Curriculum Committee

New Course Proposal

FLORIDA SOUTHWESTERN STATE COLLEGE

School or Division	School of Education
Program or Certificate	BS, Elementary Education
Proposed by (faculty only)	Dr. Anne Angstrom
Presenter (faculty only)	Dr. Anne Angstrom
Note that the presenter (faculty) listed above must be present at the Curriculum Committee meeting or the proposal will be returned to the School or Division and must be submitted for a later date.	
Submission date	10/7/2019
Course prefix, number, and title	SCE 3310 Teaching Science in Elementary School

All Curriculum proposals require approval of the Curriculum Committee and the Provost. Final approval or denial of a proposal is reflected on the completed and signed proposal.

☒ Approve ☐ Do Not Approve

Mary R. Myers — *Curriculum Committee Chair Signature*

11-11-19 — *Date*

☑ Approve ☐ Do Not Approve

Provost Signature

11-11-19 — *Date*

All Curriculum proposals require review by the Office of Accountability & Effectiveness.

☐ Reviewed

Office of Accountability & Effectiveness Signature

11/26/19 — *Date*

Section I, Important Dates and Endorsements Required

NOTE: Course and Program changes must be submitted by the dates listed on the published Curriculum Committee Calendar. Exceptions to the published submission deadlines must receive prior approval from the Provost' Office.

Term in which approved action will take place	Fall 2020
Provide an explanation below for the requested exception to the effective **date.**	
Type in the explanation for exception.	

Any exceptions to the term start date requires the signatures of the Academic Dean and Provost prior to submission to the Dropbox.		
Dean	**Signature**	**Date**
Dr. Joyce Rollins		10/7/2019
Provost	**Signature**	**Date**
Dr. Eileen DeLuca		

Required Endorsements	**Type in Name**	**Select Date**
Department Chair or Program Coordinator/Director	Dr. Anne Angstrom	10/7/2019
Academic Dean or Provost	Dr. Joyce Rollins	10/7/2019

List all faculty endorsements below. (Note that proposals will be returned to the School or Division if faculty endorsements are not provided).
Dr. Anne Angstrom, Prof. JoAnne Devine, Dr. Regina Miller, Dr. Caroline Seefchak

Has the Libraries' Collection Manager been contacted about the new course and discussed potential impacts to the libraries' collections?
no

Section II, New Course Information (must complete all items)

List course prerequisite(s) and minimum grade(s) (must include minimum grade if higher than a "D").	ENC 1101, ENC 1102, 3 credits of college-level mathematics, EDG 3620, EDG 3410, EDG 4004 all with a grade of "C" or higher
Provide justification for the proposed prerequisite(s).	This course will be a methods course that will require field experience. Teacher candidates will need to have taken Curriculum and Instruction, EDG 3620, to write effective lesson plans. EDG 3410, Classroom Management, is necessary to satisfactorily complete field experience. EDG 4004, Special Topics, reviews all expectations of course and field work within the BS in Elementary Education program.
Will students be taking any of the prerequisites listed for this course in different parts of the same term (ex. Term A and Term B)?	No
List course co-requisites.	none
Provide justification for the proposed co-requisite(s).	
Is any co-requisite for this course listed as a co-requisite on its paired course? (Ex. CHM 2032 is a co-requisite for CHM 2032L, and CHM 2032L is a co-requisite for CHM 2032)	Choose an item. List the co-requisite
Course credits or clock hours	3
Contact hours (faculty load)	3
Are the Contact hours different from the credit/lecture/lab hours?	no
Select grade mode	Standard Grading (A, B, C, D, F)
Credit type	College Credit
Possible Delivery Types (Online, Blended, On Campus)	Blended, On Campus
Course description (provide below)	
Through this course the teacher candidate will examine the theoretical and practical aspects of teaching science to the elementary student. The course will focus on developmentally appropriate effective instructional strategies for the elementary learner. Multiple methods of	

instruction will be explored including inquiry, scientific process, content area literacy, and cooperative learning experiences. The course will be inclusive of state standards, subject matter competencies, appropriate pedagogy, and assessment procedures. 15 hours of field experience is required with this course.

