



October 25, 2013
10:00am-12:00 noon
Board Room

Annual Discussion of Online and On-ground Education

Agenda

- I. Opening Remarks - Kevin Smith
- II. Consider the Data - Working Groups
- III. Group Reports
- IV. Common Threads
- V. Accreditation Questions*
- VI. Other Data Needed, Questions, Suggestions
- VII. Conclusions

*How are delivery methods evaluated for their effectiveness in meeting student needs?

*How effectively are delivery systems and modes of instruction facilitating student learning?

Guiding Questions for Data Analysis

What patterns do you notice overall? Basically, are there any patterns for how the numbers in short term classes compare to full term classes?

Are there any departments/divisions/courses that stand out with large differences between short term and full term classes? If so, are there common themes across those classes? Can you draw any conclusions based on the differences that you find?

Being as neutral as possible, what types of policy recommendations might you recommend about what classes are working and what is not working with the length of classes? Are there any schedule recommendations that could be made based on the data alone? Try not to bring in any prior knowledge here- just focus on the numbers.

Annual Discussion of Online and On-ground Education

October 25, 2013

Present: Kenn Pierson, Karen Koos, Van Priest, Kevin Smith, Mike Javanmard, Rebecca Green, Steve Hebert, Connie Austin and Yolanda Ramirez as recorder.

Meeting was brought to order at 10:13 AM

I. **Opening Remarks – Kevin Smith**

We keep finding ways and methods we should be using to prepare for Standard II.

We will discuss the following ideas:

- How effective are online classes v. on-ground classes?
- We will discuss SLO's for both online and on-ground, and the fact that SLOlutions has only one SLO for both types of classes.
- We will look at how we can motivate student learning.
- Are we effectively teaching online programs?

II. **Consider the Data – Working Groups** (Participants broke-up into three (3) working groups)

The data was gathered from spring 2012, summer 2012, and fall 2012 and it was color-coded.

Each group studied the data from one group and analyzed the end product for:

1) **Fill Rates** by class for spring summer and fall of last year. (Pink)

The Fill Rates report explains that classes are limited to a certain number of students per section. The percentages in the report represent when capacity is reached, when students are added above capacity, or when the class did not fill to capacity.

2) **Success and Retention** rates by course, by department, and by division. (Orange)

The Success and Retention rates report shows how online classes match or not the success rates of similar on-ground classes.

3) **Short-Term v. Full-Term** classes. (Green)

The Short-Term v. Full-Term report compares 16-week classes (full term) with classes that last less than 16 weeks. Rio Hondo College offers 5, 6, 8, and 10-week classes, which are equivalent to a 16-week class. Some of them are in the spring and fall semesters. Note that all summer classes are considered short-term classes.

4) **SLO** data for online and on-ground classes

The SLO report shows that SLOs for both online and on-ground classes are currently the same.

This fact is of some concern because there are some additional and different learning outcomes in an online class that are not covered in an on-ground class, or vice-versa.

The data studied was gathered from classes that have both online and on-ground classes, like Psychology 101. The groups looked to see if there was overlap or if they could find general patterns in each category.

An example of good data for a class would be when an online class shows 60% Fill Rate v. 40% Fill Rate for the online class, and the number of classes for each type is about the same. In this case, the data shows that the online class may need some marketing effort to fill it up. There was clarification to state that all hybrid classes are considered on-ground classes.

III. **Group Reports**

After some discussion, the groups presented their findings.

- 1) There was consensus that Math and Science, especially MSC and online classes skew the data.
- 2) There was clarification to state that Fast-Track Math 033, 053 and 073 are new classes and they contribute to skew the data.
- 3) The Spanish classes are a good example for fill rates. Since there are 43 on-ground, 6 hybrid, and 20 online classes the fill rates are equitable. There was some discussion about the cultural factors in adding Spanish online classes. Since we are in a prominently Spanish-speaking community, Spanish online classes were welcomed. However, there was some resistance to French classes online. It was finally approved to add French classes online and the numbers are surprising, because online fill rates and success rates are better for French online classes.
- 4) There was discussion on Corrections, History, and Sociology classes and whether or not there was a pattern when classes were taught by full-time or part-time instructors. There was a big gap with History classes. There are excellent Fill Rates in Sociology classes. There was a question on whether or not it made a difference if the same instructor was teaching both the online and on-ground classes.
- 5) There was clarification on the modules for Math 020, 030, 050, and 070 ABCD series. These courses at the MSC and online were at one point considered on-ground classes. In 2012, the Banner coding for these classes was changed from on-ground to online (Web) classes. Thus, they are accounted for in the wrong area on these reports. Also, the capacity for all these classes was capped at 900 and it was reduced last year to approximately a 600 cap. Thus, skewing the data even more.
- 6) None of the Short-Term classes are an equitable comparison to either online or on-ground classes, but their data is included. We need to consider pulling out the summer class data because it pulls down the numbers for spring and fall semesters.
- 7) A note on Success Rates. The student success rate as an outcome is scary. We need to be honest. If we are true about student success we may need meaningful policy changes.

IV. **Common Threads**

- 1) Except for Spanish, the Fill Rates were a surprise.
- 2) It was found that Math skews all the data and drags down the rates.
- 3) Opposite to the on-ground classes Math classes online are the last ones to fill up. We must reconsider having online Math classes. Discussion ensued to state that Math/MSK classes should be reconsidered as on-ground classes only. Math is a difficult subject which should not be taught online, especially to Basic Skills students.

- 4) We should consider assessing students before they take an online class. By gathering information we can learn if students are prepared and eligible to take online classes by asking if:
- a. They are Basic Skills students
 - b. If students are equipped with proper hardware and software to succeed. Ask if they have a computer and Internet access at home or do they rely on their phones?
 - c. Do students have experience taking and succeeding with online classes? It takes a dedicated student with good time management skills to take online classes.
 - d. Do we limit admission/registration to online classes? If we do, we would need more rooms and money for on-ground Math classes. We might consider rooms in AJ, Administration or even the Lab rooms for Math classes and opening more 7PM to 10 PM Math classes. Still, we cannot reconsider removing online Math classes until we can replace and offer as many on-ground classes.
 - e. More discussion on Spanish classes which have the same number of on-ground and online classes but rates show differences with Spanish for Native Speakers.
 - f. French online classes showed inverse numbers. Online numbers should be higher than on-ground. There was a tighter spread with Communications classes.

There were some patterns found in Success and Retention Rates.

