Context

This briefing contains high level enrollment and outcomes trends for online courses at City, Mesa, and Miramar Colleges through the 2019-20 academic year. Also included are overall success and course completion comparisons for Spring terms to demonstrate the impact of COVID-19, as well as outcomes for Emergency DE Addendum courses in Fall 2020.

Unless otherwise noted, "online enrollments" for the 2019/20 academic year include all sections originally scheduled online. In Spring 2020, SDCCD moved all instruction online as of March 17th, 2020; "online sections" and "online enrollments" refer only to sections which were online at the beginning of the semester, not those which were transitioned online. Courses which were originally scheduled on-campus (and were later converted online due to COVID-19) are referred to as "on-campus."

Definitions

Enrollments: Duplicated instances of students taking a course. One student enrolled in two courses is counted twice.

Course Completion: The percentage of students who complete a course with a grade of A, B, C, D, F, P, NP, I or RD out of total official census enrollments. Tutoring and cancelled classes are excluded.

Headcount: Unduplicated count of students. One student enrolled in two courses counts once.

Success Rate: The percentage of students who complete a course with a grade of A, B, C, or P out of total official census enrollments. Tutoring, non-credit, and cancelled classes are excluded.

Spring 2020 Success Rate Methodology

Historically, students have been able to receive Excused Withdrawals (EWs) from courses in extraordinary circumstances. Prior to Spring 2020, there were very few such instances across the colleges each term (less than 100), with each instance requiring some form of documentation. In Spring 2020, in response to COVID-19, SDCCD implemented a policy that allowed a student to withdraw from a class and automatically receive an EW.

In success rate calculations, Excused Withdrawals (EWs) are typically excluded from the denominator. Due to the large volume of EWs in Spring 2020, if success rates were calculated normally for that term, such a significant reduction in the denominator results in increased success rates by several percentage points. To accommodate this, and to reflect the impediment that COVID-19 posed to many students' educational journeys, EWs are included in the Spring 2020 success rate denominator.

In Spring 2020, between weeks 6 and 15, there were 18,577 excused withdrawals, or 17% of all enrollments, compared to 10,834 withdrawals the prior Spring, or 9% of all enrollments

Highlights: Enrollment and Outcomes in Online Courses

1. **Online enrollments continued to grow as a share of all enrollments at City, Mesa, and Miramar College, accounting for 3 in 10 enrollments in 2019/20.**

   Of 264,102 enrollments at City, Mesa, and Miramar College, 77,911 (30%) were in online sections.

*Figure 1. All Colleges Enrollments, by Modality*
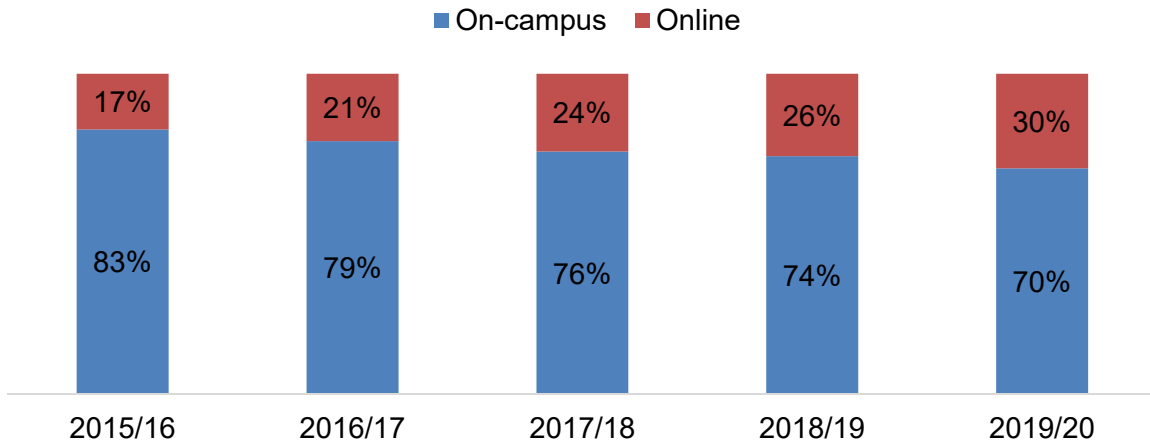
2. **Over half of City, Mesa, and Miramar students enrolled in an online class in 2019/20 (52% of all students). This was 31,520 students.**

