

Introduction

Student results in REA0022, Essentials in Reading I and II (a five-credit hour developmental reading course) were analyzed based on 93 (unduplicated) final grades (A, B, C, D, F, FN, W) in the fall 2018 academic term. In addition to calculating the overall success rate of the course (as the percentage of final grades that were C or above),¹ an analysis all courses taken by each student who received a grade in REA0022 was also performed.

Demographics

Using student date of birth (DOB), the age of each student was calculated as of September 1, 2018. The average student age was 23.7 years (median = 20.2 years, standard deviation = 7.8 years). The youngest student was 17.4 years and the oldest was 58.4 years (range = 41 years). **Table 1** contains a breakdown by race/ethnicity and gender of the REA0022 students.

Table 1

REA0022 Student Race/Ethnicity and Gender for the Fall 2018 Academic Term

	Female			Male			Total		
	Count	Column %	Row %	Count	Column %	Row %	Count	Column %	Row %
Black	32	60.4%	66.7%	16	40.0%	33.3%	48	51.6%	100.0%
White	10	18.9%	47.6%	11	27.5%	52.4%	21	22.6%	100.0%
Hispanic	8	15.1%	47.1%	9	22.5%	52.9%	17	18.3%	100.0%
Multiracial	2	3.8%	50.0%	2	5.0%	50.0%	4	4.3%	100.0%
unknown	1	1.9%	33.3%	2	5.0%	66.7%	3	3.2%	100.0%
Total	53	100.0%	57.0%	40	100.0%	43.0%	93	100.0%	100.0%

Course Results

Of 93 students who received a grade in REA0022, seven (7.5%) took only REA0022, 34 (36.6%) took REA0022 and one other course, 39 (41.9%) took REA0022 and two other courses, and 13 (14.0%) took REA0022 and three other courses. The overall (total) success rate for REA0022 was 71.0% (n = 93). Average course success for the seven students who took only REA0022 was 71.4%. Average course success for students who took REA0022 and one other course was 73.5%. Average course success for students who took REA0022 and two other courses was 66.7%. Average course success for students who took REA0022 and three other courses was 76.9%. None of the success mean differences were statistically significant. These results are summarized in **Table 2**.

Table 2

Course Combinations and Success Rates for Students Completing REA0022, Fall 2018

Course Combination	Total Courses	Grade Count	Percent	Success Rate
REA0022 Only	1	7	7.5	71.43%
REA0022 and 1 other course	2	34	36.6	73.53%
REA0022 and 2 other courses	3	39	41.9	66.67%
REA0022 and 3 other courses	4	13	14.0	76.92%
Total		93	100	70.97%

As shown, most of the students who completed REA0022 also attempted one or more additional courses in the same term. The full set of courses included general education, developmental, and elective areas including the following course prefixes: BOT, BSC, BUL, CTS, EEX, ENC, FOS, IDS, ISC, MAC, MAT, SLS, SPN, and TPA. **Table 3** contains a detailed list of courses and course credit hours of the courses students took with REA0022 in the fall 2018 term.

¹ As a calculation $\Sigma (A, B, C) / \Sigma (A, B, C, D, F, FN, W)$ grades expressed as a percentage

Table 3
Courses Taken with REA0022, Fall 2018

Course	Title	Hours
BOT1010C	Botany	4
BSC1005	Life in Its Biological Environment	3
BSC2086C	Human Anatomy & Physiology II	4
BUL2131	Business Law I	3
CTS1133	Software Configuration	3
EEX2013	Special Needs in Early Childhood Education	3
ENC0022	Essentials in Writing I and II	5
ENC0025	Essentials in Writing II	4
ENC1101	English Composition	3
FOS1201	Sanitation & Safety Management	3
IDS1107	Strategies for the Pursuit of Knowledge	3
ISC1075	Principles of Science and Investigation	3
MAC1105	College Algebra	3
MAT0018	Basic Mathematics	4
MAT0022	Essentials in Math I & II	5
MAT0028	Elementary Algebra	4
MAT1033	Intermediate Algebra	4
SLS0005	Foundations of College Success	4
SLS1103	Strategies for Success in College, Career and Life	3
SPN1120	Spanish I	4
TPA1210	Stagecraft I	3

Of the 86 students who took at least one other course in addition to REA0022, only eight (9.5%) failed REA0022 but passed the other course(s). Passed courses included only developmental and student life skills (SLS) types including MAT0018, MAT0028, ENC0022, and SLS0005. **Appendix I** contains a complete (record-level) listing of the courses taken with REA0022 by students in the fall 2018 term. For each course, successful completion (grade of C or above) is indicated by a (1) next to the course number. Unsuccessful grade results (less than C) are indicated by a (0) next to the course number. Unsuccessful course results are also highlighted in red. Please contact FSCJ Institutional Analytics & Research (IAR) for additional information.