General topic outline (type in outline below)

- Constructivism in Teaching Science
- Teaching Science Through Inquiry
- Assessment and Differentiated Instruction in Science
- Planning, Teaching, and Assessing Culturally and Linguistically Diverse Children
- Matter
- Energy
- Simple Machines
- Electricity
- Rocks and Minerals
- Weather
- Astronomy
- Plants & Animals
- The Human Body

Learning Outcomes: For information purposes only.

IV. Course Competencies, Learning Outcomes and Objectives

A. General Education Competencies and Course Outcomes

1. Integral *General Education Competency or competencies*: Communicate

- The teacher candidate will plan and deliver standards-based science lesson plans demonstrating content knowledge and confidence in science.
- The teacher candidate will synthesize instructional strategies, activities and materials for effective teaching and learning to create effective science inquiry activities.
- The teacher candidate will employ appropriate diagnostic and assessment tools for science in a K-6 classroom.
- The teacher candidate will design a safe and encouraging classroom environment for learning science.

2. Supplemental *General Education Competency or competencies*: Research

- The teacher candidate will utilize specific adaptive teaching strategies to maximize the learning of students who have difficulty with science including ESE and ELL students.

B. In accordance with Florida Statute 1007.25 concerning the state's general education core course requirements, this course meets the general education competencies for ....
Part B would only be included in the course outlines of those courses are included in the FSW Catalog as a General Education Core Course. If this is not a core course, then outline letter C would become B.

C. Other Course Objectives/Standards

Copy and Paste the SCNS Course Profile Description below (http://scns.fldoe.org/scns/public/pb_index.jsp).

Profile Description

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18;10/18;7/19

TEACHING SCIENCE IN THE ELEMENTARY SCHOOL PHILOSOPHY, METHODS, AND CONTENT OF ELEMENTARY SCHOOL SCIENCE PROGRAMS> PARTICULAR REFERENCE TO RECENTLY DEVELOPED CURRICULA.

Revised: 11/11, 6/12, 6/13, 7/14, 8/15, 8/16, 8/17, 5/18, 6/18;10/18;7/19

ICS code for this course	ADVANCED AND PROFESSIONAL - 1.14.08 - EDUCATION
Institutional Reporting Code	11408 EDUCATION
Degree Attributes	Choose an item.
Degree Attributes (if needed)	Choose an item.
Degree Attributes (if needed)	Choose an item.
Degree Attributes (if needed)	Choose an item.
Should any major restriction(s) be listed on this course? If so, select "yes" and list the appropriate major restriction code(s) or select "no".	Yes ELED
Is the course an "International or Diversity Focus" course?	No, not International or Diversity Focus
Is the course a General Education course?	No
Is the course a Writing Intensive course?	No
If Replacing a course, combining a Lecture/Lab or splitting a C course – Is there a course equivalency?	No
Is the course repeatable*? (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3 credit hour course can be repeated 1 time and a student can earn a maximum of 6 credits). *Not the same as Multiple Attempts or Grade Forgiveness	No If repeatable, list maximum number of credits
Do you expect to offer this course three times or less (experimental)?	No

Impact of Course Proposal	
Will this new course proposal impact other courses, programs, departments, or budgets?	Yes
If the answer to the question above is "yes", list the impact on other courses, programs, or budgets?	This course will replace EDE 4304c, which will be phased out.
Have you discussed this proposal with anyone (from other departments, programs, or institutions) regarding the impact? Were any agreements made? Provide detail information below.	

No

Section III, Justification for proposal

Provide justification (below) for this proposed curriculum action.
Teacher certification in the state of Florida includes a series of licensure exams, known as the Florida Teacher Certification Exams. Students in the B.S., Elementary Education, must pass all licensure exams as a requirement for graduation. The Elementary Education, K-6 Exam includes four subtests covering content and content pedagogy in the areas of language arts and reading; social science; science; and mathematics. The content assessed in each subtest is comprehensive, addressing standards associated with kindergarten through sixth grade. Our current curricular framework in the B.S., Elementary Education program includes courses that integrate two content areas into a single course, often making it difficult to support breadth and depth in the teaching of each critical content area and relevant pedagogy. This proposed program change includes the creation of four new courses, each representing a single content area. Elementary Education programs at other state colleges (Chipola College, Dayton SC, Polk SC, St. Petersburg College, and Northwest Florida SC) include two and as many as four courses dedicated to a single content area to support teacher certification licensure requirements. SCE 3310 is a course that will address the teaching of science in the elementary school.