   In 2019/20, 18% of students only enrolled in online courses across the colleges (10,851 students), and another 34% enrolled both online and on-campus (20,669 students).
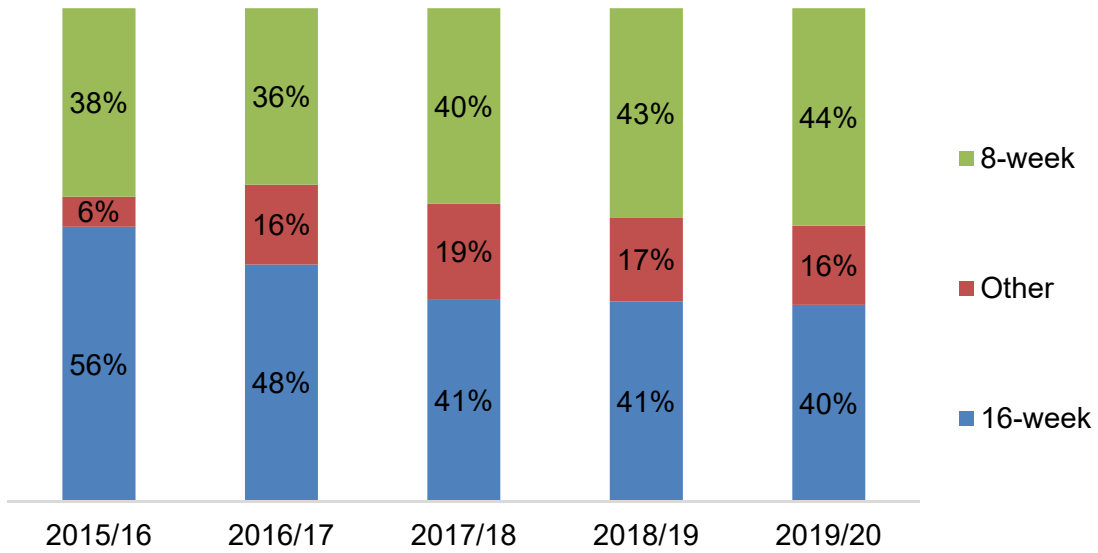
Figure 2. Headcount by student type (proportion)
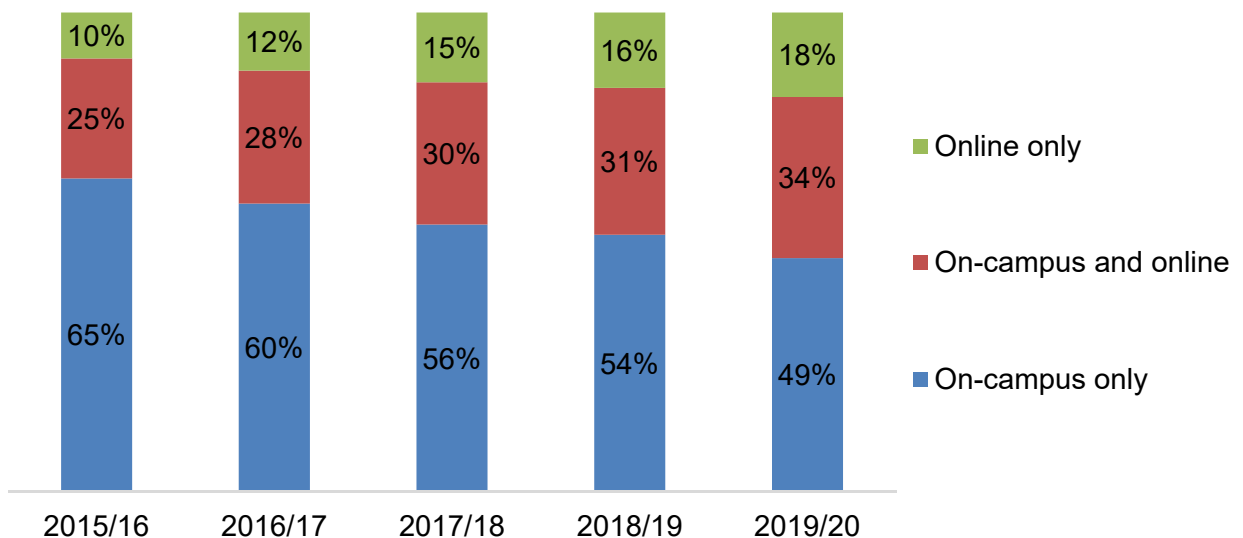
3. **There were 34,394 enrollments in online 8-week sections in 2019/20, or 44% of the total.**