Appendix I. Record-Level Course Results for Students Completing REA0022 in Fall 2018

Student	Course 1	C1 Grade	Course 2	C2 Grade	Course 3	C3 Grade	Course 4	C4 Grade
1	BSC1005 (1)	C	MAT1033 (0)	F	REA0022 (1)	B	SLS1103 (1)	A
2	BUL2131 (1)	C	ENC0025 (1)	C	ENC1101 (1)	C	REA0022 (1)	C
3	EEX2013 (0)	W	MAT0028 (1)	B	REA0022 (1)	B	SLS0005 (1)	A
4	ENC0022 (1)	C	MAT1033 (1)	B	REA0022 (1)	A	SLS1103 (1)	A
5	ENC0022 (0)	FN	IDS1107 (0)	F	MAT0018 (1)	C	REA0022 (0)	FN
6	ENC0022 (1)	A	MAT0028 (1)	B	REA0022 (1)	B	SLS0005 (1)	A
7	ENC0025 (0)	D	MAT0028 (1)	C	REA0022 (1)	C	SLS1103 (1)	B
8	ENC0025 (0)	FN	MAT0018 (0)	F	REA0022 (0)	F	SLS1103 (0)	F
9	ENC0025 (1)	A	MAT1033 (1)	A	REA0022 (1)	C	SPN1120 (1)	B
10	ENC0025 (1)	B	MAT0018 (1)	B	REA0022 (1)	A	SLS1103 (1)	A
11	ENC0025 (1)	C	MAT0028 (0)	D	REA0022 (1)	C	SLS0005 (1)	C
12	ENC0025 (0)	D	MAT0018 (0)	W	REA0022 (1)	C	SLS0005 (1)	A
13	MAT0018 (1)	B	MAT0028 (0)	FN	REA0022 (0)	F	SLS1103 (0)	F
14	BOT1010C (0)	FN	MAT0022 (0)	FN	REA0022 (0)	FN		
15	BSC1005 (1)	C	MAT1033 (0)	W	REA0022 (1)	C		
16	BSC2086C (1)	B	MAT0028 (1)	A	REA0022 (1)	A		
17	ENC0022 (1)	A	MAT0018 (1)	B	REA0022 (1)	B		
18	ENC0022 (1)	B	MAC1105 (0)	F	REA0022 (1)	B		
19	ENC0022 (1)	C	MAT0022 (0)	F	REA0022 (0)	F		
20	ENC0022 (1)	A	MAT0028 (1)	C	REA0022 (1)	C		
21	ENC0022 (1)	C	REA0022 (1)	C	SLS1103 (1)	B		
22	ENC0022 (1)	B	MAT0028 (1)	A	REA0022 (1)	A		
23	ENC0022 (0)	D	REA0022 (0)	D	SLS1103 (0)	F		
24	ENC0022 (0)	D	MAT0018 (0)	D	REA0022 (0)	D		
25	ENC0022 (1)	B	REA0022 (1)	B	SLS1103 (1)	B		
26	ENC0022 (1)	C	REA0022 (1)	C	SLS1103 (1)	A		
27	ENC0022 (0)	F	REA0022 (0)	F	SLS1103 (0)	W		
28	ENC0022 (1)	A	MAT1033 (0)	D	REA0022 (0)	F		
29	ENC0022 (1)	B	MAT0028 (1)	C	REA0022 (1)	B		
30	ENC0022 (1)	A	REA0022 (0)	F	SLS0005 (1)	A		
31	ENC0022 (1)	B	REA0022 (1)	C	SLS1103 (0)	F		
32	ENC0022 (0)	W	REA0022 (1)	B	SLS1103 (1)	A		
33	ENC0022 (0)	F	REA0022 (0)	FN	SLS1103 (0)	FN		
34	ENC0025 (1)	B	REA0022 (1)	A	SLS1103 (1)	A		
35	ENC0025 (1)	B	MAT0022 (0)	F	REA0022 (1)	C		
36	ENC0025 (1)	C	MAT0018 (1)	A	REA0022 (1)	C		
37	ENC0025 (1)	A	MAT0022 (0)	W	REA0022 (1)	C		
38	ENC0025 (1)	A	REA0022 (1)	C	SLS1103 (1)	A		
39	ENC1101 (1)	B	MAT0028 (1)	A	REA0022 (1)	B		
40	ISC1075 (1)	C	MAT0028 (1)	C	REA0022 (1)	C		
41	MAT0018 (0)	W	REA0022 (0)	D	SLS0005 (0)	D		
42	MAT0018 (0)	F	REA0022 (1)	C	SLS0005 (0)	F		
43	MAT0018 (1)	B	REA0022 (1)	B	TPA1210 (1)	B		
44	MAT0018 (1)	A	REA0022 (1)	C	SLS1103 (1)	C		
45	MAT0018 (1)	C	REA0022 (0)	F	SLS0005 (1)	A		
46	MAT0018 (1)	B	REA0022 (1)	B	SLS1103 (1)	A		
47	MAT0018 (0)	W	REA0022 (1)	C	SLS1103 (1)	B		
48	MAT0022 (1)	C	REA0022 (1)	A	SLS1103 (1)	A		
49	MAT0028 (0)	FN	REA0022 (0)	F	SLS1103 (0)	F		
50	MAT0028 (1)	C	REA0022 (0)	F	SLS1103 (0)	F		
51	MAT0028 (0)	D	REA0022 (0)	F	SLS1103 (0)	F		
52	MAT0028 (0)	F	REA0022 (1)	C	SLS1103 (0)	F		

