



Enrollment Analysis Fall 2017

Addendum

Prepared by:
SDCCD Office of Institutional Research and Planning
September 2017

Summary Analysis

Evening Class Enrollments Compared to Online Class Enrollments

- There is a clear correlation between the number of added and deleted sections and the shifts in enrollment, regardless of the modality or time of day the class is offered (e.g., evening or online).
- When sections are reduced, enrollments decline and when sections are added, enrollments increase.
- The increase in the number of online sections and decrease in the number of evening sections over the past three fall terms has simultaneously shifted the enrollment capacity, and thereby, the direction of enrollment trends for both evening and online classes.
- Overall, across the credit colleges evening class enrollments declined at a greater rate than would be expected based on the number of evening section reductions between Fall 2015 opening day and Fall 2017 opening day.
- Similarly, online enrollments did not increase as much as expected considering the number of added sections.
- ✓ There is no evidence that points to the addition of online classes and deletion of evening classes having an adverse or zero sum effect.
- Online classes continue to fill at a higher rate than evening classes, which indicates there is a high demand for online classes.
- Although enrollments have softened overall and fill rates are lower compared to previous fall terms, the average fill rate for online classes at the three credit colleges remains higher than that of evening classes in spite of declining enrollment; 77% evening class fill rates compared to 82% online class fill rates.

Waitlist Sections

- ✓ On average, approximately one-third of waitlisted students at the credit colleges are added to a class of their waitlisted choice as of opening day, while approximately half of the students on waitlists are still pending as of opening day, and about 17% of waitlisted students either drop themselves off the waitlist or their waitlist registration expires.
- Although the demand for classes has not been as great this Fall 2017 at opening day compared to Fall 2016 (40% of sections compared to 42%, and 14% of seats compared to 15%), there is still evidence of demand and of meeting the demand.
- As of opening day Fall 2017, approximately 40% of day scheduled courses with waitlisted sections had other daytime sections of the same course still open, while 30% of evening scheduled courses with waitlisted sections of the same course had other evening sections still open, and 29% of online scheduled courses with waitlisted sections of the same course had other online sections still open as of opening day.
- • Similarly, amongst courses with cancelled evening sections, 30% had at least one open day section at City, 54% had at least one open day section at Mesa, and 38% had at least one open day section at Miramar.
- The percentage of open sections of courses with both day and online sections is lower compared to the open evening section with matching day classes. This indicates that as day sections reach capacity, students are enrolling in an online class alternative more often than an evening class.

Evening Class Enrollments Compared to Online Class Enrollments

Reduced Sections = Decreased Enrollments. There is a clear correlation between the number of added and deleted sections and the shifts in enrollment, regardless of the evening or online offering. In other words, when sections are reduced, enrollments decline, and when sections are added, enrollments increase. The graphs in Figure 1 on the next page demonstrate this correlation and the reciprocal trends.

Evening to Online Section Ratio. The number of evening sections has dropped over the past three fall terms from almost twice as many evening sections as online sections to one and half as many evening to online sections offered in Fall 2017. The increase in the number of online sections and decrease in the number of evening sections over the past three fall terms has simultaneously shifted the enrollment capacity in both.

Enrollment Capacity. Overall, as of opening day Fall 2017 there is 25% more enrollment capacity in online than in evening classes (29,942 compared to 23,903, respectively). This logically will account for lower overall enrollment in evening and higher overall enrollment in online classes.

