Instructor: Dr. William Veal
Office: Room 315, 86 Wentworth
School of Education, Health, and Human Performance
Contact Information: vawl@cofc.edu 953-8045 (office)
Please use email as a primary form of contact
Course Meetings: Section -001, Tuesday and Thursday 9:25-10:40 a.m.
Course Location: ECTR 215
Office Hours: Tuesdays and Thursdays 12:30-3:00

Course Description:
This is an introductory course in teaching science at the 2-8 grade levels. In this course you will study the nature of science, inquiry methods of teaching, science and engineering processes, assessment, and lesson planning focused within the context of science. As a result, the organization, content, and delivery of this course will focus on scientific processes and inquiry-based instruction. The course will provide the candidate with learning experiences in which he/she is engaged in science learning and instruction. Focus will be on lesson plan development and performance-based instruction.

Instructional Objectives:
The successful student will be able to:
• Plan Science Activities
• Understand Certain Scientific Content
• Recognize Inquiry Teaching and Learning
• Comprehend Content Pedagogy
• Appreciate Learner Diversity
It is not the intent of the instructor to make students teach in an inquiry fashion; rather this class will teach the components of inquiry teaching and constructivist learning using an inquiry approach. This approach works well with implementing performance-based standards. Ultimately each student must develop their own style of teaching.

Learning Outcomes:
As a result of this course, students will be able to:
• Develop a lesson plan using different formats and teaching methods
• Analyze national and SC science standards for science content and intent
• Reflect on science learning pedagogy and content
• Critically evaluate an assessment unit in science at a particular grade level

Textbooks, Equipment, and Technology
Textbook:
There is no textbook required for this course, but there will be an online subscription to the NSTA Learning Center that everyone must purchase. This can be found in the Student Bookstore or bought online. More information will be given in class.
Most readings and articles will be found on the NSTA Learning Center website. All students will become members of the NSTA Learning Center. Activities, readings, and some assignments will be through the NSTA professional development website.

iPads – Students will need to have a handheld DEVICE or computer in-class to be used every day. Activities will be optimized for the iPad so TEDU recommends that students get and use an iPad. Other devices will work, but it will be the student's responsibility to determine how to create the same output from a device other than an iPad. Google Docs and Google drive will be used in class and can be accessed from tablets or computers. Apps that will need to be downloaded or purchased are Science 360, iMovie, a word processor, and a note taker. Activities and homework assignments using this type of technology will be done in groups so there is no requirement for this class, but it is strongly suggested that you bring your own device. Use this link to apply for an iPad scholarship:

http://ehhp.cofc.edu/student-resources/scholarships.php  OR  
http://cofc.qualtrics.com/SE/?SID=SV_3sM3n0vH5YlyiH3

Technology:
Enrollment in this course requires you to utilize the following computer applications: PowerPoint, Excel, Internet/WWW, OAKS via Internet, e-mail, and Word Processing. These computer applications are available in the College of Charleston managed computer labs located in JC Long, the Library, and various other campus locations. If you do not have reliable access to these applications you should plan to use the campus computer laboratories. (See iPad item above.)

Program-Specific Elements:
National and State Objectives

Association for Childhood Education International (old Standards until new ones adopted)

2c. Science—Candidates know, understand, and use fundamental concepts in the subject matter of science—including physical, life, and earth and space sciences—as well as concepts in science and technology, science in personal and social perspectives, the history and nature of science, the unifying concepts of science, and the inquiry processes scientists use in discovery of new knowledge to build a base for scientific and technological literacy.

Association for Middle Level Education (AMLE) Standards

PRINCIPLE A: THE LEARNER AND LEARNING

Standard 1: Young Adolescent Development:
Middle level teacher candidates understand, use, and reflect on the major concepts, principles, theories, and research related to young adolescent development and use that knowledge in their practice. They demonstrate their ability to apply this knowledge when making curricular decisions, planning and implementing instruction, participating in middle level programs and practices, and providing healthy and effective learning environments for all young adolescents.

Element a. Knowledge of Young Adolescent Development: Middle level teacher candidates demonstrate a comprehensive knowledge of young adolescent development. They use this understanding of the intellectual, physical, social, emotional, and moral characteristics, needs, and interests of young adolescents to create healthy, respectful, supportive, and challenging learning environments for all young adolescents, including those whose language and cultures are different from their own.