- a. Technology and Math have 18 to 20% difference in success from online to on-ground.
- b. Art has a positive online success rate of 13%.
- c. 9 out of 10 Tech & Math classes have a lower online success rate than on-ground. Therefore it is suggested that Tech & Math classes should not be taught online.
- d. Students need to be assessed before they are allowed to take any online courses.
- e. We must consider the reality that 97% of our students are assessed into Basic Skills, thus, they should not be allowed to take any online classes until:
 - After students complete college level courses in English, Reading and Math.
 - After students show a consistent Satisfactory Academic Progress report maybe in their sophomore year.
- f. We should consider limiting the number of online courses per student. For example: Take one online class and three on-ground classes per semester per student. If student drops or receives a "C" or lower grade, they should not be allowed to take another online class until they complete and pass Basic Skills courses, or have a Satisfactory Academic Progress report or a good and consistent GPA.
- g. We should also assess the Faculty who teach both online and on-ground classes for consistency in Success Rates.
- h. No Faculty member was hired as an online professor.
- i. Distance Education is supposed to be certificated. We need help to review PT faculty who teach online and also we must assess tenured Faculty to see if they have the skills and ability to teach online. Faculty who are excellent with on-ground will not always be excellent with online classes.
- j. Tenured and PT Faculty should learn how to teach online classes by completing a certificate program to show proficiency in technology and pedagogy skills to teach

online classes. Faculty should receive and present a certificate before being allowed to teach online courses.

- k. Faculty should also take an online class to learn what our students go through and learn how they can improve the student side of the program.

Overall, the consensus was to reduce the number of online courses offered across-the-board or to cap the online access to Basic Skills students, so that we do not set them up for failure. We should also find out student and faculty expectations of online classes by giving them a survey.

V. Accreditation Questions *

*How are deliver methods evaluated for their effectiveness in meeting student needs?

*How effectively are delivery systems and modes of instruction facilitating student learning?

VI. Other Data Needed, Questions, Suggestions

VII. Conclusions

Conclusions and recommendations:

In general, success and retention rates for short term classes are lower than full term classes. The college should consider reducing the number of short term classes it offers, especially in Math/Science and Public Safety/Corrections where the numbers are abysmal. There are outliers within these data- possibly related to offering the short term class on-ground and not online. So, the college may need to tease apart the data more or offer more short term on-ground classes to explore this option.

In general, fill rates, success rates, retention rates, and SLO proficiency rates for online classes are lower than on-ground classes. Nine out of ten divisions show this pattern, with Arts being the only exception. The college should consider reducing the number of online classes it offers. Some areas have success rates that are so low that the college should consider canceling online sections altogether.

Reductions could occur until the college has explored ways to increase success in the online and short term domains.

Percentage of Students Proficient by SLO Results

Spring 2012

Course	Onground	Online	All	Onground
ENGL101	82.2	90.4	83.3	85.8
SPCH101	89.1	100.0	89.4	91.1
ENGL035	82.4	66.2	81.3	
HIST143	75.1	50.0	72.3	82.6
READ023			82.4	76.3
ENGL201	94.6	80.5	91.4	91.8
SOC101	73.0	92.6	75.1	75.0
HIST144	71.5	72.7	72.3	
SPAN101	84.1	83.7	84.1	87.0
GEOL150	86.0	76.7	84.1	
MATH130			72.3	81.3
CIT101	84.9	82.1	83.7	
ECON101	93.8	86.1	89.8	91.7
PHIL101	91.9	87.1	89.8	80.4
BUSL110	91.9	82.8	88.2	93.7
MGMT101	53.3	96.9	61.7	70.2
AJ101	85.7	65.7	75.0	72.4

Fall 2012

Online	All
88.9	86.3
80.6	90.7
	88.3
83.3	78.3
68.7	76.0
79.7	88.9
76.2	77.5
	72.7
86.3	86.8
51.9	78.3
	83.4
81.0	87.5
77.8	79.6
64.3	89.2
91.3	73.0
69.9	71.9

Division	Delivery	Retention Rate	Success Rate	# Enrolled
ARTS	Classroom	90%	66%	582
ARTS	Online	83%	72%	337
BS	Classroom	89%	71%	2923
BS	Hybrid	72%	62%	68
BS	Online	80%	57%	978
BSS	Classroom	89%	66%	13239
BSS	Hybrid	86%	70%	165
BSS	Online	83%	58%	4829
CL	Classroom	89%	72%	11191
CL	Hybrid	78%	65%	221
CL	Online	82%	61%	1835
CNSD	Classroom	92%	80%	1683
CNSD	Online	87%	71%	330
MS	Classroom	86%	63%	6282
MS	Hybrid	71%	39%	147
MS	Online	75%	32%	5253
PE	Classroom	86%	61%	489
PE	Hybrid	82%	42%	62
PE	Online	79%	52%	101
PS	Classroom	93%	70%	2078
PS	Hybrid	72%	60%	318
PS	Online	87%	57%	2652
SLSA	Classroom	89%	49%	57
SLSA	Online	65%	50%	66
TECH	Classroom	95%	78%	134
TECH	Hybrid	94%	33%	18
TECH	Online	86%	51%	57

Division	Subject	Delivery	Retention Rate	Success Rate	# Enrolled
ARTS	ART	Classroom	92%	68%	244
ARTS	ART	Online	82%	77%	137
ARTS	THTR	Classroom	89%	65%	338
ARTS	THTR	Online	85%	68%	200
BS	ACCT	Classroom	85%	69%	852
BS	ACCT	Online	77%	61%	264
BS	BUSL	Classroom	94%	79%	517
BS	BUSL	Online	82%	57%	233
BS	CIT	Classroom	89%	72%	802
BS	CIT	Hybrid	59%	59%	32
BS	CIT	Online	74%	59%	34
BS	MGMT	Classroom	90%	67%	696
BS	MGMT	Hybrid	83%	64%	36
BS	MGMT	Online	81%	55%	362
BS	MRKT	Classroom	95%	80%	56
BS	MRKT	Online	79%	55%	85
BSS	ANTH	Classroom	90%	68%	1104
BSS	ANTH	Online	71%	52%	422
BSS	CD	Classroom	92%	78%	1478
BSS	CD	Online	80%	44%	330
BSS	ECON	Classroom	85%	64%	804
BSS	ECON	Online	88%	68%	497
BSS	HIST	Classroom	88%	63%	2789
BSS	HIST	Hybrid	73%	45%	40
BSS	HIST	Online	76%	43%	775
BSS	HUM	Classroom	91%	67%	923
BSS	HUM	Online	84%	56%	407
BSS	PHIL	Classroom	88%	66%	634
BSS	PHIL	Hybrid	90%	78%	125
BSS	PHIL	Online	88%	58%	412
BSS	POLS	Classroom	91%	68%	1975
BSS	POLS	Online	85%	61%	574
BSS	PSY	Classroom	86%	59%	1940
BSS	PSY	Online	87%	64%	814
BSS	SOC	Classroom	87%	64%	1592
BSS	SOC	Online	91%	67%	598
CL	ENGL	Classroom	89%	71%	6206
CL	ENGL	Online	82%	59%	896
CL	FR	Classroom	90%	77%	238
CL	FR	Online	72%	60%	53
CL	LIT	Classroom	83%	60%	168
CL	LIT	Online	82%	59%	150
CL	MSCM	Classroom	97%	85%	75
CL	MSCM	Online	93%	67%	27
CL	READ	Classroom	91%	74%	1405

