

## GENERAL EDUCATION PROGRAM

2-Apr-20

Research question: What is the probability that students encounter a General Education Skills Student Dataset: Students who graduated in May 2019

Summary: Over 90% of the students take at least one course that teaches collaboration, critical thinking,  
1. Over 90% of the students take at least one course that emphasizes collaboration, critical thinking,  
2. Over 80% of the students take at least one course that emphasizes ethical reasoning, information literacy,  
3. 74% of the students take at least one course that emphasizes oral communication.

Caveats:

1. Classes taken through study abroad, transfer course, AP, or CLEP are excluded from the analysis.
2. Classes taken by students who were still eligible to take Themes are excluded from the analysis (future

Additional data:

1. The other worksheet - # of exposures counts the number of times a student encountered a course that emphasized each Skill SLO.

### Collaboration

	C	Frequency	Percent
No exposure		78	3
At Least One Exposure		2271	97

### Critical Thinking

	CT	Frequency	Percent
No exposure		123	5
At Least One Exposure		2226	95

### Ethical Reasoning

	ER	Frequency	Percent
No exposure		279	12
At Least One Exposure		2070	88

### Information Literacy

	IL	Frequency	Percent
No exposure		481	20
At Least One Exposure		1868	80

### Integration

	IN	Frequency	Percent
No exposure		185	8
At Least One Exposure		2164	92

### Oral Communication

	OC	Frequency	Percent
No exposure		614	26

<b>At Least One Exposure</b>	1735	74
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### **Problem Solving**

<b>PS</b>	<b>Frequency</b>	<b>Percent</b>
No exposure	8	0
<b>At Least One Exposure</b>	2341	100

### **Quantitative Literacy**

<b>QL</b>	<b>Frequency</b>	<b>Percent</b>
No exposure	230	10
<b>At Least One Exposure</b>	2119	90

### **Written Communication**

<b>WC</b>	<b>Frequency</b>	<b>Percent</b>
No exposure	367	16
<b>At Least One Exposure</b>	1982	84

Research question: What is the probability that students encounter a General Education Skills Student Learning Outcome at least once?

Dataset: Students who graduated in May 2019

The results below show how many times a student who graduated in May 2019 encountered each of the Student Learning Outcomes in their time at GVSU.

**Collaboration**

Exposures per Student		
Exposures	Frequency	Percent
0	78	3
1	128	5
2	339	14
3	485	21
4	569	24
5	370	16
6	215	9
7	88	4
8	39	2
9	22	1
10	10	0
11	6	0

**Critical Thinking**

Exposures per Student		
Exposures	Frequency	Percent
0	123	5
1	244	10
2	316	13
3	374	16
4	433	18
5	347	15
6	212	9
7	133	6
8	89	4
9	46	2
10	22	1
11	5	0
12	3	0
13	1	0
14	1	0

**Ethical Reasoning**

Exposures per Student		
Exposures	Frequency	Percent
0	279	12
1	364	15
2	421	18
3	501	21
4	396	17
5	208	9
6	100	4

7	50	2
8	14	1
9	9	0
10	6	0
12	1	0

### Information Literacy

Exposures per Student		
Exposures	Frequency	Percent
0	481	20
1	481	20
2	505	21
3	372	16
4	275	12
5	161	7
6	53	2
7	17	1
8	2	0
9	1	0
10	1	0

### Integration

Exposures per Student		
Exposures	Frequency	Percent
0	185	8
1	272	12
2	1253	53
3	435	19
4	144	6
5	36	2
6	12	1
7	8	0
8	1	0
9	2	0
10	1	0

### Oral Communication

Exposures per Student		
Exposures	Frequency	Percent
0	614	26
1	844	36
2	539	23
3	239	10
4	79	3
5	26	1
6	5	0
7	1	0
8	1	0
9	1	0

### Problem Solving

Exposures per Student		
Exposures	Frequency	Percent
0	8	0
1	27	1
2	119	5
3	187	8
4	273	12
5	329	14
6	353	15
7	384	16
8	276	12
9	183	8
10	114	5
11	57	2
12	25	1
13	6	0
14	4	0
15	2	0
17	1	0
18	1	0

### Quantitative Literacy

Exposures per Student		
Exposures	Frequency	Percent
0	230	10
1	343	15
2	494	21
3	568	24
4	358	15
5	178	8
6	106	5
7	51	2
8	15	1
9	4	0
10	1	0
13	1	0

### Written Communication

Exposures per Student		
Exposures	Frequency	Percent
0	367	16
1	327	14
2	388	17
3	558	24
4	417	18
5	192	8
6	56	2
7	32	1
8	9	0
9	3	0