Element b. Knowledge of the Implications of Diversity on Young Adolescent Development: Middle level teacher candidates demonstrate their understanding of the implications of diversity on the development of young adolescents. They implement curriculum and instruction that is responsive to young adolescents’ local, national, and international histories, language/dialects, and individual identities (e.g., race, ethnicity, culture, age, appearance, ability, sexual orientation, socioeconomic status, family composition). They
participate successfully in middle level practices that consider and celebrate the diversity of all young adolescents.

Element c. Implications of Young Adolescent Development for Middle Level Curriculum and Instruction. Middle level teacher candidates use their knowledge of young adolescent development when planning and implementing middle level curriculum and when selecting and using instructional strategies.

Element d. Implications of Young Adolescent Development for Middle Level Programs and Practices: Middle level teacher candidates apply their knowledge of young adolescent development when making decisions about their respective roles in creating and maintaining developmentally responsive learning environments. They demonstrate their ability to participate successfully in effective middle level school organizational practices such as interdisciplinary team organization and advisory programs.

PRINCIPLE C: INSTRUCTIONAL PRACTICE

Standard 4: Middle Level Instruction and Assessment
Middle level teacher candidates understand, use, and reflect on the major concepts, principles, theories, and research related to data-informed instruction and assessment. They employ a variety of developmentally appropriate instructional strategies, information literacy skills, and technologies to meet the learning needs of all young adolescents (e.g., race, ethnicity, culture, age, appearance, ability, sexual orientation, socioeconomic status, family composition).

Element a. Content Pedagogy: Middle level teacher candidates use their knowledge of instruction and assessment strategies that are especially effective in the subjects they teach.

Element b. Middle Level Instructional Strategies: Middle level teacher candidates employ a wide variety of effective teaching, learning, and assessment strategies. They use instructional strategies and technologies in ways that encourage exploration, creativity, and information literacy skills (e.g., critical thinking, problem solving, evaluation of information gained) so that young adolescents are actively engaged in their learning. They use instruction that is responsive to young adolescents’ local, national, and international histories, language/dialects, and individual identities (e.g., race, ethnicity, culture, age, appearance, ability, sexual orientation, socioeconomic status, family composition).

Element c. Middle Level Assessment and Data-informed Instruction: Middle level teacher candidates develop and administer assessments and use them as formative and summative tools to create meaningful learning experiences by assessing prior learning, implementing effective lessons, reflecting on young adolescent learning, and adjusting instruction based on the knowledge gained.

Element d. Young Adolescent Motivation: Middle level teacher candidates demonstrate their ability to motivate all young adolescents and facilitate their learning through a wide variety of developmentally responsive materials and resources (e.g., technology, manipulative materials, information literacy skills, contemporary media). They establish equitable, caring, and productive learning environments for all young adolescents.

National Science Teachers Association Standards

NSTA Standard 1: Content Knowledge
Effective teachers of science understand and articulate the knowledge and practices of contemporary science. They interrelate and interpret important concepts, ideas, and applications in their fields of licensure.

Preservice teachers will:
1c) Show an understanding of state and national curriculum standards and their impact on the content knowledge necessary for teaching P-12 students.

NSTA Standard 2: Content Pedagogy
Effective teachers of science understand how students learn and develop scientific knowledge. Preservice teachers use scientific inquiry to develop this knowledge for all students.

Preservice teachers will:
2a) Plan multiple lessons using a variety of inquiry approaches that demonstrate their knowledge and understanding of how all students learn science.
2b) Include active inquiry lessons where students collect and interpret data in order to develop and communicate concepts and understand scientific processes, relationships and natural patterns from empirical experiences. Applications of science-specific technology are included in the lessons when appropriate.

NSTA Standard 3: Learning Environments
Effective teachers of science are able to plan for engaging all students in science learning by setting appropriate goals that are consistent with knowledge of how students learn science and are aligned with state and
national standards. The plans reflect the nature and social context of science, inquiry, and appropriate safety considerations. Candidates design and select learning activities, instructional settings, and resources-including science-specific technology, to achieve those goals; and they plan fair and equitable assessment strategies to evaluate if the learning goals are met.

Preservice teachers will:

3a) Use a variety of strategies that demonstrate the candidates’ knowledge and understanding of how to select the appropriate teaching and learning activities—including laboratory or field settings and applicable instruments and/or technology—to allow access so that all students learn. These strategies are inclusive and motivating for all students.

3b) Develop lesson plans that include active inquiry lessons where students collect and interpret data using applicable science-specific technology in order to develop concepts, understand scientific processes, relationships and natural patterns from empirical experiences. These plans provide for equitable achievement of science literacy for all students.