CL	READ	Online	78%	55%	147
CL	SPAN	Classroom	88%	72%	1213
CL	SPAN	Hybrid	79%	68%	172
CL	SPAN	Online	84%	65%	562
CL	SPCH	Classroom	90%	77%	1886
CL	SPCH	Hybrid	73%	55%	49
CNSD	COUN	Classroom	92%	80%	1683
CNSD	COUN	Online	87%	71%	330
MS	GEOG	Classroom	93%	77%	377
MS	GEOG	Online	83%	50%	414
MS	GEOL	Classroom	95%	85%	736
MS	GEOL	Online	71%	64%	153
MS	MATH	Classroom	85%	59%	5169
MS	MATH	Hybrid	71%	39%	147
MS	MATH	Online	75%	29%	4686
PE	PETH	Classroom	86%	61%	489
PE	PETH	Hybrid	82%	42%	62
PE	PETH	Online	79%	52%	101
PS	AJ	Classroom	93%	68%	1652
PS	AJ	Online	90%	61%	1855
PS	CORR	Classroom	100%	89%	112
PS	CORR	Online	89%	46%	435
PS	FTEC	Classroom	91%	72%	314
PS	FTEC	Hybrid	72%	60%	318
PS	FTEC	Online	67%	53%	362
SLSA	LIB	Classroom	89%	49%	57
SLSA	LIB	Online	65%	50%	66
TECH	AET	Classroom	97%	94%	31
TECH	AET	Hybrid	94%	33%	18
TECH	GIS	Classroom	94%	74%	103
TECH	GIS	Online	86%	51%	57

Division	Course ID	Delivery	Retention Rate	Success Rate	# Enrolled
ARTS	ART108	Classroom	94%	68%	179
ARTS	ART108	Online	83%	79%	72
ARTS	ART115	Classroom	86%	68%	65
ARTS	ART115	Online	80%	74%	65
ARTS	THTR101	Classroom	89%	65%	338
ARTS	THTR101	Online	85%	68%	200
BS	ACCT090	Classroom	80%	56%	223
BS	ACCT090	Online	80%	70%	61
BS	ACCT101	Classroom	83%	66%	397
BS	ACCT101	Online	67%	43%	102
BS	ACCT102	Classroom	94%	85%	232
BS	ACCT102	Online	84%	73%	101
BS	BUSL110	Classroom	94%	79%	517
BS	BUSL110	Online	82%	57%	233
BS	CIT101	Classroom	89%	72%	771
BS	CIT101	Online	71%	47%	17
BS	CIT115	Classroom	77%	68%	31
BS	CIT115	Hybrid	59%	59%	32
BS	CIT115	Online	76%	71%	17
BS	MGMT101	Classroom	90%	66%	580
BS	MGMT101	Hybrid	83%	64%	36
BS	MGMT101	Online	75%	65%	81
BS	MGMT140	Classroom	98%	70%	44
BS	MGMT140	Online	84%	42%	115
BS	MGMT146	Classroom	94%	78%	32
BS	MGMT146	Online	88%	67%	83
BS	MGMT150	Classroom	83%	70%	40
BS	MGMT150	Online	76%	49%	83
BS	MRKT170	Classroom	95%	80%	56
BS	MRKT170	Online	79%	55%	85
BSS	ANTH101	Classroom	91%	73%	625
BSS	ANTH101	Online	60%	44%	249
BSS	ANTH102	Classroom	94%	72%	201
BSS	ANTH102	Online	76%	54%	83
BSS	ANTH125	Classroom	85%	53%	278
BSS	ANTH125	Online	96%	71%	90
BSS	CD102	Classroom	90%	70%	132
BSS	CD102	Online	73%	55%	83
BSS	CD106	Classroom	94%	81%	489
BSS	CD106	Online	79%	35%	141
BSS	CD110	Classroom	91%	72%	306
BSS	CD110	Online	88%	38%	56
BSS	CD208	Classroom	90%	77%	363
BSS	CD208	Online	86%	59%	29
BSS	CD226	Classroom	98%	86%	188

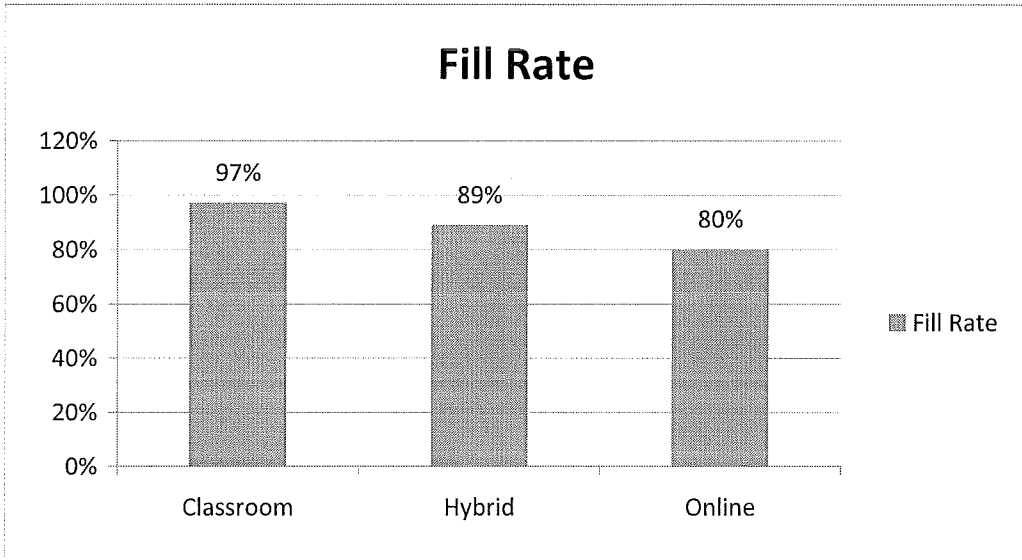
BSS	CD226	Online	76%	52%	21
BSS	ECON101	Classroom	82%	59%	551
BSS	ECON101	Online	87%	69%	309
BSS	ECON102	Classroom	92%	74%	253
BSS	ECON102	Online	89%	67%	188
BSS	HIST101	Classroom	81%	52%	374
BSS	HIST101	Online	84%	31%	141
BSS	HIST102	Classroom	89%	36%	131
BSS	HIST102	Online	81%	47%	102
BSS	HIST143	Classroom	90%	68%	1160
BSS	HIST143	Hybrid	73%	45%	40
BSS	HIST143	Online	77%	44%	296
BSS	HIST144	Classroom	89%	64%	953
BSS	HIST144	Online	75%	58%	132
BSS	HIST158	Classroom	93%	59%	87
BSS	HIST158	Online	60%	45%	40
BSS	HIST159	Classroom	83%	76%	84
BSS	HIST159	Online	53%	33%	64
BSS	HUM110	Classroom	92%	72%	268
BSS	HUM110	Online	84%	57%	179
BSS	HUM111	Classroom	89%	65%	130
BSS	HUM111	Online	82%	56%	68
BSS	HUM125	Classroom	92%	65%	525
BSS	HUM125	Online	86%	55%	160
BSS	PHIL101	Classroom	90%	68%	595
BSS	PHIL101	Hybrid	90%	78%	125
BSS	PHIL101	Online	88%	48%	242
BSS	PHIL120	Classroom	51%	41%	39
BSS	PHIL120	Online	89%	73%	170
BSS	POLS110	Classroom	91%	68%	1975
BSS	POLS110	Online	85%	61%	574
BSS	PSY101	Classroom	86%	58%	1655
BSS	PSY101	Online	87%	60%	456
BSS	PSY112	Classroom	87%	66%	193
BSS	PSY112	Online	88%	74%	270
BSS	PSY114	Classroom	90%	70%	92
BSS	PSY114	Online	82%	58%	88
BSS	SOC101	Classroom	86%	65%	1242
BSS	SOC101	Online	89%	69%	291
BSS	SOC102	Classroom	89%	65%	175
BSS	SOC102	Online	94%	78%	89
BSS	SOC114	Classroom	89%	58%	175
BSS	SOC114	Online	91%	61%	218
CL	ENGL035	Classroom	89%	68%	1389
CL	ENGL035	Online	79%	54%	81
CL	ENGL035W	Classroom	90%	68%	1380