   In online courses, enrollments in 8-week courses continued to grow as a proportion of all enrollments in 2019/20.

Figure 3. Online enrollments, by course length (proportion)

4. **Online success rates in transfer level coursework in 2019/20 across the colleges increased to 72% in 2019/20, up from 69% the prior year.**

The difference between success rates in transfer-level online and on-campus courses narrowed to just 2% in 2019/20. This was largely due to trends in the Spring 2020 semester: on-campus success rates decreased 5% (City/ECC: -7%, Mesa: -3%, Miramar: -3%), and online success rates increased 5% (City/ECC: +2%, Mesa: +7%, Miramar: +4%).

Figure 4 and Tables 1 and 2 show success rates by modality, **as originally scheduled at the beginning of each term**.

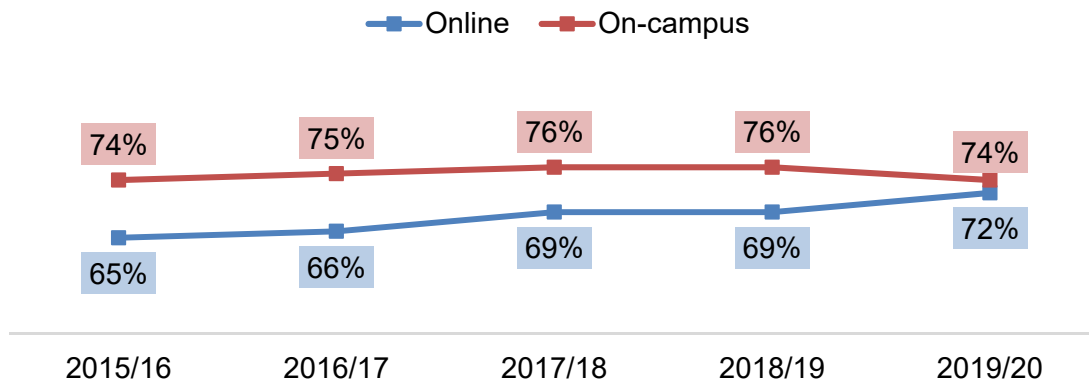*Figure 4. Success Rates in Transfer-level coursework*

Table 1. Success in Transfer-level coursework, by modality and college

		2015/16	2016/17	2017/18	2018/19	2019/20	5-yr Average
Online	City/ECC	63%	64%	66%	68%	68%	66%
	Mesa	64%	67%	69%	68%	73%	68%
	Miramar	67%	68%	71%	72%	75%	71%
	All Colleges	**65%**	**66%**	**69%**	**69%**	**72%**	**69%**
On-campus	City/ECC	72%	72%	73%	73%	69%	72%
	Mesa	74%	75%	75%	75%	74%	75%
	Miramar	78%	79%	80%	80%	79%	79%
	All Colleges	**74%**	**75%**	**76%**	**76%**	**74%**	**75%**

Table 2. Success in Transfer-level coursework, Spring Terms, by Modality and College

		2019	2020	Difference
Online	City/ECC	69%	71%	2%
	Mesa	68%	75%	7%
	Miramar	72%	76%	4%
	All Colleges	**69%**	**74%**	**5%**
On-campus	City/ECC	74%	67%	-7%
	Mesa	75%	72%	-3%
	Miramar	80%	77%	-3%
	All Colleges	**76%**	**71%**	**-5%**

The count of passing grades in **online transfer-level courses increased 26%** in Spring 2020 compared to Spring 2019 (compared to +18% change in enrollment). **On-campus, the count of passing grades decreased by 9%** (compared to -3% change in enrollment).

