



CARE Fall 2019
Fall 2019 Walk-in Report
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1 Overall Usage

This (Fall 2019) semester at CARE there were around 4000 questions asked in the walk-in queue. This report looks at a subset of 3542 different entries¹

Course	Total
PHYS100	710
MATH231	362
ECE110	337
MATH241	290
CS101	207
PHYS212	187
PHYS211	186
MATH285	140
ECE120	132
TAM211	81
CHEM102	68
PHYS214	66
MATH221	64
ECE205	64
TAM212	60
ECE210	54
MATH220	50
MATH415	49
PHYS225	46
TAM210	41
TAM251	38
PHYS102	24
IE300	23
MATH286	20
PHYS213	18
CS125	15
CS225	15
ECE329	13
AE202	11
MATH115	11
CHEM104	11
PHYS101	9
CHEM101	9
MSE280	8
CHEM103	8
ECE310	7
ECE313	7

Course	Total
CEE202	6
ME200	6
MSE201	6
MATH213	6
SE261	6
ECE220	5
AE353	5
MSE406	4
ECE211	4
CEE201	4
ECE340	4
AE321	3
CHEM232	3
STAT400	3
SE320	3
CS173	3
MATH232	3
CHEM236	2
ME330	2
BIOE201	2
MSE401	2
PHYS122	2
CS361	2
ME170	2
CHEM202	1
BIOE206	1
ECE330	1
ECE311	1
ME370	1
CS105	1
TAM335	1
MATH225	1
ECE206	1
PHYS298	1
CS100	1
CHEM105	1
TAM215	1

Table 1: All of the courses in ascending order

¹The reason we are only looking at this subset is because the entries are well behaved – i.e. entering *something* like “ME250”. Therefore all numbers should be taken with a grain of salt and are likely \pm a couple entries

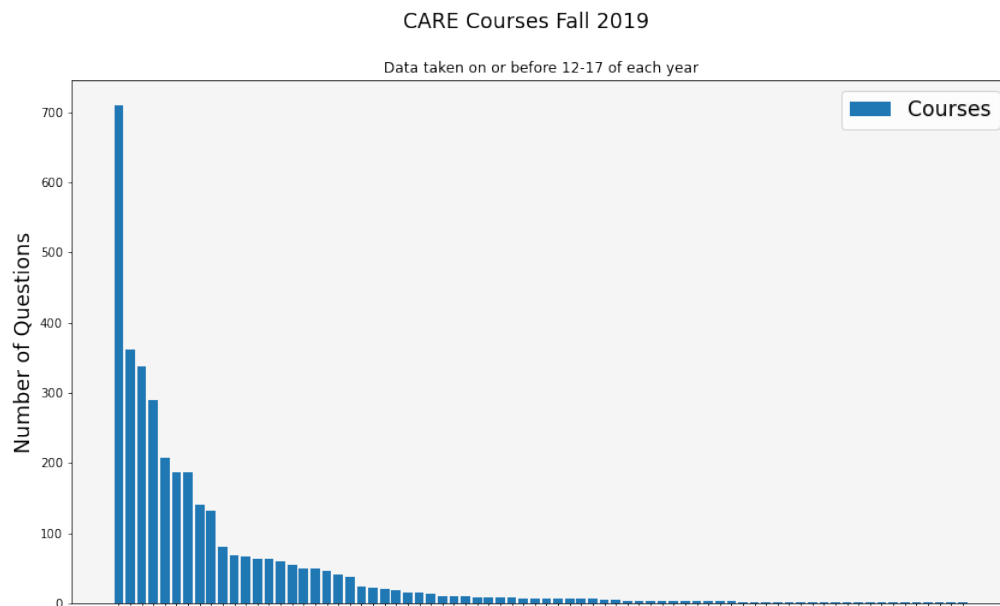


Figure 1: Plot of all courses

More specifics will be given later in the report, but the ten most entered courses were the following.

1. PHYS100 – 710
2. MATH231 – 362
3. ECE110 – 337
4. MATH241 – 290
5. CS101 – 207
6. PHYS212 – 187
7. PHYS211 – 186
8. MATH285 – 140
9. ECE120 – 132
10. TAM211 – 81

These ten courses accounted for 2700 (76.2%) of the total entries in the walk-in queue. The top seven courses accounted for 2279 (64.3%) entries.

