

## Course Competencies Template - Form 112

GENERAL INFORMATION			
Name: Dr. Susan Neimand	Phone #: (305) 237-6152		
Course Prefix/Number: SCE 4943	Course Title: Seminar in Science Education		
Number of Credits: 3			
Degree Type	<input type="checkbox"/> B.A. <input checked="" type="checkbox"/> B.S. <input type="checkbox"/> B.A.S <input type="checkbox"/> A.A. <input type="checkbox"/> A.S. <input type="checkbox"/> A.A.S. <input type="checkbox"/> C.C.C. <input type="checkbox"/> A.T.C. <input type="checkbox"/> V.C.C		
Date Submitted/Revised: 3/10/08	Effective Year/Term: 2008-1		
<input checked="" type="checkbox"/> New Course Competency <input type="checkbox"/> Revised Course Competency			
Course to be designated as a General Education course (part of the 36 hours of A.A. Gen. Ed. coursework): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
The above course links to the following Learning Outcomes: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Communication  <input checked="" type="checkbox"/> Numbers / Data  <input checked="" type="checkbox"/> Critical thinking  <input checked="" type="checkbox"/> Information Literacy  <input checked="" type="checkbox"/> Cultural / Global Perspective               </td> <td style="width: 50%; vertical-align: top;"> <input checked="" type="checkbox"/> Social Responsibility  <input checked="" type="checkbox"/> Ethical Issues  <input checked="" type="checkbox"/> Computer / Technology Usage  <input type="checkbox"/> Aesthetic / Creative Activities  <input type="checkbox"/> Environmental Responsibility               </td> </tr> </table>		<input checked="" type="checkbox"/> Communication <input checked="" type="checkbox"/> Numbers / Data <input checked="" type="checkbox"/> Critical thinking <input checked="" type="checkbox"/> Information Literacy <input checked="" type="checkbox"/> Cultural / Global Perspective	<input checked="" type="checkbox"/> Social Responsibility <input checked="" type="checkbox"/> Ethical Issues <input checked="" type="checkbox"/> Computer / Technology Usage <input type="checkbox"/> Aesthetic / Creative Activities <input type="checkbox"/> Environmental Responsibility
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Course Description (limit to 50 words or less, <b>must correspond with course description on Form 102</b> ): This course provides the pre-service educator opportunities to discuss and reflect on their development and mastery of the Pre-Professional Florida Educator Accomplished Practices during the completion of their internship in a grades 6-12 science setting.			
Prerequisite(s): All coursework and state exams completed and passed	Corequisite(s): SCE 4945		

**Course Competencies:** (for further instruction/guidelines go to: <http://www.mdc.edu/asa/curriculum.asp>)

1. The student will demonstrate knowledge of the role of the teacher by:

1. Designing instruction appropriate for all students that reflects an understanding of relevant science content and their students' critical thinking abilities based on continuous and appropriate assessments. (FEAP1, 4, 5, 8, 10, 11)
2. Varying science learning activities to accommodate different learning needs, developmental levels, experiential backgrounds, linguistic development, and cultural heritage. (FEAP 5, 7, 9, 10, 11)
3. Creating a classroom environment of respect and rapport that fosters a positive climate for learning, equity, and excellence. (FEAP 2, 5, 6, 9, 10, 11)
4. Promoting student learning by providing responsive instruction that makes use of effective communication techniques, instructional strategies that actively engage students in the learning process, and timely high-quality feedback. (FEAP 1, 2, 9, 10, 11, 12)
5. Establishing positive interactions with administrators, colleagues, parents, students, and other stakeholders. (FEAP 2, 3, 11)
6. Fulfilling professional roles and responsibilities and adhere to legal and ethical requirements of the profession. (FEAP 3, 6, 11)
7. Utilizing technology for instructional purposes to facilitate student learning and access to the curriculum while increasing productivity. (FEAP 1, 2, 10, 12)
8. Developing short and long term personal and professional goals related to the Florida Educator Accomplished Practices. (FEAP 1-12)

Revision Date: \_\_\_\_\_

Approved By Academic Dean Date: \_\_\_\_\_

Reviewed By Director of Academic Programs Date: \_\_\_\_\_