3c) Plan fair and equitable assessment strategies to analyze student learning and to evaluate if the learning goals are met. Assessment strategies are designed to continuously evaluate preconceptions and ideas that students hold and the understandings that students have formulated.

International Society for Technology in Education

STANDARD 1: Facilitate and Inspire Student Learning and Creativity: Teachers use their knowledge of subject matter, teaching and learning, and technology to facilitate experiences that advance student learning, creativity, and innovation in both face-to-face and virtual environments.

STANDARD 2: Design and Develop Digital-Age Learning Experiences and Assessments: Teachers design, develop, and evaluate authentic learning experiences and assessment incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS•S.

STANDARD 3: Model Digital-Age Work and Learning: Teachers exhibit knowledge, skills, and work processes representative of an innovative professional in a global and digital society.

Course Alignment with Common Core Standards

College and Career Readiness Mathematics Practice Standards

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Mathematics Standards

1. Measurement & Data
2. Operations & Algebraic Thinking
3. Expressions & Equations
4. Ratios & Proportional Relationships

College and Career Readiness ELA Standards

Reading, Key ideas and details.

CCSS.ELA-Literacy.RL.3.1 CCSS.ELA-Literacy.RI.3.1 Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

CCSS.ELA-Literacy.RL.4.1 CCSS.ELA-Literacy.RI.4.1 Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.

CCSS.ELA-Literacy.RL.5.1 CCSS.ELA-Literacy.RI.5.1 Quote accurately from a text when explaining what the text says explicitly and when drawing inferences from the text.

CCSS.ELA-Literacy.RL.6.1 CCSS.ELA-Literacy.RI.6.1 Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
Field Experience:
Candidates will participate in thirty hours of a designated field experience that takes place in EDEE 382 or 384. You will have to complete one lesson plan in science for EDEE 368 using the classroom as your laboratory. Science lesson plans must be approved by the methods instructor and supervisor prior to teaching them in the classroom.

Grading Policy and Assignments

Late submissions of assignments are unacceptable under normal circumstances. Please do not attempt to submit any assignments after the due date. I will NOT accept any late work. If assignments are turned in late, it is the discretion of the professor to determine the amount of points to be taken off the final grade. If needed, the professor will provide ample feedback on any assignment if the assignment is emailed to him at least 3-4 days prior to due date. All assignments are required to be uploaded to a designated Dropbox in OAKS.

Any written assignment submitted is considered a final product that will be graded on both what is written (clarity, depth, and insight) and how it is written (the form of the written work). Therefore, it is crucial to realize that correct grammar and spelling, proper punctuation, adherence to assignment guidelines, and neatness will affect your grade. As an educator, you will be expected to demonstrate competency not only in verbal but also in written communication with parents, administrators, and other educators. Please use the resources around you to proofread and to edit your work. Rubrics for all assignments are provided on OAKS to assist you.

I encourage you to take advantage of the Writing Lab in the Center for Student Learning (Addlestone Library, first floor). Trained writing consultants can help with writing for all courses; they offer one-to-one consultations that address everything from brainstorming and developing ideas to crafting strong sentences and documenting sources. 843.953.5635 or http://csl.cofc.edu/labs/writing-lab/.

Due Dates:
Due dates for course assignments, as well as scheduled quizzes and assignments, are listed in the course calendar or are announced in class. No LATE assignments will be accepted. If there is a problem with submitting the assignment on time, please contact the professor ahead of time to ask for an extension (only extenuating circumstances will be allowed). If assignments are turned in late, it is the discretion of the professor to determine the amount of points to be taken off the final grade. If needed, the professor will provide ample feedback on any assignment if the assignment is emailed to him at least 3-4 days prior to due date.
<table>
<thead>
<tr>
<th>Assignment</th>
<th>Due Date</th>
<th>Points</th>
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<tbody>
<tr>
<td>Participation</td>
<td>4/26</td>
<td>25</td>
</tr>
<tr>
<td>3-Step LP – (pairs or solo)</td>
<td>1/19</td>
<td>25</td>
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<tr>
<td>5-E Learning Cycle LP – (pairs or solo)</td>
<td>1/28</td>
<td>50</td>
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<tr>
<td>Website Comparison (pairs)</td>
<td>2/23</td>
<td>50</td>
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<tr>
<td>Exam</td>
<td>4/2</td>
<td>70</td>
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<tr>
<td>Reflective Essays (6)</td>
<td>1/26, 2/16, 4/7</td>
<td>90</td>
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<tr>
<td>NSTA Online Content Assessment</td>
<td>3/1</td>
<td>50</td>
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<tr>
<td>5-E Inquiry LP (pairs or solo)</td>
<td>4/14</td>
<td>50</td>
</tr>
<tr>
<td>Assessment Portfolio (pairs or groups)</td>
<td>3/15</td>
<td>50</td>
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<tr>
<td>Final Exam</td>
<td>4/26</td>
<td>40</td>
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<tr>
<td>TOTAL POINTS*</td>
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*Points will change due to the questions used for the MidTerm.