CL	ENGL035W	Online	79%	53%	81
CL	ENGL101	Classroom	90%	71%	2329
CL	ENGL101	Online	82%	56%	460
CL	ENGL201	Classroom	87%	76%	1108
CL	ENGL201	Online	86%	69%	274
CL	FR101	Classroom	90%	77%	238
CL	FR101	Online	72%	60%	53
CL	LIT102	Classroom	80%	75%	60
CL	LIT102	Online	81%	57%	72
CL	LIT114	Classroom	82%	45%	56
CL	LIT114	Online	85%	64%	53
CL	LIT147	Classroom	87%	58%	52
CL	LIT147	Online	80%	56%	25
CL	MSCM103	Classroom	97%	85%	75
CL	MSCM103	Online	93%	67%	27
CL	READ023	Classroom	91%	74%	1267
CL	READ023	Online	88%	58%	73
CL	READ134	Classroom	91%	73%	138
CL	READ134	Online	69%	53%	74
CL	SPAN101	Classroom	88%	73%	781
CL	SPAN101	Hybrid	78%	63%	111
CL	SPAN101	Online	84%	61%	379
CL	SPAN102	Classroom	88%	76%	99
CL	SPAN102	Hybrid	80%	77%	61
CL	SPAN102	Online	85%	77%	117
CL	SPAN130	Classroom	89%	67%	333
CL	SPAN130	Online	85%	64%	66
CL	SPCH101	Classroom	90%	77%	1886
CL	SPCH101	Hybrid	73%	55%	49
CNSD	COUN101	Classroom	94%	82%	1054
CNSD	COUN101	Online	88%	69%	191
CNSD	COUN151	Classroom	90%	76%	629
CNSD	COUN151	Online	85%	75%	139
MS	GEOG101	Classroom	94%	76%	162
MS	GEOG101	Online	81%	47%	193
MS	GEOG101L	Classroom	94%	90%	52
MS	GEOG101L	Online	85%	54%	102
MS	GEOG102	Classroom	91%	73%	163
MS	GEOG102	Online	85%	52%	119
MS	GEOL150	Classroom	95%	85%	736
MS	GEOL150	Online	71%	64%	153
MS	MATH020A	Classroom	83%	26%	109
MS	MATH020A	Online	77%	21%	124
MS	MATH020B	Classroom	82%	41%	66
MS	MATH020B	Online	78%	27%	55
MS	MATH020C	Classroom	81%	35%	69

MS	MATH020C	Online	73%	18%	51
MS	MATH030A	Classroom	100%	63%	27
MS	MATH030A	Online	85%	44%	278
MS	MATH030B	Classroom	100%	66%	29
MS	MATH030B	Online	81%	39%	225
MS	MATH030C	Classroom	100%	69%	29
MS	MATH030C	Online	78%	36%	209
MS	MATH030D	Classroom	100%	64%	28
MS	MATH030D	Online	79%	32%	212
MS	MATH050	Classroom	83%	53%	1994
MS	MATH050	Hybrid	72%	52%	67
MS	MATH050A	Classroom	100%	72%	47
MS	MATH050A	Online	77%	27%	494
MS	MATH050B	Classroom	100%	69%	35
MS	MATH050B	Online	75%	25%	420
MS	MATH050C	Classroom	100%	80%	30
MS	MATH050C	Online	73%	21%	393
MS	MATH050D	Classroom	100%	83%	24
MS	MATH050D	Online	70%	18%	384
MS	MATH070	Classroom	86%	62%	1725
MS	MATH070	Hybrid	71%	29%	80
MS	MATH070A	Classroom	94%	66%	53
MS	MATH070A	Online	76%	33%	510
MS	MATH070B	Classroom	95%	68%	38
MS	MATH070B	Online	75%	33%	426
MS	MATH070C	Classroom	95%	63%	41
MS	MATH070C	Online	70%	31%	408
MS	MATH070D	Classroom	95%	63%	40
MS	MATH070D	Online	69%	28%	403
MS	MATH130	Classroom	80%	69%	785
MS	MATH130	Online	61%	37%	94
PE	PETH122	Classroom	81%	55%	78
PE	PETH122	Online	85%	39%	33
PE	PETH131	Classroom	78%	72%	32
PE	PETH131	Hybrid	68%	32%	28
PE	PETH196	Classroom	88%	61%	379
PE	PETH196	Hybrid	94%	50%	34
PE	PETH196	Online	76%	59%	68
PS	AJ041	Classroom	96%	83%	70
PS	AJ041	Online	85%	61%	186
PS	AJ101	Classroom	79%	57%	298
PS	AJ101	Online	91%	57%	384
PS	AJ102	Classroom	94%	72%	218
PS	AJ102	Online	92%	61%	258
PS	AJ104	Classroom	96%	62%	271
PS	AJ104	Online	87%	49%	205

