SEMINOLE STATE COLLEGE

ASSOCIATE IN SCIENCE IN SECONDARY EDUCATION (235)

2018-19 Degree Program Evaluation

The information required to complete this annual evaluation process mirrors the information required by OSRHE Policy on Academic Program Review. Specifically, it covers the following Vitality of the Program items: (1) Program Objectives and Goals, (2) Quality Indicators, (3) Minimum Productivity Indicators, and (4) Other Quantitative Measures (for additional information see OSRHE Policy 3.7.5.B.1-4).

1. Program Objectives and Goals

Associate in Science in Secondary Education Degree Program Outcomes

Outcomes for Transfer Degree Programs

Outcome 1: Demonstrate successful articulation of Seminole State College transfer degree programs to state and professional institutions of higher learning granting professional and baccalaureate degrees in Oklahoma.

Outcome 2: Demonstrate successful academic achievement by Seminole State College transfer degree students at primary receiving state baccalaureate institutions of higher learning in Oklahoma. Successful academic achievement is defined as the maintenance of satisfactory academic progress toward degree completion as determined by the receiving institution.

Outcomes Specific to Associate in Science in Secondary Education

Outcome 3: Demonstrate critical-thinking skills required for higher level communication. Higher level communication skills apply to humanities, composition, and speech.

Outcome 4: Demonstrate an ability to understand and interpret at a higher level, concepts and issues related to the social sciences.

Outcome 5: Demonstrate continued pursuit of problem-solving skills and knowledge for advanced courses in the sciences.

Outcome 6: Continue to develop problem-solving skills needed for advanced courses in mathematics.

2. Quality Indicators

Combined Course Embedded Assessment Results For 2018-19 for Major Field Courses in Degree Program

General Education Outcomes	Pre-Test % Correct	Post-Test % Correct	Difference
General Education Outcome 1	18%	54%	36%
General Education Outcome 2	25%	58%	33%
General Education Outcome 3	22%	52%	30%
General Education Outcome 4	16%	43%	27%
Specific Outcomes for AS Secondary Education	**Pre-Test % Correct**	**Post-Test % Correct**	**Difference**
Degree Program Outcome 3	19%	44%	25%
Degree Program Outcome 4	25%	56%	30%
Degree Program Outcome 5	10%	48%	38%
Degree Program Outcome 6	10%	47%	38%

Other Data Indicating Quality Relevant to Degree Program Major Field

Degree Program Enrollment by Ethnicity

Academic Year	Ethnicity	Summer 2018		Fall 2018		Spring 2019	
2018-19	Total Students	1	100%	12	100%	9	100%
	Black	0	0%	1	8%	1	11%
	Indian	0	0%	4	33%	4	44%
	Asian	0	0%	0	0%	0	0%
	Hispanic	0	0%	2	17%	1	11%
	Hawaiian/Pacific Islander	0	0%	0	0%	0	0%
	White	1	100%	4	33%	2	22%
	Undeclared	0	0%	1	0%	1	11%

Degree Program Enrollment by Gender

Academic Year	Gender	Summer 2018	Fall 2018	Spring 2019
2018-19	Male	0	8	9
	Female	1	4	3

Student Feedback on Instruction: The average response scores from the Student Feedback on Instruction ranged from 4.4 to 4.8 for the rated scale questions. Therefore, all of the averaged responses fell between "usually applies" and "almost always applies" with those responses describing desired attributes or behaviors. Students responded with an average response of 4.6 to all rated-scale questions.

Graduate Exit Survey: Overall, students rated their academic experience favorably with 81% of the students rating "quality of teaching in your major field of study" as excellent or above average. 84.2% of students rated the overall educational experience at SSC as excellent or above average.

ETS Proficiency Profile: SSC students scored within 1.3 points (+ or -) of the national mean in all categories. Specifically, on the Critical Thinking portion SSC students scored .3 below the national mean and .5 below the national mean on the Natural Sciences portion. The national total mean was 438.5 while the SSC total mean was 435.

3. Minimum Productivity Indicators

Productivity Indicators

Academic Year	Semester	Declared Majors	Graduates
2018-19	Summer 2018	1	0
[redacted]	Fall 2018	12	0
	Spring 2019	9	0

Does the degree program meet the minimum OSRHE standards for productivity this year?
Majors Enrolled (25 per year): No
Degree Conferred (5 per year): No

Comments/Analysis:

Low Productivity Justification: 2018-19 was the second year for the Secondary Education degree program and students have not had enough time to matriculate through it. While number of declared majors is relatively small, the fall 2018 number represents an increase.