5. **Differences between online and on-campus success rates in transfer-level coursework were greatest for African American and Filipino students in 2019/20.**

It should be noted that success rates in online transfer-level coursework increased 3% in 2019/20 compared to the prior year (72% in 2019/20 and 69% in 2018/19). In addition, success rates in on-campus transfer-level courses decreased in 2019/20 (-2%).

Due to these trends, the gap between online- and on-campus transfer-level coursework decreased for the six largest groups by ethnicity in 2019/20 compared to the prior year.

Figure 5. 2019/20 Difference between Online and On-campus Success in transfer-level coursework, by Ethnicity. n=count of online enrollments (duplicated).
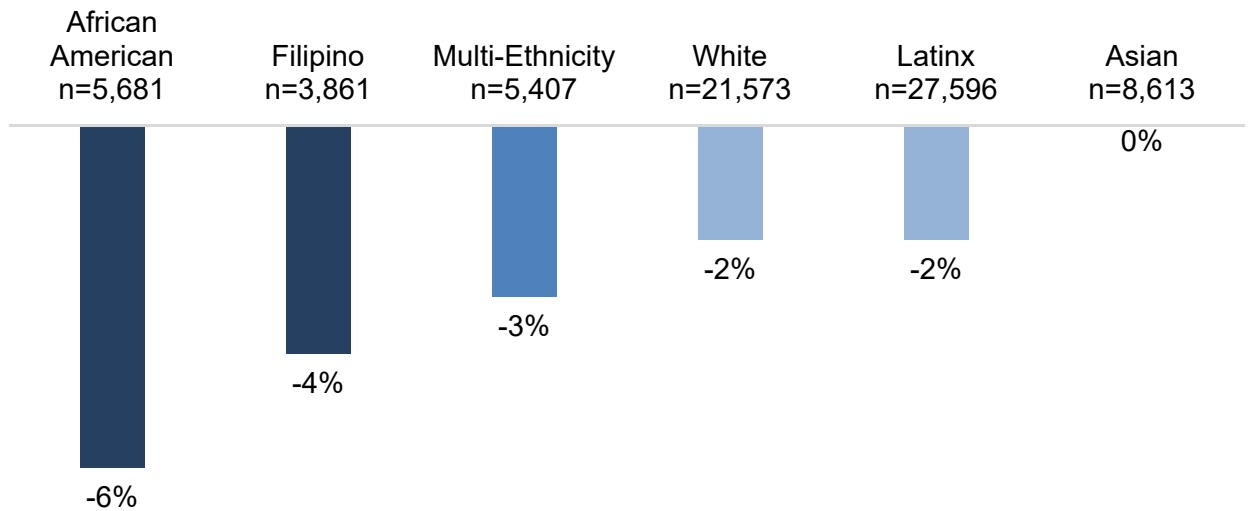
Table 3. 2019/20 On-campus and Online success rates in transfer-level coursework, by Ethnicity

Ethnicity	On-campus	Online	Difference
African American	68%	62%	-6%
Asian	82%	82%	0%
Filipino	77%	73%	-4%
Latinx	69%	67%	-2%
Multi-Ethnicity	75%	72%	-3%
Native American	75%	70%	-5%
Pacific Islander	74%	75%	1%
Unknown	74%	71%	-3%
White	79%	77%	-2%
Overall	**74%**	**72%**	**-2%**

Highlights: Impact of COVID-19 on Success and Course Completion Rates

6. **Across the colleges, overall success rates decreased 2% in Spring 2020 compared to Spring 2019 (City/ECC: -5%, Mesa: -1%, Miramar: -2%). Course completion rates decreased 7% (City/ECC: -10%, Mesa: -6%, Miramar: -5%).**

This decrease reflects success and completion rates for all courses: online and on-campus in Spring 2018 and 2019, and both those scheduled online and those originally scheduled on-campus and moved online due to COVID-19 in Spring 2020.