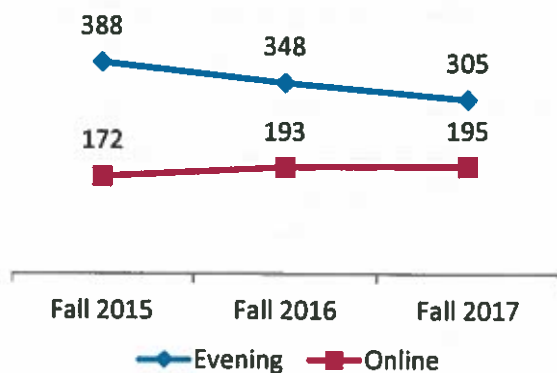
Fill Rates. The fill rates in both evening and online classes have shifted over the past three fall terms. However, online classes continue to fill at a higher rate than evening classes, which indicates the demand for online classes. Although the average online class fill rates for all three credit colleges over the past three fall terms have dropped (82% in Fall 2015 compared to 81% in Fall 2017), evening fill rates have dropped even more (78% in Fall 2015 compared to 73% in Fall 2017), and are lower on average compared to online fill rates (77% and 82% respectively).

Rate of Increase/Decrease. Between Fall 2015 and Fall 2017, if each section yielded an average class size of 30 students per section, the credit colleges should have yielded a decrease of 4,710 evening enrollments (21% decrease) as a result of the reduction of 157 evening sections. However, there was a decrease of 4,980 evening enrollments (22%) instead. Given this same notion of 30 students per section, with 175 online sections added between Fall 2015 and Fall 2017 at all three credit colleges, the expected enrollments for online classes would be approximately 24,808 (27% increase), but instead was only 24,244 (24% increase). Both rates reflect softening enrollments.

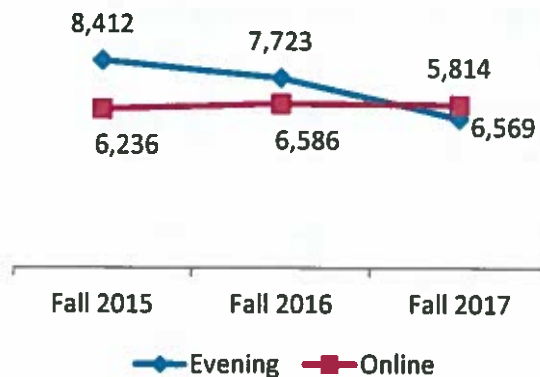
Conclusions. Overall, across the credit colleges evening class enrollments declined at a greater rate than would be expected based on the number of section reductions between Fall 2015 opening day and Fall 2017 opening day. Similarly, online enrollments did not increase as much as the expected rate based on the number of sections added. However, online classes continue to fill at a higher rate than evening classes, which indicates there is a higher demand for online classes. There is no evidence that points to the addition of online classes and deletion of evening classes having an adverse or zero sum effect.