4. Other Quantitative Measures

Number of Sections Taught and Enrollment for Each Course in Major Field of Degree Program

Prefix	Number	Major Field Course Title	Number of Sections	Total Students	Ave. Class Size	Total Credit Hours Generated
BIOL	1114	General Biology	6	153	26	612
BIOL	1214	Principles of Biology	10	254	25	1016
BIOL	1224	General Botany				
BIOL	1234	General Zoology	2	29	15	60
BIOL	2114	Human Anatomy	5	142	28	568
CHEM	1315	General Chemistry I	3	84	28	336
CHEM	1515	General Chemistry II	1	5	5	25
PHYS	1214	Earth Science	4	76	19	304
PHYS	1314	Astronomy	5	103	21	412
PHYS	2114	General Physics I	1	24	24	96
PHYS	2224	General Physics II	1	9	9	36
ENG	1803	Native American Literature				
ENG	2103	Fiction Writing				
ENG	2113	Creative Writing	1	12	12	36
ENG	2123	Introduction to Poetry	1	5	5	15

ENG	2413	Introduction to Literature	1	36	36	108
ENG	2433	World Literature I	1	20	20	60
ENG	2543	British Literature I	1	6	6	18
ENG	2653	British Literature II				
ENG	2753	American Literature I				
ENG	2883	American Literature II				
ANTH	1113	General Anthropology				
BA	2113	Macroeconomics	4	73	18	219
BA	2213	Microeconomics	4	78	20	234
GEOG	1123	World Regional Geography	2	49	25	147
HIST	1483	American History to 1877	6	149	25	447
HIST	1493	American History since 1877	12	352	29	1056
HIST	2223	Early Western Civilization to 1660	5	114	23	342
HIST	2233	Early Western Civilization since 1660	5	130	26	390
MATH	1503	Elementary Statistics	16	280	18	840
MATH	1513	Pre-Calculus for Eng-Phys-CS	3	46	15	138
MATH	1613	Trigonometry	2	23	12	69
MATH	2215	Calculus and Analytic Geometry I	2	41	20	205
MATH	2424	Calculus and Analytic Geometry II	2	19	10	76
MATH	2434	Calculus and Analytic Geometry III	1	6	6	24
PHYS	2211	Calculus Based Physics I	1	12	12	12
PHYS		Calculus Based Physics II	2	5	3	5

Credit Hours Generated in Major Field Courses of Degree Program By Level (from table above)

Academic Year	1000 Level Credit Hours Generated	2000 Level Credit Hours Generated
2018-19	5462	1876

Note: Credit Hours Generated columns represent the student credit hours generated by all the major field courses of the degree program for the given academic year. The hours do not represent the number of student credit hours generated only by those students declaring this major.

Direct Instructional Costs

Academic Year	Instructional Costs*	Costs Shown By Division or Program?
2018-19	$678,960	Division

*When cost data are not available by degree program, use total division budget for instructional costs for each degree program.

Credit Hours Generated by Courses in Major Field That Are Part of General Education Requirements in Other Degree Programs

Major Field Course Information			
Prefix	**Number**	**Title**	**Credit Hours Generated**
na	na	na	na

Faculty Teaching Major Field Courses in Degree Program

Name	Teaching Area	Highest Degree	Institution
Brad Schatzel	Business	MBA	University of Central Oklahoma
Current Full-Time Faculty From Other Divisions Teaching Major Courses in Degree Program (Instructors with ** beside their name teach only zero-level classes)			
Jarrod Tollett	STEM	M.Ed.	East Central University
Jason Cook	STEM	B.S.	University of Oklahoma
Jessica Isaacs	LAH	M.A.	University of Central Oklahoma
Kelli McBride	LAH	M.A.	University of Central Oklahoma
Nilmini Seranatine	STEM	M.S.	Wichita State University
Dr. Noble Jobe	STEM	Ph.D	Oklahoma State University
Susan Walker	STEM	M.S.	Oklahoma State University
Theran Hernandez	STEM	M.Ed.	Grand Canyon University
Yasminda Choate	LAH	M.S.	Texas A&M University
Emily Carpenter	STEM	M.S.	Oklahoma State University
Marta Osby	Social Sciences	M.A.	University of Central Oklahoma
Dr. Steve Bolin	Social Sciences	Ph.D	Oklahoma State University
Jeffery Christiansen	Social Sciences	M.A.	University of Montana
Lynette Gomez	STEM	B.S.	Oklahoma Baptist University
Melissa Bryant	STEM	M.Ed.	East Central University
Dr. Linda Goeller	STEM	PhD	Oklahoma State University
Current Adjunct Faculty Teaching Major Courses in Degree Program (Instructors with ** beside their name teach only zero-level classes)			
Annette Troglin	STEM	M.Ed.	East Central University
David Helseth	STEM	E.S.	Oral Roberts University
Mary Love	STEM	M.A.	Northern Arizona University

5. Recommendations and Other Relevant Items: Describe recommendations, new developments or initiatives pertaining to degree program.

The following is recommended:

- Expand the number of declared majors to meet the OSRHE minimum as soon as possible.
- Expand the number of graduates from the degree program to the OSRHE mandated minimum of five as soon as possible and then grow by 20% each year.
- The degree program mentor visit with Learning Strategies classes early every semester to explain the benefits and requirements of the degree plan to students actively choosing a major and planning their futures at the College.
- The degree program mentor educate faculty advisors about the benefits and requirements of the degree program during August in-service.