The larger decrease in completion rates in Spring 2020 compared to Spring 2019 reflects the significant increase in the count of Excused Withdrawals (EW) due to COVID-19. In Spring 2020, between weeks 6 and 15, there were 18,577 excused withdrawals, or 17% of all enrollments, compared to 10,834 withdrawals the prior Spring, or 9% of all enrollments[1].

Table 4. Success Rates in Spring Terms (All Modalities)

	2018	2019	2020	Difference 2019-2020
City College/ECC	69%	72%	67%	-5%
Mesa College	73%	73%	72%	-1%
Miramar College	78%	79%	77%	-2%
All Colleges	**73%**	**74%**	**72%**	**-2%**

Table 5. Completion Rates in Spring Terms (All Modalities)

	2018	2019	2020	Difference 2019-2020
City College/ECC	86%	87%	77%	-10%
Mesa College	87%	87%	81%	-6%
Miramar College	89%	90%	85%	-5%
All Colleges	**87%**	**88%**	**81%**	**-7%**

Note 1. Success rates in Spring 2018 and 2019 reflect all courses (online and on-campus). Success rates in Spring 2020 also reflect all courses, including those originally scheduled online and those which transitioned online in the District's response to COVID-19.

Note 2. EWs are included as unsuccessful enrollments in Spring 2020 to reflect the impact of COVID-19 on SDCCD students' academic experiences. EWs are excluded from success and completion calculations in 2018 and 2019.

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[1] Source: Week 15 Withdrawal Update, May 18, 2020.

7. **The 2% decrease in success rates was mostly consistent across ethnicities in Spring 2020 – most groups experienced a decrease in success rates between 1% and 3%.**

Table 6. Success Rates in Spring terms (All Modalities), All Colleges, by Ethnicity

	2018	2019	2020	Difference 2019-2020
African American	64%	65%	64%	-1%
Asian	81%	81%	81%	0%
Filipino	77%	76%	74%	-2%
Latinx	68%	70%	67%	-3%
Multiple ethnicities	72%	74%	73%	-1%
Native American	76%	70%	74%	4%
Pacific Islander	71%	72%	70%	-2%
Unreported	73%	75%	73%	-2%
White	79%	79%	77%	-2%
Overall	**73%**	**74%**	**72%**	**-2%**

Table 7. Completion Rates in Spring terms (All Modalities), All Colleges, by Ethnicity

	2018	2019	2020	Difference 2019-2020
African American	84%	84%	78%	-6%
Asian	90%	90%	86%	-4%
Filipino	89%	88%	82%	-6%
Latinx	86%	86%	78%	-8%
Multiple ethnicities	87%	88%	81%	-7%
American Indian	87%	83%	81%	-2%
Pacific Islander	86%	88%	80%	-8%
Unreported	88%	88%	82%	-6%
White	89%	89%	84%	-5%
Overall	**87%**	**88%**	**81%**	**-7%**

Highlights: Impact of COVID-19 on Emergency Distance Education Courses

8. **Success rates in courses covered by the Emergency D.E. Addendum, filed by each college in Summer 2020, were 2% lower in Fall 2020 than in Fall 2019. This is in-line with the 2% decrease observed in all other courses from Fall 2019 to Fall 2020 across the colleges.**

   Emergency Distance Education courses were those taught entirely on-campus in prior terms; the campuses filed the Emergency Distance Education Addendum to receive emergency approval to deliver these courses online in Fall 2020.

   The table below includes success rates in Emergency Distance Education Courses (DE Addendum), which were only offered on-campus prior to Fall 2020, and online in Fall 2020. Non-DE Addendum courses are all other courses offered by the colleges (online and on-campus prior to Fall 2020, online in Fall 2020).