Figure 1. Sections and Enrollments: Evening and Online

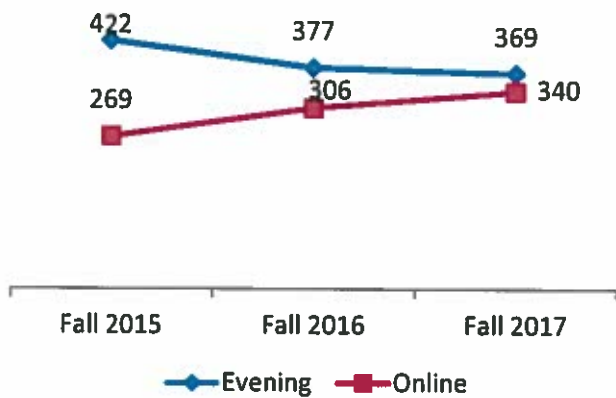
City Sections



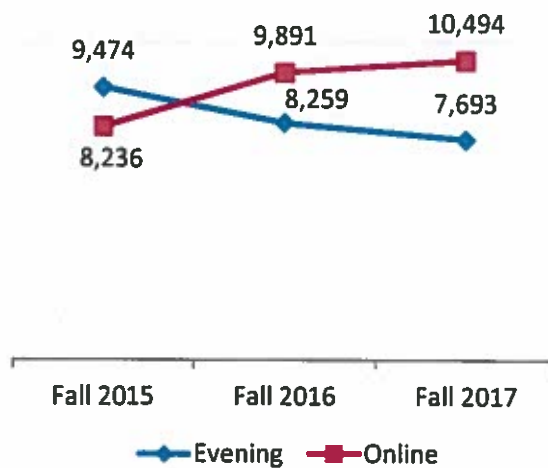
City Enrollments



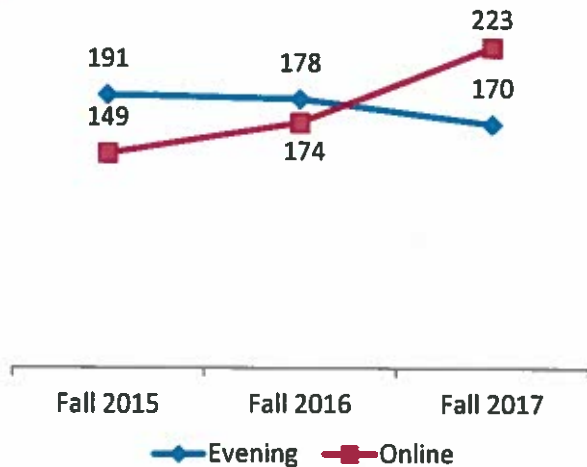
Mesa Sections



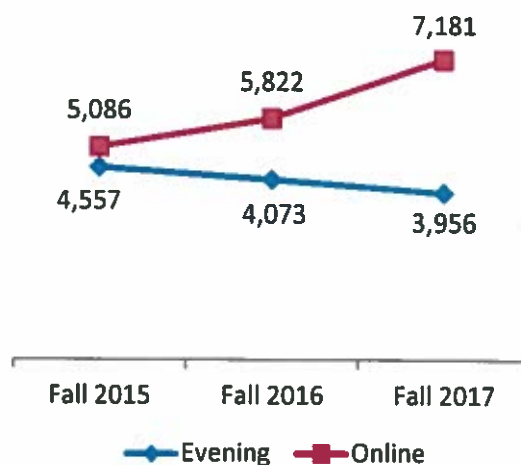
Mesa Enrollments



→ Miramar Sections



Miramar Enrollments



Waitlist Analysis

Overall Demand. The demand for classes is not as great this Fall 2017 as of opening day compared to Fall 2016 (35% of sections compared to 39% and 14% of seats compared to 15%). However, there is still demand.

- On average approximately one-third of students who are on waitlists for classes that have a cap of 25 or greater are added to the class of their waitlisted choice as of opening day (33% in Fall 2017 to 35% in Fall 2016)
- Approximately half of the students on waitlists are still pending as of opening day (51% in Fall 2017 compared to 47% in Fall 2016).
- The percent of waitlisted students who either drop themselves off the waitlist or whose waitlist registration expires is approximately 17%. However, this has shifted somewhat from 18% in Fall 2015 to 14% in Fall 2017.

Online and Evening Demand. The trend for on-campus and online courses is very similar:

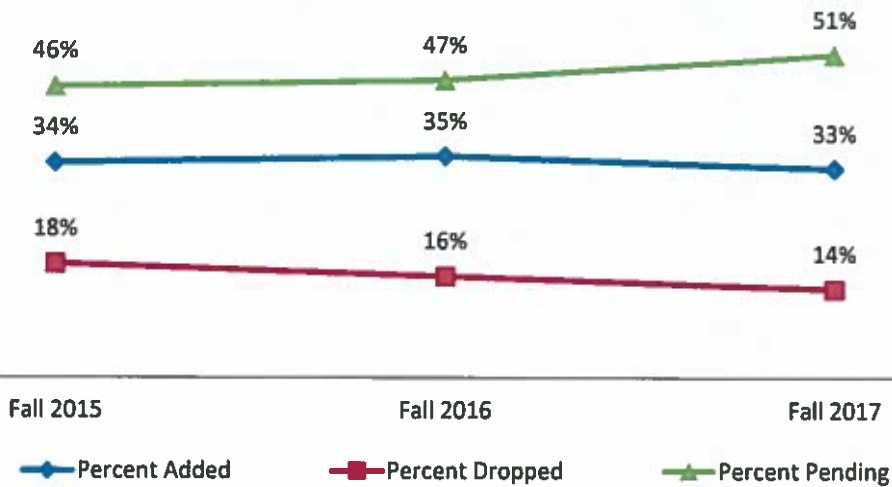
- On average about one-third of students in both online and on-campus waitlists are able to add their course as of opening day (on-campus 34% and online 36%).
- Nearly fifty percent of online and on-campus waitlisted students are left pending (on-campus 48% and online 47%) as of opening day.
- The percentage of students dropping waitlisted on-campus and online courses is comparable (on-campus 17% and online 15%).