PS	AJ105	Classroom	96%	73%	180
PS	AJ105	Online	87%	64%	213
PS	AJ106	Classroom	93%	73%	139
PS	AJ106	Online	96%	80%	136
PS	AJ107	Classroom	100%	91%	81
PS	AJ107	Online	95%	73%	182
PS	AJ207	Classroom	95%	63%	88
PS	AJ207	Online	88%	55%	65
PS	AJ208	Classroom	98%	77%	122
PS	AJ208	Online	87%	53%	94
PS	AJ275	Classroom	95%	58%	185
PS	AJ275	Online	90%	57%	132
PS	CORR101	Classroom	100%	89%	85
PS	CORR101	Online	89%	56%	261
PS	CORR104	Classroom	100%	89%	27
PS	CORR104	Online	88%	33%	174
PS	FTEC101	Classroom	94%	70%	110
PS	FTEC101	Hybrid	65%	51%	113
PS	FTEC101	Online	49%	42%	65
PS	FTEC103	Classroom	95%	86%	73
PS	FTEC103	Hybrid	75%	61%	93
PS	FTEC103	Online	70%	49%	134
PS	FTEC104	Classroom	85%	72%	72
PS	FTEC104	Hybrid	82%	71%	38
PS	FTEC104	Online	79%	69%	99
PS	FTEC105	Classroom	88%	56%	59
PS	FTEC105	Hybrid	74%	68%	74
PS	FTEC105	Online	59%	50%	64
SLSA	LIB101	Classroom	89%	49%	57
SLSA	LIB101	Online	65%	50%	66
TECH	AET070	Classroom	97%	94%	31
TECH	AET070	Hybrid	94%	33%	18
TECH	GIS120	Classroom	94%	74%	103
TECH	GIS120	Online	86%	51%	57

Delivery	Fill Rate	# Sections
Classroom	97%	1059
Hybrid	89%	36
Online	80%	426



Division	Delivery	Fill Rate	# Sections
ARTS	Classroom	91%	15
ARTS	Online	85%	10
BS	Classroom	98%	74
BS	Hybrid	86%	2
BS	Online	86%	27
BSS	Classroom	105%	289
BSS	Hybrid	99%	4
BSS	Online	91%	124
CL	Classroom	93%	406
CL	Hybrid	89%	8
CL	Online	88%	74
CNSD	Classroom	101%	49
CNSD	Online	98%	10
MS	Classroom	90%	151
MS	Hybrid	108%	4
MS	Online	65%	90
PE	Classroom	88%	13
PE	Hybrid	74%	2
PE	Online	77%	3
PS	Classroom	97%	55
PS	Hybrid	83%	15
PS	Online	89%	84
SLSA	Classroom	102%	2
SLSA	Online	103%	2
TECH	Classroom	112%	5
TECH	Hybrid	96%	1
TECH	Online	121%	2

Division	Subject	Delivery	Fill Rate	# Sections
ARTS	ART	Classroom	85%	7
ARTS	ART	Online	77%	5
ARTS	THTR	Classroom	96%	8
ARTS	THTR	Online	92%	5
BS	ACCT	Classroom	91%	22
BS	ACCT	Online	80%	8
BS	BUSL	Classroom	105%	11
BS	BUSL	Online	90%	6
BS	CIT	Classroom	101%	23
BS	CIT	Hybrid	94%	1
BS	CIT	Online	57%	2
BS	MGMT	Classroom	95%	17
BS	MGMT	Hybrid	80%	1
BS	MGMT	Online	92%	9
BS	MRKT	Classroom	124%	1
BS	MRKT	Online	97%	2
BSS	ANTH	Classroom	104%	25
BSS	ANTH	Online	89%	10
BSS	CD	Classroom	98%	35
BSS	CD	Online	65%	12
BSS	ECON	Classroom	97%	20
BSS	ECON	Online	89%	13
BSS	HIST	Classroom	107%	59
BSS	HIST	Hybrid	111%	1
BSS	HIST	Online	83%	22
BSS	HUM	Classroom	107%	20
BSS	HUM	Online	93%	10
BSS	PHIL	Classroom	102%	14
BSS	PHIL	Hybrid	96%	3
BSS	PHIL	Online	96%	10
BSS	POLS	Classroom	111%	40
BSS	POLS	Online	107%	14
BSS	PSY	Classroom	110%	40
BSS	PSY	Online	99%	19
BSS	SOC	Classroom	102%	36
BSS	SOC	Online	98%	14
CL	ENGL	Classroom	93%	234
CL	ENGL	Online	88%	39
CL	FR	Classroom	95%	8
CL	FR	Online	84%	2
CL	LIT	Classroom	85%	7
CL	LIT	Online	85%	6
CL	MSCM	Classroom	81%	3
CL	MSCM	Online	84%	1
CL	READ	Classroom	94%	47

CL	READ	Online	86%	6
CL	SPAN	Classroom	89%	43
CL	SPAN	Hybrid	92%	6
CL	SPAN	Online	92%	20
CL	SPCH	Classroom	96%	64
CL	SPCH	Hybrid	80%	2
CNSD	COUN	Classroom	101%	49
CNSD	COUN	Online	98%	10
MS	GEOG	Classroom	113%	6
MS	GEOG	Online	91%	11
MS	GEOL	Classroom	116%	9
MS	GEOL	Online	111%	2
MS	MATH	Classroom	86%	136
MS	MATH	Hybrid	108%	4
MS	MATH	Online	62%	77
PE	PETH	Classroom	88%	13
PE	PETH	Hybrid	74%	2
PE	PETH	Online	77%	3
PS	AJ	Classroom	98%	43
PS	AJ	Online	89%	53
PS	CORR	Classroom	93%	3
PS	CORR	Online	93%	12
PS	FTEC	Classroom	94%	9
PS	FTEC	Hybrid	83%	15
PS	FTEC	Online	87%	19
SLSA	LIB	Classroom	102%	2
SLSA	LIB	Online	103%	2
TECH	AET	Classroom	129%	1
TECH	AET	Hybrid	96%	1
TECH	GIS	Classroom	107%	4
TECH	GIS	Online	121%	2

