 - World Regional Geography	53	24	6	8	14	105
KINE 1306 - First Aid & Safety	89	3	3	3	5	103
COMM 1307 - Introduction to Mass Communication	61	11	16	2	12	102
MATH 1442 - Elementary Statistical Methods (4-SCH version, freshman level)	53	27	8	1	12	101
BIOL 1107 - Biology for Science Majors Laboratory II (lab)	66	14	3	6	12	101
BIOL 2404 - Anatomy & Physiology (specialized, single-semester course, lecture + lab)	28	29	8	6	27	98
SOCI 1306 - Social Problems	64	12	3	0	18	97
CHEM 1406 - Introductory Chemistry I (lecture + lab, allied health emphasis)	27	34	15	0	16	92
CHEM 1305 - Introductory Chemistry I (lecture)	30	25	8	5	24	92
ENGR 1304 - Engineering Graphics I (3-SCH version)	56	7	4	4	21	92
HUMA 1315 - Fine Arts Appreciation	23	19	7	2	39	90

Source: CBM00T

Appendix E: Reason for Credit Denial by Course for Top 100 Most Reported Courses, Spring 2023

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
EDUC 1300 - Learning Framework (3-SCH version)	514	62	29	76	308	989
MATH1 314 - College Algebra (3-SCH version)	304	304	121	56	73	858
ENGL 1301 - Composition I	59	298	275	18	80	730
PSYC 2301 - General Psychology	253	178	144	33	84	692
ENGL 1302 - Composition II	81	291	157	17	62	608
HIST 1301 - United States History I	14	303	163	9	81	570
BIOL 2401 - Anatomy & Physiology I (lecture + lab)	134	194	116	14	45	503
GOVT 2305 - Federal Government (Federal constitution & topics)	20	201	161	27	64	473
HIST 1302 - United States History II	34	193	136	18	79	460
SOCI 1301 - Introduction to Sociology	186	106	71	23	46	432
PSYC 2314 - Lifespan Growth & Development	236	79	43	10	37	405
GOVT 2306 - Texas Government (Texas constitution & topics)	14	197	110	10	63	394
ARTS 1301 - Art Appreciation	165	88	56	10	24	343
ECON 2301 - Principles of Macroeconomics	164	81	34	21	39	339
MATH 2412 - Pre-Calculus Math (4-SCH version)	199	77	25	21	11	333
MATH 1342 - Elementary Statistical Methods (3-SCH version, freshman level)	78	143	29	17	24	291
SPCH 1315 - Public Speaking	135	74	25	4	38	276
BCIS 1305 - Business Computer Applications (3-SCH version)	170	60	7	5	29	271
SPCH 1311 - Introduction to Speech Communication	119	73	31	9	31	263
BIOL 2402 - Anatomy & Physiology II (lecture + lab)	81	104	51	9	17	262
SPAN 1411 - Beginning Spanish I (1st semester Spanish, 4-SCH version)	186	40	5	6	17	254
BIOL 1406 - Biology for Science Majors I (lecture + lab)	70	106	49	7	18	250

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
PHIL 1301 - Introduction to Philosophy	88	94	25	16	19	242
MATH 1324 - Mathematics for Business & Social Sciences	69	78	56	11	20	234
ACCT 2301 - Principles of Financial Accounting (3-SCH version)	122	46	21	9	35	233
MATH 1414 - College Algebra (4-SCH version)	107	46	45	21	7	226
COSC1301 - Introduction to Computing (3-SCH version)	123	32	16	10	21	202
CHEM 1411 - General Chemistry I (lecture + lab)	62	79	34	8	13	196
BIOL 2420 - Microbiology for Non-Science Majors (lecture + lab)	49	71	28	12	22	182
BIOL 1322 - Nutrition & Diet Therapy	92	51	16	9	8	176
MATH 1316 - Plane Trigonometry	91	56	13	10	4	174
MATH 2413 - Calculus I (4-SCH version)	48	63	37	8	14	170
PHED 1164 - Introduction to Physical Fitness & Wellness	107	25	5	14	16	167
HUMA 1301 - Introduction to Humanities I	95	31	5	7	23	161
BUSI 1301 - Business Principles	91	28	8	3	25	155
MUSI 1306 - Music Appreciation	53	48	13	8	25	147
ECON 2302 - Principles of Microeconomics	58	46	14	5	23	146
SPCH 1318 - Interpersonal Communication	66	27	7	10	24	134
MATH 1332 - Contemporary Mathematics (Quantitative Reasoning)	49	63	6	2	8	128
EDUC 1301 - Introduction to the Teaching Profession	68	14	10	4	29	125
BIOL 1407 - Biology for Science Majors II (lecture + lab)	49	35	17	6	8	115
SPAN 1412 - Beginning Spanish II (2nd semester Spanish, 4-SCH version)	90	9	2	5	6	112
PHIL 2306 - Introduction to Ethics	42	37	5	8	19	111
CRIJ 1301 - Introduction to Criminal Justice	62	17	15	2	8	104
CHEM 1405 - Introductory Chemistry I (lecture + lab)	44	25	15	1	17	102