City College Demand. Over one-third of students on waitlists add the waitlisted course as of opening day (35% in Fall 2017 to 37% in Fall 2016), while approximately half of the students on waitlists are still pending as of opening day (48% in Fall 2017 compared to 44% in Fall 2016). Approximately 17% of waitlisted students either drop themselves off the waitlist or the waitlist registration expires.

Mesa College Demand. The trend is similar with over one-third of students on waitlists adding the waitlisted course as of opening day (33% in Fall 2017 to 36% in Fall 2016), while approximately half of the students on waitlists are still pending as of opening day (52% in Fall 2017 compared to 47% in Fall 2016). Approximately 16% of waitlisted students either drop themselves off the waitlist or it expires.

Miramar College Demand. One-third of students on waitlists add the waitlisted course as of opening day (33% in Fall 2017 to 33% in Fall 2016), while approximately half of the students on waitlists are still pending as of opening day (53% in Fall 2017 compared to 49% in Fall 2016). Approximately 16% of waitlisted students either drop themselves off the waitlist or the waitlist registration expires.

Figure 2. All Colleges Waitlist Status: On-campus & Online



Open Sections. As of opening day Fall 2017, approximately 40% of day scheduled courses with waitlisted sections had other daytime sections of the same course still open (882 open sections), while 30% of evening scheduled courses with waitlisted sections of the same course had other evening sections still open (152 open sections), and 29% of online scheduled courses with waitlisted sections of the same course had other online sections still open as of opening day (161 open sections).

Table 1. Fall 2017 Open Sections for Waitlisted Courses as of Opening Day

	Day Sections		Evening Sections		Online Sections	
	Count	Percentage	Count	Percentage	Count	Percentage
City College/ECC	189	37%	62	28%	37	29%
Mesa College	436	40%	61	31%	79	31%
Miramar College	257	41%	29	35%	45	27%
Total	882	40%	152	30%	161	29%

Source: SDCCD Information System

Evening Section Cancellations. Between the time registration first opened for Fall 2017 and opening day, City had cancelled 24 evening sections (7% of evening sections), Mesa had cancelled 26 evening sections (6% of evening sections) and Miramar had cancelled 8 evening sections (4% of evening sections). Amongst courses with cancelled evening sections, 30% had at least one open day section at City, 54% had at least one open day section at Mesa, and 38% had at least one open day section at Miramar. Amongst courses with cancelled evening sections, 26% had at least one open evening section at City, 42% had at least one open evening section at Mesa, and 25% had at least one open evening section at Miramar.