   Table 8. Success Rates in DE Addendum courses compared to Non-DE Addendum courses, last 3 Fall Terms

College	Course Type	Fall 2018	Fall 2019	Fall 2020 (Online only)
City/ECC College	Non-DE Addendum	67%	67%	65%
	DE Addendum	74%	75%	74%
	Total	**69%**	**68%**	**67%**
Mesa College	Non-DE Addendum	70%	73%	72%
	DE Addendum	76%	76%	73%
	Total	**71%**	**73%**	**72%**
Miramar College	Non-DE Addendum	78%	78%	75%
	DE Addendum	79%	80%	76%
	Total	**78%**	**78%**	**75%**
All Colleges	Non-DE Addendum	71%	73%	71%
	DE Addendum	76%	76%	74%
	Total	**72%**	**73%**	**71%**

   Note. Includes valid enrollments as of end-of-term. Excludes enrollments in cancelled sections. Includes Ws; excludes 38 EWs in DE Addendum courses and 98 EWs in non-DE Addendum courses in Fall 2020.

   Table 9. Enrollments Fall 2020 DE Addendum courses, Fall Terms

	Fall 2018	Fall 2019	Fall 2020 (Online only)
City/ECC College	6,724	6,402	6,031
Mesa College	10,626	10,329	9,324
Miramar College	4,654	4,174	3,906
All Colleges	**22,004**	**20,905**	**19,261**

9. **Of the top 10 DE Addendum courses by enrollment, success rates decreased in 7 of them. Success rates in labs (covered under the DE addendum) decreased more dramatically (-11%) from last Fall to this Fall (~2,800 enrollments in Fall 2019 and ~2,600 in Fall 2020).**

See Appendix A for success rates for the top 50 Emergency DE Addendum courses.

Table 10. Success rates and enrollments in DE Addendum Courses, top 10 by enrollment

Course	Fall 2019 (On-campus only)		Fall 2020 (Online only)		Success Rate Difference
	Enrollments	Success Rate	Enrollments	Success Rate	
BIOL107	1,099	64%	1,055	66%	**2%**
COMS103	1,005	76%	727	68%	**-8%**
CHEM152L	790	79%	683	67%	**-12%**
BIOL230	725	63%	663	62%	**-1%**
BIOL235	549	76%	561	74%	**-2%**
COMS135	579	81%	510	81%	**0%**
PSYC258	447	59%	424	54%	**-5%**
CHEM200L	488	84%	423	67%	**-17%**
BIOL210A	351	76%	388	82%	**6%**
CHEM100L	364	74%	355	65%	**-9%**

Table 11. Success rates and enrollments in DE Addendum Labs

Course	Fall 2019		Fall 2020 (Online only)		Success Rate Difference
	Enrollments	Success Rate	Enrollments	Success Rate	
CHEM152L	790	79%	683	67%	**-12%**
CHEM200L	488	84%	423	67%	**-17%**
CHEM100L	364	74%	355	65%	**-9%**
CHEM201L	306	78%	316	76%	**-2%**
CHEM231L	205	83%	151	77%	**-6%**
AMSL115L	156	78%	142	55%	**-23%**
CHEM130L	106	89%	120	82%	**-7%**
GEOG101L	74	89%	91	75%	**-14%**
CHEM233L	48	88%	52	73%	**-15%**
ELDT123L	28	71%	40	85%	**14%**
CHEM111L	24	83%	40	88%	**5%**
AVIA101L	47	85%	40	63%	**-22%**
ELDT125L	11	64%	32	59%	**-5%**
AMSL116L	46	76%	32	44%	**-32%**
AVIA161L	18	78%	22	77%	**-1%**
AMSL215L	20	80%	15	73%	**-7%**
AVIA195L	24	88%	3	100%	**12%**
Total	**2,755**	**80%**	**2,557**	**69%**	**-11%**

Summary

1. Online enrollments continued to grow as a share of all enrollments at City, Mesa, and Miramar College, accounting for 3 in 10 enrollments in 2019/20.

2. Over half of City, Mesa, and Miramar students enrolled in an online class in 2019/20 (52% of all students). This was 30,473 students.

3. There were 34,394 enrollments in online 8-week sections in 2019/20, or 44% of the total.

4. Online success rates in transfer level coursework in 2019/20 across the colleges increased to 72% in 2019/20, up from 69% the prior year.

