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2019-2020 ETS Proficiency Profile

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SOUTHWESTERN OKLAHOMA STATE UNIVERSITY
ETS Proficiency Profile
2019 - 2020

Southwestern Oklahoma State University has administered the ETS Proficiency Profile since Fall 2016 as a component of institutional assessment. This standardized assessment includes content areas of Reading, Writing, Critical Thinking, and Mathematics. Testing is administered by Southwestern's Assessment Center staff. Subsequently, scoring and reporting is completed by ETS.

FRESHMEN

Freshmen were asked to complete the ETS Proficiency Profile test during a Fall 2019 SWOSUConnect class period (formerly known as a Freshman Orientation class period). Six hundred and forty-nine freshmen participated. The average score of our freshmen examinees was slightly above the national average of freshmen examinees from 59 other baccalaureate colleges as well as all 151 participating colleges. On a scale of 400-500, Southwestern freshmen received an average score of 441.08 compared to the national average of 434.7. Southwestern also exceeded the national average of all Subscores, including Mathematics.

SENIORS

During the Fall 2019 and Spring 2020 semesters, Department Chairs and faculty were asked to select one or more senior courses, such as a capstone course, as well as a preferred date and time (anytime during the semester) for the test to be administered to seniors. Two hundred and twenty-seven seniors participated during class time (the number was reduced due to the COVID-19 Pandemic). The average score of our examinees was slightly above the national average of seniors. Southwestern seniors received an average score of 453.07 compared to the national average of 445.4. Southwestern also exceeded the national average in all Subscores.

SUMMARY

Both Freshmen and Seniors competed for cash prizes awarded for highest scores in order to gain increased effort on performance. These achievement prizes were awarded in four different categories based on the ACT scores of Freshmen, and based on the current GPA of Seniors. In this way, students were encouraged to make their best effort.

The scores of both our freshmen and seniors are slightly above the national average. In addition, Southwestern takes pride in the fact that the average scores of our seniors exceed the average scores of our freshmen by more than 10 points. This is an indication of the value-added performance gain that our students achieve while enrolled in our general education program.

Following is supporting data.

Southwestern Oklahoma State University
ETS® Proficiency Profile
Summary of Scaled Scores
2019-2020

Southwestern Oklahoma State University
Number of freshmen: 649

Abbreviated
Number of seniors included: 227

	Possible Range	Mean Score						Standard Deviation	
		SWOSU Fr, F19	Nat. Comp., All Inst. Types, Fr	Nat. Comp., Bac. Inst. Types, Fr	SWOSU Sr, 19-20	Nat. Comp., All Inst. Types, Sr	Nat. Comp., Bac. Inst. Types, Sr	SWOSU Fr, F19	SWOSU Sr, 19-20
Total Score	400 to 500	441.08	436.60	434.70	453.07	445.60	445.40	19.38	19.69
Skills Subscores:									
Critical Thinking	100 to 130	110.96	109.40	109.00	113.67	111.80	111.70	6.06	5.84
Reading	100 to 130	116.97	115.40	114.80	120.17	118.30	118.20	7.05	6.41
Writing	100 to 130	113.27	112.60	112.10	115.28	114.50	114.50	5.18	4.84
Mathematics	100 to 130	112.77	112.10	111.50	116.72	114.00	113.90	5.98	6.22
Humanities	100 to 130	114.3	112.50	112.20	116.16	114.70	114.80	6.13	6.28
Social Sciences	100 to 130	112.46	111.20	110.70	114.89	113.40	113.30	5.81	6.22
Natural Sciences	100 to 130	114.58	113.40	112.80	117.42	115.60	115.50	5.78	5.29

*The confidence limits are based on the assumption that the questions contributing to each scaled score are a sample from a much larger set of possible questions that could have been used to measure those same skills. If the group of students taking the test is a sample from some larger population of students eligible to be tested, the confidence limits include both sampling of students and sampling of questions as factors that could cause the mean score to vary. The confidence limits indicate the precision of the mean score of the students actually tested, as an estimate of the "true population mean" - the mean score that would result if all the students in the population could somehow be tested with all possible questions. These confidence limits were computed by a procedure that has a 95 percent probability of producing upper and lower limits that will surround the true population mean.

Southwestern Oklahoma State University
ETS® Proficiency Profile, Abbreviated

Summary of Scaled Scores
To show the ability of the group taking the test

Fall 2019 Freshmen: 649

2019-2020 Seniors: 227 (reduced due to COVID19 Pandemic)

	Possible Range	Mean Score		95% Confidence Limits* for Mean		Standard Deviation		25th Percentile		50th Percentile		75th Percentile	
		F19 Fr	19-20 Sr	F19 Fr	19-20 Sr	F19 Fr	19-20 Sr	F19 Fr	19-20 Sr	F19 Fr	19-20 Sr	F19 Fr	19-20 Sr
Total Score	400 to 500	441.08	453.07	440 to 442	451 to 455	19.38	19.69	426	440	440	453	454	467
Skills Subscores:													
Critical Thinking	100 to 130	110.96	113.67	110 to 112	113 to 115	6.06	5.84	107	110	110	114	116	118
Reading	100 to 130	116.97	120.17	116 to 118	119 to 121	7.05	6.41	111	116	116	120	123	125
Writing	100 to 130	113.27	115.28	113 to 114	114 to 116	5.18	4.84	110	113	113	116	118	118
Mathematics	100 to 130	112.77	116.72	112 to 114	116 to 118	5.98	6.22	108	112	112	116	116	120
Context-Based													
Humanities	100 to 130	114.3	116.16	113 to 115	115 to 117	6.13	6.28	111	111	115	115	119	122
Social Sciences	100 to 130	112.46	114.89	112 to 113	114 to 116	5.81	6.22	108	110	111	115	116	120
Natural Sciences	100 to 130	114.58	117.42	114 to 115	116 to 118	5.78	5.29	109	113	116	120	120	120

*The confidence limits are based on the assumption that the questions contributing to each scaled score are a sample from a much larger set of possible questions that could have been used to measure those same skills. If the group of students taking the test is a sample from some larger population of students eligible to be tested, the confidence limits include both sampling of students and sampling of questions as factors that could cause the mean score to vary. The confidence limits indicate the precision of the mean score of the students actually tested, as an estimate of the "true population mean" - the mean score that would result if all the students in the population could somehow be tested with all possible questions. These confidence limits were computed by a procedure that has a 95 percent probability of producing upper and lower limits that will surround the true population mean.