Table 2. Fall 2017 Cancelled Evening Sections by College

City	Sections	Mesa	Sections	Miramar	Sections
ACCT102	1	ARTF100	1	ADJU162	1
BIOL230	1	ARTF151	1	ADJU210	1
BLAS155	1	ARTF232	1	DIES125	1
CHEM200	1	ARTF260	1	DIES126	1
CHEM251	1	ARTF280D	1	DIES128	1
CHIC141A	1	CBTE120	1	HIST105	1
CHIL141	1	CHEM201L	1	HIST106	1
CHIL215	1	DANC140C	1	HUMA102	1
DRAM144A	1	DANC140D	1	Total	8
DRAM146A	1	DANC180A	1		
ENGL049	1	EXSC145A	1		
ENGL101	2	EXSC145B	1		
ENGL205	1	EXSC145C	1		
GEOG101	1	EXSC162A	1		
MATH034A	1	EXSC162B	1		
MFET150	1	EXSC178B	1		
MUSC082	1	GISG111	1		
PHIL100	1	HEAL101	1		
PHIL102B	1	ITAL201	1		
PHOT125	1	LCOM101	2		
PHOT216	1	MATH121	1		
PSYC130	1	MULT124	1		
PSYC211	1	PSYC101	2		
Total	24	RUSS101	1		
		Total	26		

⑥ encourage students who started before and stop before to come back to complete (Neece will send out @ mail)

⑦ push current classes to students (MESA will provide marketing strategies)

Don't use 2nd late 8 week ~~starts~~ classes - need new "catchy names" to avoid the "misconception" to delay.

Table 3 shows the percentage of day sections closed for a course with matching evening or online courses that are open in Fall 2017 as of opening day. The percentage of open sections is lower for matched online classes across all colleges compared to matched evening classes, indicating that as day sections reach capacity students may enroll in an online class alternative more often than an evening class.

Table 3. Day Course Sections Closed Compared to Evening and Online Sections Open

City/ECC	Day Closed		Evening Open		Day Closed	Online Open
	Day Closed	Evening Open	Day Closed	Online Open		
City/ECC	54%	59%	59%	50%		
Mesa	62%	53%	65%	43%		
Miramar	63%	52%	60%	34%		

④ 8-week model during spring and fall semesters lead to expedite certificate degree completion

Saturday Classes. Saturday classes generate on average approximately 100 FTEs for all three credit colleges. As of opening day Fall 2017 there were 89 Saturday only sections offered (five were cancelled), which is 33 more sections than in Fall 2015 and two fewer than Fall 2016. Approximately 80% of the Saturday classes had seats available for enrollment as of opening day Fall 2017.

Table 4. Saturday Only Courses Fall 2017 Opening Day

City	Mesa	Miramar
COMS103	ARTF150A	ACCT116B
DANC140A	BIOL231	ADJU101
DANC140B	BLDC061	AVIA211
DANC140C	CISC071	AVIM107B
DANC140D	CISC192	AVIM108B
ENGE050A	DANC110A	CHEM100L
ENGL047A	DANC110B	COMS103
ENGL101	DANC135A	COMS103
EXSC136A	DANC135B	DIES090
EXSC154A	DANC140A	DIES100
EXSC154B	DANC177A	EMGM050
EXSC154C	ENGE151	EMGM105A
EXSC154D	EXSC113A	EMGM106
LABR123A	EXSC113B	ENGL101
MFET101	EXSC113C	EXSC140A
MFET107	EXSC145A	EXSC140B
MFET107	EXSC145B	EXSC154A
	EXSC145C	EXSC154B
	EXSC147A	EXSC154C
	EXSC147B	EXSC154D
	EXSC147C	EXSC182A
	EXSC160A	EXSC182B
	EXSC160B	EXSC182C
	EXSC166A	EXSC182D

Not just exercise - a vocational type program of classes

① Chancellor: look at National model about program completion for Weekend & evening

② How to communicate the "pathway" required courses to students? The information is not reaching students

③ PACE program model, Saturday and evening classes lead students to certificate and/or degree completion

⑧ Develop Marketing campaign focusing on completion of degree/certificate on weekends + evening classes

⑨ color code of evening classes & Saturday

⑨ recycle the FTE from canceling/enrolled classes.

Mesa	Miramar
EXSC166A	HIST100
EXSC166B	LEGL100A
EXSC166B	LEGL100B
EXSC178A	LEGL100B
EXSC178B	LEGL175
EXSC178C	LEGL175
FASH140	PSYC101
FREN101	SOCO101
GISG131	
JAPN101	
SPAN101	