Appendix I. Continued

Student	Course 1	C1 Grade	Course 2	C2 Grade	Course 3	C3 Grade	Course 4	C4 Grade
53	CTS1133 (0)	F	REA0022 (0)	F				
54	ENC0022 (1)	B	REA0022 (1)	C				
55	ENC0022 (1)	B	REA0022 (1)	B				
56	ENC0022 (1)	A	REA0022 (1)	B				
57	ENC0022 (1)	A	REA0022 (1)	B				
58	ENC0022 (1)	C	REA0022 (1)	C				
59	ENC0022 (1)	C	REA0022 (1)	C				
60	ENC0022 (1)	A	REA0022 (1)	B				
61	ENC0022 (0)	F	REA0022 (0)	F				
62	ENC0022 (0)	F	REA0022 (0)	F				
63	ENC0022 (1)	C	REA0022 (1)	C				
64	ENC0022 (1)	B	REA0022 (1)	B				
65	FOS1201 (0)	F	REA0022 (1)	C				
66	MAT0018 (1)	C	REA0022 (1)	C				
67	MAT0018 (0)	FN	REA0022 (0)	FN				
68	MAT0018 (1)	C	REA0022 (1)	B				
69	MAT0022 (1)	C	REA0022 (1)	C				
70	MAT0028 (1)	C	REA0022 (1)	C				
71	MAT0028 (1)	B	REA0022 (1)	B				
72	MAT0028 (1)	C	REA0022 (1)	A				
73	MAT0028 (1)	B	REA0022 (1)	C				
74	MAT1033 (1)	C	REA0022 (1)	C				
75	REA0022 (0)	F	SLS1103 (0)	F				
76	REA0022 (1)	B	SLS1103 (1)	C				
77	REA0022 (0)	FN	SLS1103 (0)	F				
78	REA0022 (0)	FN	SLS1103 (0)	FN				
79	REA0022 (1)	C	SLS1103 (0)	F				
80	REA0022 (1)	B	SLS1103 (1)	A				
81	REA0022 (1)	C	SLS1103 (1)	C				
82	REA0022 (1)	C	SLS0005 (0)	F				
83	REA0022 (0)	FN	SLS0005 (1)	B				
84	REA0022 (1)	B	SLS0005 (1)	C				
85	REA0022 (1)	A	SLS1103 (1)	B				
86	REA0022 (0)	F	SLS1103 (0)	FN				
87	REA0022 (0)	F						
88	REA0022 (1)	A						
89	REA0022 (1)	B						
90	REA0022 (1)	A						
91	REA0022 (1)	C						
92	REA0022 (1)	A						
93	REA0022 (0)	D						