**Grading Scale:**

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<tr>
<th>Grading Scale for Percent of Points</th>
<th>A</th>
<th>A-</th>
<th>B-</th>
<th>C+</th>
<th>D+</th>
<th>D-</th>
<th>70-71</th>
<th>72-74</th>
<th>75-76</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100</td>
<td>91-92</td>
<td>84-85</td>
<td>82-83</td>
<td>79-81</td>
<td>77-78</td>
<td>F</td>
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<td>A-</td>
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## Course Readings and Assignments:

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>Date</th>
<th>Readings/HW/Online</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NSTA Learning Center</td>
<td>Jan. 7</td>
<td>NSTA Registration and Pre-Assessment</td>
</tr>
<tr>
<td>2</td>
<td>5-E LP, Heart Rate 3-Step LP, Drops of Water Seasons</td>
<td>Jan. 12</td>
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<td></td>
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<td>Jan. 14</td>
<td><em>NSTA Pre-Assessment is Due.</em> See Reading List (#1-3)</td>
</tr>
<tr>
<td>3</td>
<td>Seasons, Misconceptions Technology Graphic Organizers</td>
<td>Jan. 19</td>
<td>3-Step LP due (pairs or solo) See Reading List (#4-6)</td>
</tr>
<tr>
<td></td>
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<td>Jan. 21</td>
<td>See Reading List (#7-8)</td>
</tr>
<tr>
<td>4</td>
<td>Diversity &amp; Assessment Literature &amp; Science</td>
<td>Jan. 26</td>
<td><em>Reflections 1 &amp; 2 due in DropBox on OAKS</em></td>
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<td></td>
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<td>Jan. 28</td>
<td><em>5-E LP due (pairs or solo)</em></td>
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<td></td>
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<td></td>
<td>See Reading List (#9-10)</td>
</tr>
<tr>
<td>5</td>
<td>NGSS, Un-packing Stds. Variables</td>
<td>Feb. 2</td>
<td>See Reading List (#13-15)</td>
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<td></td>
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<td>Feb. 4</td>
<td>See Reading List (#16-17)</td>
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<td>6</td>
<td>Design an Experiment NOS</td>
<td>Feb. 9</td>
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<td>Feb. 11</td>
<td>See Reading List (#18-20)</td>
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<tr>
<td>7</td>
<td>Website Comparison Claim-Evidence-Reasoning: Adaptations</td>
<td>Feb. 16</td>
<td><em>Reflections 3 &amp; 4 due in DropBox on OAKS</em></td>
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<td>Feb. 18</td>
<td><em>Website Comparison due in DropBox on OAKS</em></td>
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<td>8</td>
<td>Cleaner Tomorrow Mini-Units</td>
<td>Feb. 23</td>
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<td>Feb. 25</td>
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<tr>
<td>9</td>
<td>Foldables Online Calculators Assessment Portfolio</td>
<td>Mar. 1</td>
<td><em>NSTA Online Activity due in DropBox on OAKS</em></td>
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<tr>
<td></td>
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<td>Mar. 3</td>
<td>See Reading List (#21-22)</td>
</tr>
<tr>
<td>10</td>
<td><strong>Spring Break</strong></td>
<td><strong>5-13</strong></td>
<td><strong>NO CLASS</strong></td>
</tr>
<tr>
<td>11</td>
<td>Assessment Portfolio Constructivism &amp; Inquiry Candles</td>
<td>Mar. 15</td>
<td><em>Assessment Portfolio due in DropBox or Google Docs</em></td>
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<td></td>
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<td>Mar. 17</td>
<td>See Reading List (#23-25)</td>
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<tr>
<td>12</td>
<td>Parachutes &amp; Inquiry Parachutes &amp; Variables</td>
<td>Mar. 22</td>
<td>See Reading List (#26-27)</td>
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<td>Mar. 24</td>
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<tr>
<td>13</td>
<td>Inquiry Activity <em>Exam</em></td>
<td>Mar. 29</td>
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<td>Mar. 31</td>
<td><em>Exam</em></td>
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<tr>
<td>14</td>
<td>Levers &amp; FOSS kits FOSS kits and inquiry</td>
<td>April 5</td>
<td><em>Reflections 5 &amp; 6 due in DropBox on OAKS</em></td>
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<tr>
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<td>April 7</td>
<td>See Reading List (#28-29)</td>
</tr>
<tr>
<td>15</td>
<td>Circuits &amp; Inquiry Course Evaluations</td>
<td>April 12</td>
<td><em>5E Inquiry LP due at 8:00 a.m. in DropBox</em></td>
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<td></td>
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<td>April 14</td>
<td>See Reading List (#30)</td>
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<tr>
<td>16</td>
<td>Literature &amp; Science Freddy</td>
<td>April 19</td>
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<tr>
<td>17</td>
<td><strong>FINAL EXAM</strong></td>
<td>April 26</td>
<td>9:25 Section 8:00-11:00 a.m. 8:00 Section 12:00-3:00 p.m.</td>
</tr>
</tbody>
</table>
Participation: Each teacher candidate is expected to participate in classroom discussions and group work. You will not be allowed to text, phone, or email during class. These are all aspects of your professionalism and dispositions. Tardies and absences are also considered part of this assignment. Failure to sign up for the NSTA Learning Center will result in a loss of 5 points for participation. A breakdown of participation points is below:

- NSTA Learning Center – 5 pts.
- Discussion in Class that includes references to readings – 5 pts.
- Completing activities in class by taking notes, recording data, and writing conclusions – 5 pts.
- Contributing to pair and group work during activities – 5 pts.
- Dispositions related to attendance, working with others, and verbal discussions – 5 pts.

Exam and Final Exam:
There will be one Exam. The Exam will cover information learned over the course; readings, in-class discussions, class notes, and activities. It will include short answer and multiple choice questions. A study guide will be given for the Exam. The Final Exam will be the development of an Inquiry LP.

PROFESSIONAL BEHAVIOR/DISPOSITIONS: Students are responsible for all content and assignments for each class. They will be expected to demonstrate professional behaviors consistent with the following dispositions:

- The belief that all students can learn.
- Value and respect for difference.
- Value of positive human interaction.
- Intellectual curiosity and willingness to learn new knowledge.
- A commitment to inquiry, reflection and self-assessment.
- Value of responsible, collaborative, and cooperative work.
- Sensitivity to community and cultural context.
- Responsible and ethical practice

ATTENDANCE:
Class attendance and punctuality are expected professional behaviors. A candidate may be dropped from a course for excessive absences. Two absences for ANY reason will be allowed. All assignments are due on due date unless extenuating circumstances apply and student corresponds with professor ahead of time. Upon the third absence, a course participation grade will take into effect and reduce the candidate’s score by 5 points. Student will receive an email and it will be cc’d to department chair. Upon a fourth absence, the candidate will automatically be withdrawn from a course with the grade of WA/F. I will work with you, but it is your responsibility to contact me by phone or email ahead of time.

ABSENCES:
- Go to 67 George Street (white house next to Stern Center) to discuss absences and fill out the appropriate forms.
- Forms are online at: http://www.cofc.edu/studentaffairs/general_info/absence and they also can be faxed to the office at 953-2290.
- You will need documentation for health, personal or emergency situations.

MAKE-UP EXAMINATIONS, PRESENTATIONS, AND QUIZZES:
If an examination or assignment (other than the final examination) was missed for a legitimate reason, as determined by the professor, the professor has the discretion to administer a make-up session or allow
late work. It is the responsibility of the student to contact the professor within 48 hours and make arrangements for the make-up. This is to be done as soon as possible after the missed examination, presentation, or quiz. If accepted, late work or assignments will be reduced by a percentage determined by the professor.

**FINAL EXAMS:** The final exam for the course (which may be in the form of an examination, performance, or project) will **only** take place during the period scheduled for the final exam for the course. (Students who have more than two finals scheduled on the same day may arrange for an alternate time for one final exam through the Office of the Undergraduate Dean).

**PAPERS:** Papers will be word processed using the style of the Publication Manual of the American Psychological Association (Fifth Edition, 2001).