Division	Course ID	Delivery	Fill Rate	# Sections
ARTS	ART108	Classroom	81%	5
ARTS	ART108	Online	81%	2
ARTS	ART115	Classroom	96%	2
ARTS	ART115	Online	74%	3
ARTS	THTR101	Classroom	96%	8
ARTS	THTR101	Online	92%	5
BS	ACCT090	Classroom	81%	7
BS	ACCT090	Online	75%	2
BS	ACCT101	Classroom	101%	9
BS	ACCT101	Online	81%	3
BS	ACCT102	Classroom	87%	6
BS	ACCT102	Online	81%	3
BS	BUSL110	Classroom	105%	11
BS	BUSL110	Online	90%	6
BS	CIT101	Classroom	102%	22
BS	CIT101	Online	49%	1
BS	CIT115	Classroom	89%	1
BS	CIT115	Hybrid	94%	1
BS	CIT115	Online	66%	1
BS	MGMT101	Classroom	96%	14
BS	MGMT101	Hybrid	80%	1
BS	MGMT101	Online	98%	2
BS	MGMT140	Classroom	98%	1
BS	MGMT140	Online	88%	3
BS	MGMT146	Classroom	80%	1
BS	MGMT146	Online	92%	2
BS	MGMT150	Classroom	93%	1
BS	MGMT150	Online	93%	2
BS	MRKT170	Classroom	124%	1
BS	MRKT170	Online	97%	2
BSS	ANTH101	Classroom	104%	14
BSS	ANTH101	Online	83%	6
BSS	ANTH102	Classroom	103%	5
BSS	ANTH102	Online	96%	2
BSS	ANTH125	Classroom	105%	6
BSS	ANTH125	Online	106%	2
BSS	CD102	Classroom	98%	3
BSS	CD102	Online	64%	3
BSS	CD106	Classroom	101%	11
BSS	CD106	Online	67%	5
BSS	CD110	Classroom	90%	8
BSS	CD110	Online	66%	2
BSS	CD208	Classroom	96%	9
BSS	CD208	Online	64%	1
BSS	CD226	Classroom	107%	4

BSS	CD226	Online	53%	1
BSS	ECON101	Classroom	101%	13
BSS	ECON101	Online	87%	8
BSS	ECON102	Classroom	90%	7
BSS	ECON102	Online	91%	5
BSS	HIST101	Classroom	107%	8
BSS	HIST101	Online	85%	4
BSS	HIST102	Classroom	99%	3
BSS	HIST102	Online	76%	3
BSS	HIST143	Classroom	109%	24
BSS	HIST143	Hybrid	111%	1
BSS	HIST143	Online	88%	8
BSS	HIST144	Classroom	107%	20
BSS	HIST144	Online	78%	4
BSS	HIST158	Classroom	106%	2
BSS	HIST158	Online	89%	1
BSS	HIST159	Classroom	93%	2
BSS	HIST159	Online	79%	2
BSS	HUM110	Classroom	101%	6
BSS	HUM110	Online	101%	4
BSS	HUM111	Classroom	96%	3
BSS	HUM111	Online	79%	2
BSS	HUM125	Classroom	113%	11
BSS	HUM125	Online	93%	4
BSS	PHIL101	Classroom	103%	13
BSS	PHIL101	Hybrid	96%	3
BSS	PHIL101	Online	96%	6
BSS	PHIL120	Classroom	87%	1
BSS	PHIL120	Online	96%	4
BSS	POLS110	Classroom	111%	40
BSS	POLS110	Online	107%	14
BSS	PSY101	Classroom	110%	34
BSS	PSY101	Online	96%	11
BSS	PSY112	Classroom	109%	4
BSS	PSY112	Online	103%	6
BSS	PSY114	Classroom	104%	2
BSS	PSY114	Online	101%	2
BSS	SOC101	Classroom	103%	28
BSS	SOC101	Online	97%	7
BSS	SOC102	Classroom	99%	4
BSS	SOC102	Online	99%	2
BSS	SOC114	Classroom	99%	4
BSS	SOC114	Online	99%	5
CL	ENGL035	Classroom	98%	51
CL	ENGL035	Online	86%	4
CL	ENGL035W	Classroom	85%	50

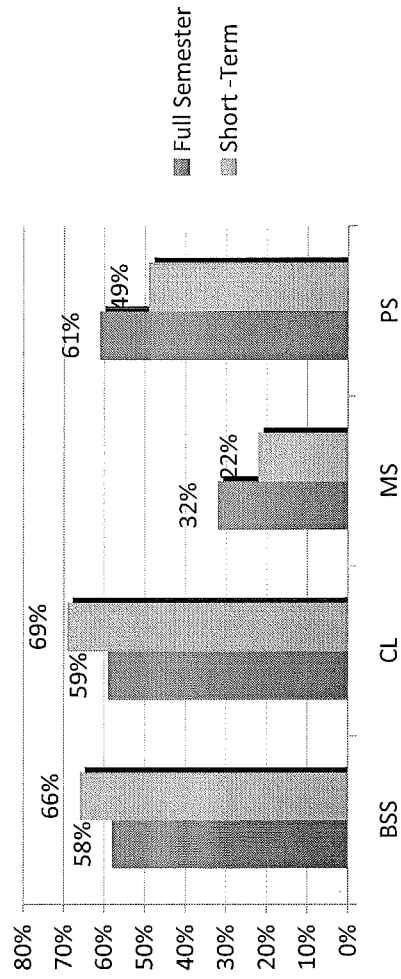
CL	ENGL035W	Online	86%	4
CL	ENGL101	Classroom	95%	90
CL	ENGL101	Online	89%	19
CL	ENGL201	Classroom	94%	43
CL	ENGL201	Online	87%	12
CL	FR101	Classroom	95%	8
CL	FR101	Online	84%	2
CL	LIT102	Classroom	86%	3
CL	LIT102	Online	85%	3
CL	LIT114	Classroom	88%	2
CL	LIT114	Online	86%	2
CL	LIT147	Classroom	81%	2
CL	LIT147	Online	84%	1
CL	MSCM103	Classroom	81%	3
CL	MSCM103	Online	84%	1
CL	READ023	Classroom	95%	42
CL	READ023	Online	80%	3
CL	READ134	Classroom	88%	5
CL	READ134	Online	92%	3
CL	SPAN101	Classroom	89%	28
CL	SPAN101	Hybrid	91%	4
CL	SPAN101	Online	96%	13
CL	SPAN102	Classroom	80%	4
CL	SPAN102	Hybrid	95%	2
CL	SPAN102	Online	95%	4
CL	SPAN130	Classroom	95%	11
CL	SPAN130	Online	71%	3
CL	SPCH101	Classroom	96%	64
CL	SPCH101	Hybrid	80%	2
CNSD	COUN101	Classroom	104%	30
CNSD	COUN101	Online	113%	5
CNSD	COUN151	Classroom	98%	19
CNSD	COUN151	Online	83%	5
MS	GEOG101	Classroom	114%	2
MS	GEOG101	Online	92%	3
MS	GEOG101L	Classroom	108%	2
MS	GEOG101L	Online	88%	5
MS	GEOG102	Classroom	115%	2
MS	GEOG102	Online	92%	3
MS	GEOL150	Classroom	116%	9
MS	GEOL150	Online	111%	2
MS	MATH020A	Classroom	43%	2
MS	MATH020A	Online	78%	2
MS	MATH020B	Classroom	41%	2
MS	MATH020B	Online	68%	2
MS	MATH020C	Classroom	46%	2