2 Courses with at least 10 questions a semester

Course	Total
PHYS100	710
MATH231	362
ECE110	337
MATH241	290
CS101	207
PHYS212	187
PHYS211	186
MATH285	140
ECE120	132
TAM211	81
CHEM102	68
PHYS214	66
MATH221	64
ECE205	64
TAM212	60
ECE210	54
MATH220	50
MATH415	49
PHYS225	46
TAM210	41
TAM251	38
PHYS102	24
IE300	23
MATH286	20
PHYS213	18
CS125	15
CS225	15
ECE329	13
AE202	11
MATH115	11
CHEM104	11

Table 2: All courses with above 10 entries

These courses made up 3393 (95.7%) of all the entries.

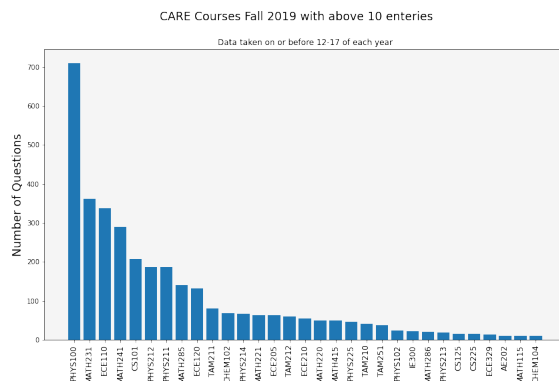


Figure 2: Plot of all courses with 10 or more questions

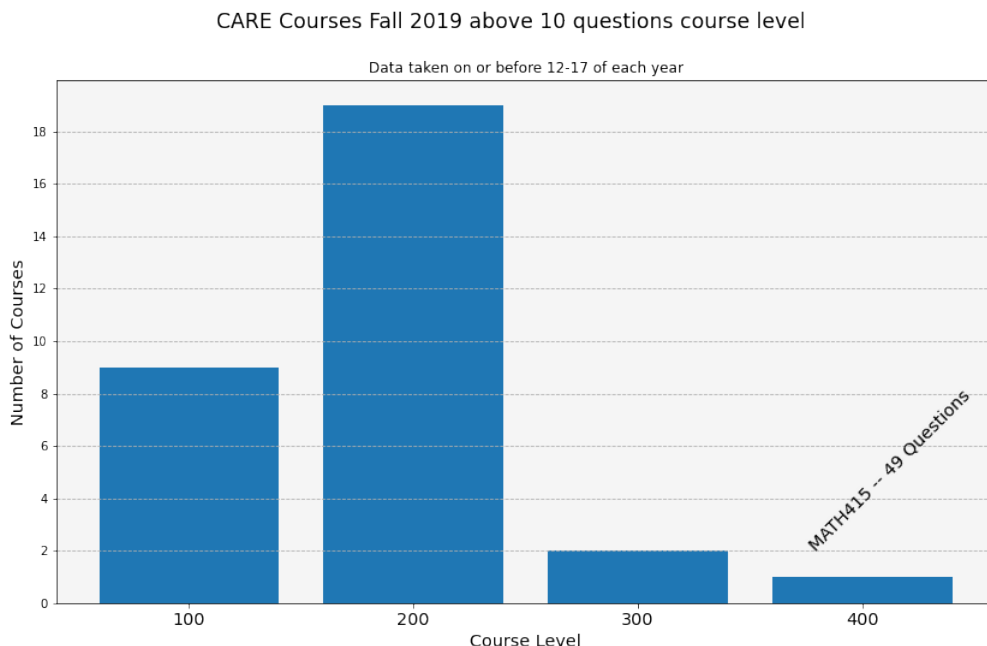


Figure 3: Breakdown of the above 10 question courses by level

Clearly, the majority of the courses are freshman/sophomore level courses. Excluding IE300, ECE329 and MATH415, the above ten questions, 100/200 level courses make up 3308 (93.4%) of the walk-in entries.

