“SELECTED TOPICS IN EARTH SCIENCES”
BIOGEOGRAPHY AND GEOLOGY OF SOUTH CAROLINA
(1-6 HOURS OF GRADUATE CREDIT)

[This course will cover in detail the students’ choice of any one of the ten available online SC MAPS Teaching Units]

THIS COURSE IS DESIGNED AS AN ENRICHMENT EXPERIENCE FOR
TEACHERS WITH PREVIOUS EXPERIENCE IN SC MAPS OR THOSE WHO
NEED A COURSE FOCUSED ON NATURAL AND HUMAN HISTORY OF SC

No formal classes will be held [all lectures are on DVD and internet] + virtual field trip + final exam
Course work will be covered using a variety of distance learning technologies

Instructor = Dr. John Wagner, Geology K-12 Outreach Office, Clemson University
(864) 656-5024 <jrwgnr@clemson.edu>

TENTATIVE COURSE SYLLABUS

Student Participation Policy:
This course is primarily self-directed and requires mostly independent study. Students must contact the instructor at least once every three weeks, throughout the course of the semester, by either e-mail or telephone, to jointly assess progress towards course goals. Failure to maintain contact with the instructor will reduce the student’s grade by one letter grade.

Textbooks and Reference Materials
SC MAPS Teaching Manual: Cain, Wagner & Berry – available online
SC MAPS Portfolio of Cartographic Products – may be borrowed from Geology Outreach Office
SC MAPS Distance Learning Course Notes - see Clemson Geology K-12 Outreach website

Grading Scale/Requirements (each of the three units represents about 15 hours of class time)

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</th>
<th>Assignment/Activity</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100</td>
<td>Google Earth Assignment</td>
<td>10</td>
</tr>
<tr>
<td>B</td>
<td>80-90</td>
<td>Quizzes (3 @ 10 points)</td>
<td>30</td>
</tr>
<tr>
<td>C</td>
<td>70-80</td>
<td>Virtual Field Trip Assignment</td>
<td>10</td>
</tr>
<tr>
<td>D</td>
<td>60-70</td>
<td>Final Exam</td>
<td>40</td>
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<tr>
<td>F</td>
<td>0-60</td>
<td>Curriculum Integration Assignment</td>
<td>10</td>
</tr>
</tbody>
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Course Format:
- information on registration, payment of Clemson entrance fees, and other forms will be provided
- class assignments require internet access to Google Earth (instructions provided)
- class lectures will be provided on DVD; all assignments will be posted on website
- three quizzes will be given during the semester [must be proctored by administrator at school]
- the “Virtual Field Trip” and “Google Earth” assignment details will be provided as needed
- the final exam is primarily ‘performance-based’ [must be proctored by administrator at school]
- the ‘curriculum integration assignment’ is a detailed lesson plan showing how you will infuse SC MAPS into your own classroom situation (details provided online).

Useful Web Sites
Clemson Geology K-12 = <http://www.clemson.edu/ces/geolk12/gradcourses/geolbiogsc.html>
SC Life Home Page = <http://www.clemson.edu/sclife>
SC MAPS Home Page = <http://www.cas.sc.edu/cege/resources/scmaps/scmaps.html>