5. Differences between online and on-campus success rates in transfer-level coursework were greatest for African American and Filipino students in 2019/20.

6. Across the colleges, overall success rates decreased 2% in Spring 2020 compared to Spring 2019 (City/ECC: -5%, Mesa: -1%, Miramar: -2%). Course completion rates decreased 7% (City/ECC: -10%, Mesa: -6%, Miramar: -5%).

7. The 2% decrease in success rates was mostly consistent across ethnicities in Spring 2020 – most groups experienced a decrease in success rates between 1% and 3%.

8. Success rates in courses covered by the Emergency D.E. Addendum, filed by each college in Summer 2020, were 2% lower in Fall 2020 than in Fall 2019. This is in-line with the 2% decrease observed in all other courses from Fall 2019 to Fall 2020 across the colleges.

9. Of the top 10 DE Addendum courses by enrollment, success rates decreased in 7 of them. Success rates in labs (covered under the DE addendum) decreased more dramatically (-11%) from last Fall to this Fall (~2,800 enrollments in Fall 2019 and ~2,600 in Fall 2020).

Appendix A

Table 12. Success Rates in Top 50 DE Addendum courses by enrollment (part 1/2)

Course	Fall 2019		Fall 2020 (Online only)		Success Rate Difference
	Enrollments	Success Rate	Enrollments	Success Rate	
BIOL107	1,099	64%	1,055	66%	2%
COMS103	1,005	76%	727	68%	-8%
CHEM152L	790	79%	683	67%	-12%
BIOL230	725	63%	663	62%	-1%
BIOL235	549	76%	561	74%	-2%
COMS135	579	81%	510	81%	0%
PSYC258	447	59%	424	54%	-5%
CHEM200L	488	84%	423	67%	-17%
BIOL210A	351	76%	388	82%	6%
CHEM100L	364	74%	355	65%	-9%
PHYS195	372	60%	344	60%	0%
BIOL205	347	80%	326	82%	2%
CHEM201L	306	78%	316	76%	-2%
CHEM201	325	70%	312	78%	8%
PHYS196	269	75%	262	85%	10%
ASTR101	251	66%	236	72%	6%
BIOL160	214	45%	197	50%	5%
BIOL210B	149	87%	182	91%	4%
PHYS100	144	90%	159	75%	-15%
ANTH104	249	80%	155	83%	3%
CHEM231L	205	83%	151	77%	-6%
CHEM231	229	71%	149	65%	-6%
PHYS125	179	72%	146	71%	-1%
AMSL115	157	80%	142	61%	-19%
AMSL115L	156	78%	142	55%	-23%
PSYC201	131	82%	142	84%	2%
SPAN101	165	62%	139	65%	3%
COMS160	148	86%	132	82%	-4%
ASTR111	104	85%	128	78%	-7%
PHYS180A	79	76%	128	80%	4%
PSYC260	44	75%	127	76%	1%
PHYS181A	71	85%	121	79%	-6%
CHEM130L	106	89%	120	82%	-7%
BIOL100	167	69%	114	65%	-4%
PSYC135	57	54%	114	57%	3%
GEOL101	92	86%	112	76%	-10%

Table 13. Success Rates in Top 50 DE Addendum courses by enrollment (part 2/2)

Course	Fall 2019		Fall 2020 (Online only)		Success Rate Difference
	Enrollments	Success Rate	Enrollments	Success Rate	
PSYC245	79	81%	109	83%	2%
ENGE151	78	71%	97	80%	9%
GEOG101L	74	89%	91	75%	-14%
HUMA201	98	71%	90	54%	-17%
AODS150	78	69%	88	81%	12%
ANTH110	46	63%	87	62%	-1%
PSYC283	66	85%	79	76%	-9%
PSYC137	40	78%	77	88%	10%
CHEM130	67	87%	76	87%	0%
ARTF111	45	71%	75	67%	-4%
BIOL101	101	59%	74	66%	7%
ARTF195A	170	86%	73	79%	-7%
CHEM200	68	54%	72	86%	32%
COMS104	49	76%	72	68%	-8%