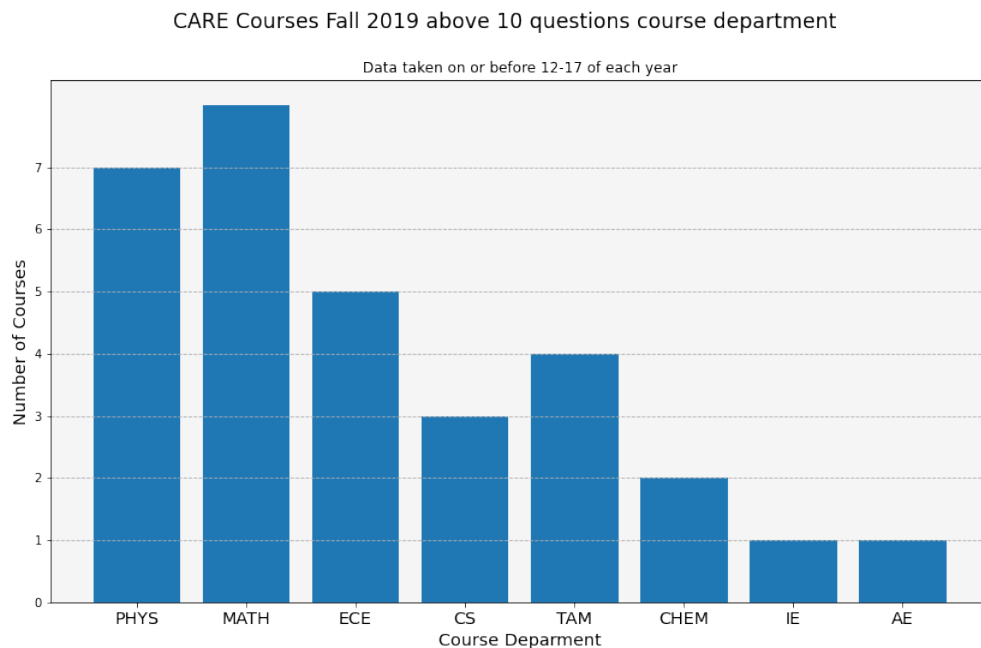


Figure 4: Breakdown of the above 10 question courses by department

Math, Physics, ECE, TAM and CS make up the most popular courses. These five courses make up 3280 (92.6%) of the total entries.

3 Courses with under 10 questions a semester

Course	Total	Course	Total
PHYS101	9	MATH232	3
CHEM101	9	CHEM236	2
MSE280	8	ME330	2
CHEM103	8	BIOE201	2
ECE310	7	MSE401	2
ECE313	7	PHYS122	2
CEE202	6	CS361	2
ME200	6	ME170	2
MSE201	6	CHEM202	1
MATH213	6	BIOE206	1
SE261	6	ECE330	1
ECE220	5	ECE311	1
AE353	5	ME370	1
MSE406	4	CS105	1
ECE211	4	TAM335	1
CEE201	4	MATH225	1
ECE340	4	ECE206	1
AE321	3	PHYS298	1
CHEM232	3	CS100	1
STAT400	3	CHEM105	1
SE320	3	TAM215	1
CS173	3		

Table 3: All courses with below 10 entries

These courses make up 149 (4.2%) of the entries.