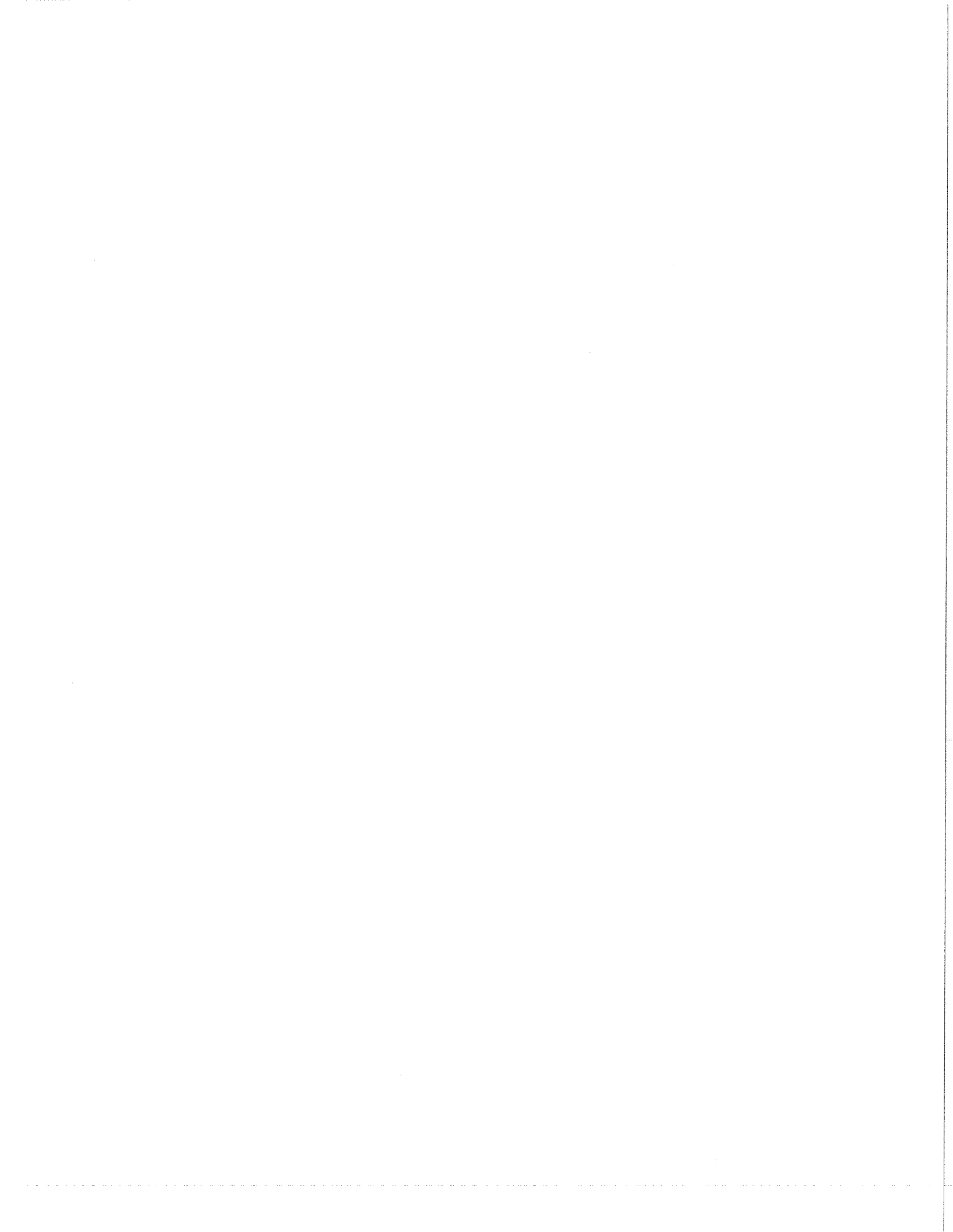
MS	MATH020C	Online	65%	2
MS	MATH030A	Classroom	22%	1
MS	MATH030A	Online	54%	5
MS	MATH030B	Classroom	26%	1
MS	MATH030B	Online	54%	5
MS	MATH030C	Classroom	29%	1
MS	MATH030C	Online	52%	5
MS	MATH030D	Classroom	35%	1
MS	MATH030D	Online	56%	5
MS	MATH050	Classroom	106%	55
MS	MATH050	Hybrid	101%	2
MS	MATH050A	Classroom	24%	1
MS	MATH050A	Online	68%	6
MS	MATH050B	Classroom	27%	1
MS	MATH050B	Online	71%	6
MS	MATH050C	Classroom	23%	1
MS	MATH050C	Online	66%	6
MS	MATH050D	Classroom	20%	1
MS	MATH050D	Online	66%	6
MS	MATH070	Classroom	117%	43
MS	MATH070	Hybrid	114%	2
MS	MATH070A	Classroom	31%	1
MS	MATH070A	Online	64%	6
MS	MATH070B	Classroom	31%	1
MS	MATH070B	Online	58%	6
MS	MATH070C	Classroom	35%	1
MS	MATH070C	Online	56%	6
MS	MATH070D	Classroom	38%	1
MS	MATH070D	Online	64%	6
MS	MATH130	Classroom	116%	20
MS	MATH130	Online	83%	3
PE	PETH122	Classroom	98%	2
PE	PETH122	Online	77%	1
PE	PETH131	Classroom	85%	1
PE	PETH131	Hybrid	73%	1
PE	PETH196	Classroom	87%	10
PE	PETH196	Hybrid	76%	1
PE	PETH196	Online	76%	2
PS	AJ041	Classroom	89%	2
PS	AJ041	Online	96%	5
PS	AJ101	Classroom	112%	7
PS	AJ101	Online	90%	11
PS	AJ102	Classroom	97%	6
PS	AJ102	Online	93%	7
PS	AJ104	Classroom	99%	7
PS	AJ104	Online	87%	6