**WRITING LAB:**
I encourage you to take advantage of the Writing Lab in the Center for Student Learning (Addlestone Library, first floor). Trained writing consultants can help with writing for all courses; they offer one-to-one consultations that address everything from brainstorming and developing ideas to crafting strong sentences and documenting sources. For more information, please call 843.953.5635 or visit [http://csl.cofc.edu/labs-writing-lab/](http://csl.cofc.edu/labs-writing-lab/).

### Academic Integrity

**Honor System:**
Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when identified, are investigated. Each incident will be examined to determine the degree of deception involved. Incidents where the instructor determines the student’s actions are related more to a misunderstanding will handled by the instructor. A written intervention designed to help prevent the student from repeating the error will be given to the student. The intervention, submitted by form and signed by both the instructor and the student, will be forwarded to the Dean of Students and placed in the student’s file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XF in the course, indicating failure of the course due to academic dishonesty. This grade will appear on the student’s transcript for two years after which the student may petition for the X to be expunged. The student may also be placed on disciplinary probation, suspended (temporary removal) or expelled (permanent removal) from the College by the Honor Board.

Students should be aware that unauthorized collaboration—working together without permission— is a form of cheating. Unless the instructor specifies that students can work together on an assignment, quiz and/or test, no collaboration during the completion of the assignment is permitted. Other forms of cheating include possessing or using an unauthorized study aid (which could include accessing information stored on a cell phone), copying from others’ exams, fabricating data, and giving unauthorized assistance.

Research conducted and/or papers written for other classes cannot be used in whole or in part for any assignment in this class without obtaining prior permission from the instructor.

Students can find the complete Honor Code and all related processes in the *Student Handbook* at [http://www.cofc.edu/generaldocuments/handbook.pdf](http://www.cofc.edu/generaldocuments/handbook.pdf)
As EDEE is a dual program, in that we certify candidates for teacher certification, professors reserve the right to document violations that would impact student certification (e.g., attendance problems in field experiences, methods courses, and clinical practice, professionalism in schools, etc.).

**ADA Accommodations for Students with Disabilities**

In compliance with the Americans Disabilities Act (ADA), all qualified students are entitled to “reasonable accommodations.” Any students requiring accommodations should contact the Center for Disability Services (953-1431) and provide me with documentation of needed accommodations within the first two weeks of the course or as soon as they find out about potential accommodations if determined mid semester.

**Center for Student Learning:** I encourage you to utilize the Center for Student Learning’s (CSL) academic support services for assistance in study strategies and course content. They offer tutoring, Supplemental Instruction, study skills appointments, and workshops. Students of all abilities have become more successful using these programs throughout their academic career and the services are available to you at no additional cost. For more information regarding these services please visit the CSL website at http://csl.cofc.edu or call (843)953-5635.
School of Education Mission:
The mission of the School of Education at the College of Charleston is the development of educators and health professionals to lead a diverse community of learners toward an understanding of and active participation in a highly complex world. In pursuit of this mission, faculty and students will demonstrate:

- intellectual curiosity and rigor;
- reflective, research-based practice;
- collaboration and consensus building;
- field-oriented service and community outreach;
- and cultural sensitivity and understanding.

MAKE THE TEACHING AND LEARNING CONNECTION

Element of Teacher Competency 1: Understand and value the learner.
- Standard I: Evidence theoretical and practical understanding of the ways learners develop.

Element of Teacher Competency 2: Know what and how to teach and assess and how to create an environment in which learning occurs.
- Standard II: Demonstrate understanding and application of the critical attributes and pedagogy of the major content area.
- Standard III: Evidence a variety of strategies that optimize student learning.
- Standard VI: Demonstrate an understanding of the continuous nature of assessment and its role in facilitating learning.

Element of Teacher Competency 3: Understand oneself as a professional
- Standard IV: Participate in informed personal and shared decision making that has as its focus the enhancement of schooling and the profession.
- Standard V: Communicate effectively with students, parents, colleagues, and the community.
- Standard VII: Show an understanding of the culture and organization of schools and school systems and their connection to the larger society.

Middle Grades Mission Statement
The mission of the Middle Grades program in the Department of Teacher Education at the College of Charleston is to develop reflective practitioners with the knowledge, skills, and dispositions to help adolescent learners succeed. The program develops collaborative, reflective practitioners that understand the unique needs of adolescent learners through high quality formal and informal instructional settings. The Middle Grades program prepares adolescent practitioners to develop effective teaching methods and learning environments, reflect on instruction, and make a positive impact on student learning.