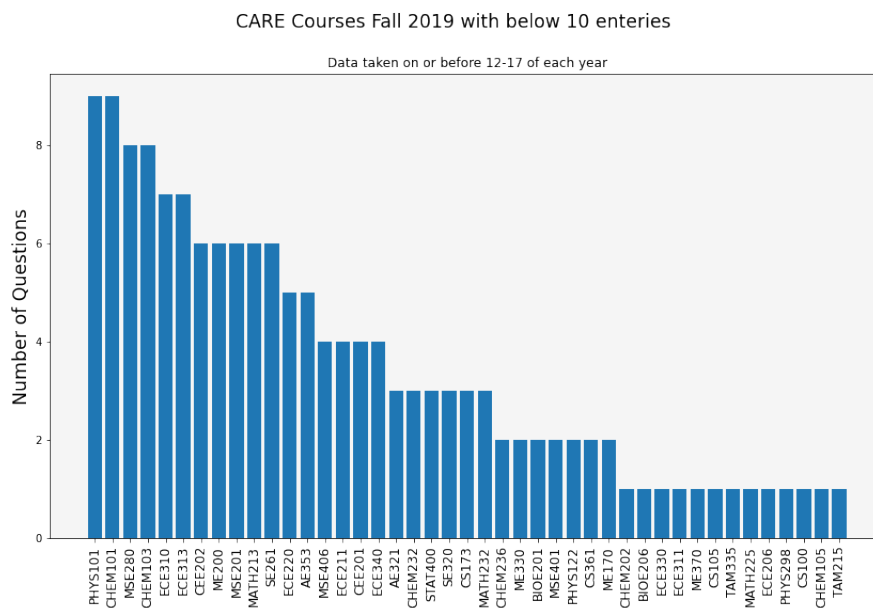


Figure 5: Plot of all courses with less than 10 questions

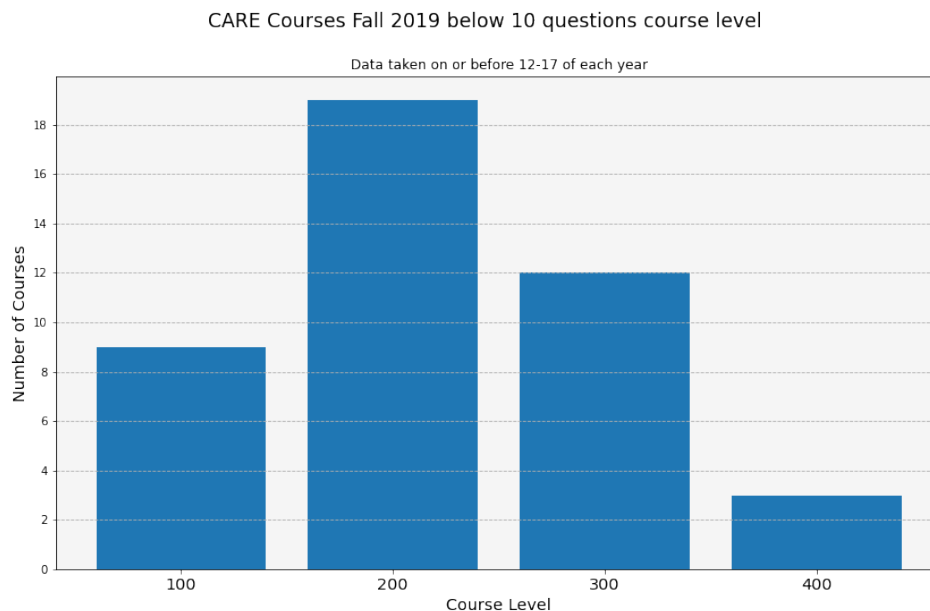


Figure 6: Breakdown of the below 10 questions courses by level

It seems that the course level is a lot more evenly distributed amongst the less popular classes.

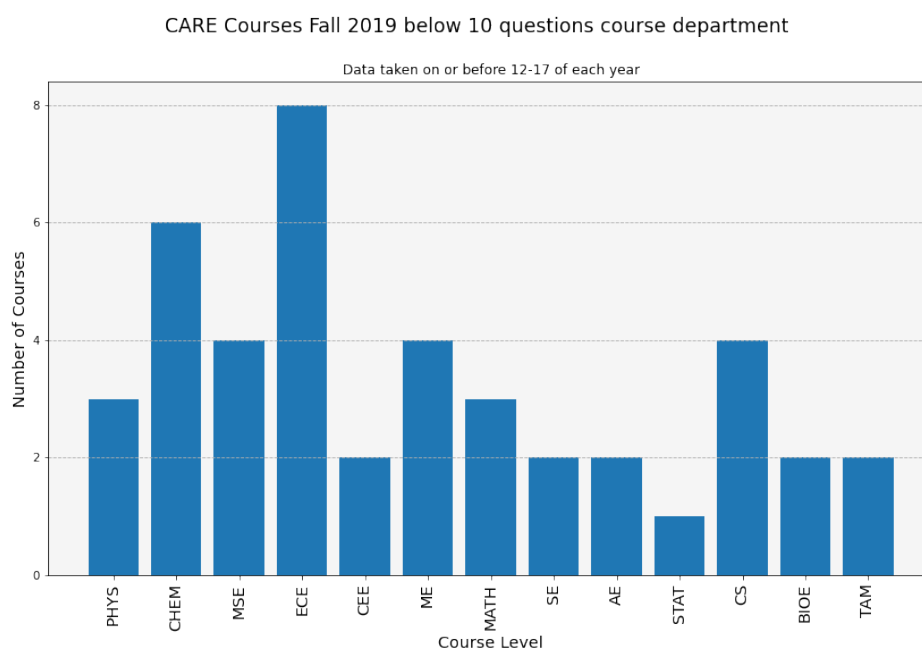


Figure 7: Breakdown of the below 10 question courses by department

Subjects that *EVERY* course has less than 10 questions are: MSE, CEE, ME, SE, STAT, and BIOE