PS	AJ105	Classroom	91%	5
PS	AJ105	Online	91%	6
PS	AJ106	Classroom	86%	4
PS	AJ106	Online	86%	4
PS	AJ107	Classroom	101%	2
PS	AJ107	Online	92%	5
PS	AJ207	Classroom	111%	2
PS	AJ207	Online	81%	2
PS	AJ208	Classroom	102%	3
PS	AJ208	Online	80%	3
PS	AJ275	Classroom	93%	5
PS	AJ275	Online	83%	4
PS	CORR101	Classroom	106%	2
PS	CORR101	Online	95%	7
PS	CORR104	Classroom	68%	1
PS	CORR104	Online	90%	5
PS	FTEC101	Classroom	97%	3
PS	FTEC101	Hybrid	86%	4
PS	FTEC101	Online	81%	2
PS	FTEC102	Hybrid	108%	1
PS	FTEC102	Online	88%	5
PS	FTEC103	Classroom	97%	2
PS	FTEC103	Hybrid	81%	3
PS	FTEC103	Online	93%	4
PS	FTEC104	Classroom	97%	2
PS	FTEC104	Hybrid	100%	1
PS	FTEC104	Online	88%	3
PS	FTEC105	Classroom	81%	2
PS	FTEC105	Hybrid	72%	3
PS	FTEC105	Online	81%	2
PS	FTEC106	Hybrid	78%	3
PS	FTEC106	Online	87%	3
SLSA	LIB101	Classroom	102%	2
SLSA	LIB101	Online	103%	2
TECH	AET070	Classroom	129%	1
TECH	AET070	Hybrid	96%	1
TECH	GIS120	Classroom	107%	4
TECH	GIS120	Online	121%	2

Division	Session	Retention Rate	Success Rate	# Enrolled
BSS	Full Semester	82%	58%	873
BSS	Short-Term	81%	66%	660
CL	Full Semester	81%	59%	540
CL	Short-Term	87%	69%	311
MS	Full Semester	77%	32%	3141
MS	Short-Term	69%	22%	1221
PS	Full Semester	93%	61%	1110
PS	Short-Term	88%	49%	1109

Success Rates by Division





Data for Table

Division	Full Semester	Short -Term
BSS	58%	66%
CL	59%	69%
MS	32%	22%
PS	61%	49%

Division	Subject	Session	Retention Rate	Success Rate	# Enrolled
BSS	ANTH	Full Semester	64%	46%	169
BSS	ANTH	Short-Term	51%	39%	80
BSS	ECON	Full Semester	84%	57%	79
BSS	ECON	Short-Term	91%	81%	149
BSS	HIST	Full Semester	74%	45%	136
BSS	HIST	Short-Term	75%	48%	71
BSS	POLS	Full Semester	88%	66%	184
BSS	POLS	Short-Term	85%	70%	162
BSS	PSY	Full Semester	92%	63%	183
BSS	PSY	Short-Term	83%	65%	119
BSS	SOC	Full Semester	88%	72%	122
BSS	SOC	Short-Term	89%	73%	79
CL	ENGL	Full Semester	82%	58%	484
CL	ENGL	Short-Term	85%	65%	250
CL	SPAN	Full Semester	75%	64%	56
CL	SPAN	Short-Term	93%	89%	61
MS	MATH	Full Semester	77%	32%	3141
MS	MATH	Short-Term	69%	22%	1221
PS	AJ	Full Semester	95%	65%	806
PS	AJ	Short-Term	86%	54%	714
PS	CORR	Full Semester	89%	52%	304
PS	CORR	Short-Term	91%	38%	395

Division	Course ID	Session	Retention Rate	Success Rate	# Enrolled
BSS	ANTH101	Full Semester	64%	46%	169
BSS	ANTH101	Short-Term	51%	39%	80
BSS	ECON101	Full Semester	84%	57%	79
BSS	ECON101	Short-Term	91%	81%	149
BSS	HIST143	Full Semester	74%	45%	136
BSS	HIST143	Short-Term	75%	48%	71
BSS	POLS110	Full Semester	88%	66%	184
BSS	POLS110	Short-Term	85%	70%	162
BSS	PSY101	Full Semester	92%	63%	183
BSS	PSY101	Short-Term	83%	65%	119
BSS	SOC101	Full Semester	88%	72%	122
BSS	SOC101	Short-Term	89%	73%	79
CL	ENGL101	Full Semester	82%	55%	293
CL	ENGL101	Short-Term	81%	57%	167
CL	ENGL201	Full Semester	83%	64%	191
CL	ENGL201	Short-Term	93%	81%	83
CL	SPAN102	Full Semester	75%	64%	56
CL	SPAN102	Short-Term	93%	89%	61
MS	MATH030A	Full Semester	87%	45%	197
MS	MATH030A	Short-Term	79%	42%	81
MS	MATH030B	Full Semester	81%	36%	148
MS	MATH030B	Short-Term	81%	44%	77
MS	MATH030C	Full Semester	77%	35%	136
MS	MATH030C	Short-Term	79%	38%	73
MS	MATH030D	Full Semester	78%	32%	142
MS	MATH030D	Short-Term	80%	33%	70
MS	MATH050A	Full Semester	81%	32%	325
MS	MATH050A	Short-Term	69%	16%	169
MS	MATH050B	Full Semester	80%	30%	294
MS	MATH050B	Short-Term	65%	13%	126
MS	MATH050C	Full Semester	76%	25%	273
MS	MATH050C	Short-Term	66%	13%	120
MS	MATH050D	Full Semester	72%	21%	272
MS	MATH050D	Short-Term	64%	12%	112
MS	MATH070A	Full Semester	79%	37%	377
MS	MATH070A	Short-Term	69%	20%	133
MS	MATH070B	Full Semester	77%	36%	337
MS	MATH070B	Short-Term	67%	21%	89
MS	MATH070C	Full Semester	72%	34%	323
MS	MATH070C	Short-Term	64%	20%	85
MS	MATH070D	Full Semester	72%	31%	317
MS	MATH070D	Short-Term	59%	17%	86
PS	AJ041	Full Semester	93%	71%	72
PS	AJ041	Short-Term	88%	52%	74
PS	AJ101	Full Semester	96%	65%	242

PS	AJ101	Short-Term	83%	44%	142
PS	AJ102	Full Semester	96%	65%	141
PS	AJ102	Short-Term	87%	56%	117
PS	AJ104	Full Semester	91%	44%	108
PS	AJ104	Short-Term	82%	55%	97
PS	AJ105	Full Semester	92%	72%	106
PS	AJ105	Short-Term	83%	56%	107
PS	AJ107	Full Semester	96%	78%	77
PS	AJ107	Short-Term	94%	69%	105
PS	AJ275	Full Semester	97%	68%	60
PS	AJ275	Short-Term	85%	47%	72
PS	CORR101	Full Semester	89%	63%	111
PS	CORR101	Short-Term	95%	47%	114
PS	CORR104	Full Semester	91%	37%	65
PS	CORR104	Short-Term	86%	30%	109
PS	CORR106	Full Semester	91%	48%	64
PS	CORR106	Short-Term	97%	43%	74
PS	CORR235	Full Semester	84%	52%	64
PS	CORR235	Short-Term	86%	33%	98