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
SPCH 1321 - Business & Professional Communication	56	26	6	5	9	102
BIOL1 408 - Biology for Non-Science Majors I (lecture + lab)	27	42	17	1	14	101
MATH 1325 - Calculus for Business & Social Sciences (3-SCH version)	33	34	18	7	9	101
ENGL 2311 - Technical & Business Writing (single-semester course)	52	22	11	6	8	99
CHEM 1111 - General Chemistry I (lab)	39	24	8	14	13	98
MATH 2414 - Calculus II (4-SCH version)	20	45	18	8	6	97
CHEM 1311 - General Chemistry I (lecture)	23	36	10	12	7	88
CHEM 1412 - General Chemistry II (lecture + lab)	34	28	16	0	8	86
ACCT 2302 - Principles of Managerial Accounting (3-SCH version)	36	22	5	4	16	83
BIOL 2301 - Anatomy & Physiology I (lecture)	24	30	21	0	6	81
KINE 1164 - Introduction to Physical Fitness & Wellness	65	13	0	0	2	80
BIOL 1106 - Biology for Science Majors Laboratory I (lab)	35	24	4	6	8	77
ENGL 2322 - British Literature I	42	19	1	3	11	76
EDUC 2301 - Introduction to Special Populations	43	11	6	3	9	72
ENGR 1201 - Introduction to Engineering (single-semester course)	48	8	1	9	4	70
BIOL 2101 - Anatomy & Physiology I (lab)	27	19	14	2	7	69
ENGL 2323 - British Literature II	41	8	4	5	10	68
BIOL 2404 - Anatomy & Physiology (specialized, single-semester course, lecture + lab)	17	29	4	2	15	67
GEOL 1403 - Physical Geology (lecture + lab)	19	30	10	0	8	67
MATH 1350 - Mathematics for Teachers I (Fundamentals of Mathematics I)	36	12	10	4	3	65
BIOL 1306 - Biology for Science Majors I (lecture)	19	28	10	4	3	64
ENGL 2327 - American Literature I	23	23	2	2	14	64

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
COSC 1436 - Programming Fundamentals I (4-SCH version)	35	13	7	2	7	64
BIOL1308 - Biology for Non-Science Majors I (lecture)	27	18	7	4	7	63
PHYS 1401 - College Physics I (lecture + lab)	27	21	6	4	5	63
ARTS 1303 - Art History I (Prehistoric to the 14th century)	27	20	6	1	8	62
DRAM 1310 - Theater Appreciation (title change)	27	22	2	3	8	62
CRIJ 1306 - Court Systems & Practices	46	7	0	2	6	61
CRIJ 1310 - Fundamentals of Criminal Law	41	6	4	3	5	59
BUSI 2301 - Business Law	37	9	5	1	6	58
TECA 1354 - Child Growth & Development	45	4	2	0	7	58
PSYC 2306 - Human Sexuality	45	7	1	3	1	57
PSYC 1300 - Learning Framework (3-SCH version)	23	4	2	0	27	56
BIOL 1107 - Biology for Science Majors Laboratory II (lab)	43	7	0	3	2	55
HIST 2301 - Texas History	19	11	8	1	14	53
MATH 1351 - Mathematics for Teachers II (Fundamentals of Mathematics II)	29	10	5	4	5	53
COSC 1336 - Programming Fundamentals I (3-SCH version)	32	6	2	8	5	53
BIOL 1108 - Biology for Non-Science Majors Laboratory I (lab)	38	4	1	2	8	53
PHIL 2303 - Introduction to Formal Logic	22	18	3	3	6	52
PSYC 2319 - Social Psychology	41	6	0	2	3	52
KINE 1301 - Foundations of Kinesiology	47	2	2	0	1	52
EDUC 1100 - Learning Framework (1-SCH version)	22	5	2	3	19	51
ARTS 1316 - Drawing I	36	5	1	3	4	49
CRIJ 2328 - Police Systems & Practices	37	5	2	0	4	48
MUSI 1310 - American Music	27	13	2	0	4	46

Course Name	Course Outside the Degree Req.	Min. Grade Req.	Repeated Course	Exceeded Maximum Transfer Hours	Other	Total
BIOL 2102 - Anatomy & Physiology II (lab)	19	9	9	3	5	45
SOCI 2301 - Marriage & the Family	31	6	1	2	5	45
ENGL 2341 - Forms of Literature (single-semester course)	24	15	4	0	1	44
BIOL 1409 - Biology for Non-Science Majors II (lecture + lab)	19	15	4	0	5	43
BIOL 2421 - Microbiology for Science Majors (lecture + lab)	21	13	1	6	2	43
ENGL 2332 - World Literature I	24	14	0	2	3	43
MATH 2415 - Calculus III (4-SCH version)	26	11	3	2	1	43
HUMA 1315 - Fine Arts Appreciation	12	6	1	1	21	41
CRIJ 2313 - Correctional Systems & Practices	31	2	4	1	3	41
KINE 1306 - First Aid & Safety	36	1	1	1	2	41

Source: CBM00T

Appendix F: Statewide Public Two-Year Institution Courses for Transfer and Associate-Degree Graduates, FY 2022

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	# of Courses Attempted	993,858	419,153	255,736
	# of Courses Completed ¹	902,345 (90.6%)	366,902 (87.2%)	233,226 (91.0%)
Workforce Courses from the WECM	# of Courses Attempted	278,915	28,378	18,268
	# of Courses Completed ¹	266,104 (95.3%)	25,476 (89.7%)	16,981 (93.0%)
Courses Not in ACGM or WECM	# of Courses Attempted	30,251	9,483	7,830
	# of Courses Completed ¹	28,760 (95.0%)	8,828 (92.7%)	7,511 (95.6%)
Non-Core Courses	# of Courses Attempted	471,926	105,269	74,365
	# of Courses Completed ¹	443,304 (93.8%)	94,119 (89.0%)	69,101 (92.6%)
College Courses Taken for Dual Credit Before Traditional Transfer	# of Courses Attempted	221,320	32,614	17,718
	# of Courses Completed ¹	213,295 (96.3%)	30,644 (93.9%)	16,854 (95.1%)

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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