

**Class Assignments for Science ECED 4332, Mrs. Franklin**  
**Spring 2008**

**1. Demonstrate/Present Science Method & Experiment (100 points) - Due: Jan 22, Jan 29, Feb 5, Feb 21, March 11, March 13: CFP 5, 6, 7**

You will sign up to present a Life, Physical, or Earth/Space Science topic using one or more of the 12 scientific processes and one experiment. These topics can be presented alone or with one other person. The presentation should be interactive, creative, use the Inquiry Method, and not be more than 30 minutes.

**2. Midterm (100 points) – Due: February 28: CFP 1, 4,6,7,8**

**3. Science Experiment Folder (50 points) – Due: March 11: CFP 3, 4**

You will make a folder of at least 8 science experiments that you would use in the elementary classroom. You will attach an information sheet that lists what science it falls under :( Life, Physical, Earth/Space), what specific scientific concept you are teaching, the appropriate grade levels, and the GPS standards that apply. Feel free to adapt and improve upon any lessons you may find and state how you can demonstrate the lesson using the Inquiry Method.

\*These should be practical experiments that you will use when you begin teaching.

**4. Lesson Plans/Reflective Journal (200 points) – Due: April 22**

You will plan and teach 5 lessons in your lab experience. Use the lesson plan format provided in Live Text. The reflection should address your impact on student learning. Please post these to Live Text and provide a hard copy of completed lesson plans and reflections to your instructor. Once you have completed the lab experience, you will turn in your lesson plan and your lesson reflections as part of the final grade in this course. The lab teacher's assessment will cover the professional qualities and performance assessment categories.

*Note: If a student does not pass the course-related lab experience, they will not receive a passing grade in the course.*

**All of the following should be included in each lesson plan:**

- a. five related lesson plans
  1. GPS addressed
  2. assessments
  3. procedure
  4. materials
  5. safety
  6. essential questions
- b. at least one accommodation for those with special needs for at least one lesson
- c. at least one application using technology for at least one lesson

\*Reflections on lab work to be presented on Live Text.

**5. Science Journal (25 points)-Due: Jan 17, Jan 24, Feb 5, Feb 21, March 11**

You will keep a science journal during this course and make observations, draw diagrams/models, pose "I Wonder" questions etc. as you observe and participate in experiments and animal studies. These journals will be checked periodically throughout the course.

**6. Attendance and Participation (25 points)**

\*Class attendance, participation, preparation, and fulfillment of all homework assignments are expected. If you need to miss a class, please let me know ahead of time. Two or more unexcused absences will adversely affect your grade. Two points will be taken off your participation grade for each absence. *You may be dropped from this class after the third absence.*

\*Your first tardy will be excused. But one point will be deducted for every tardy thereafter.

**You are required to attend all assigned lab days.**

Only in extreme emergencies are you allowed to miss. If an absence occurs, you are to notify the school, your lab teacher, and your professor. You will be required to make up all missed lab time. Failure to complete required lab time or assignments will result in failing the course.

**Course Expectations:**

Turn off cell phones, beepers, etc. Do not take them to lab schools.

Assignments are due at the beginning of the class. Assignments received after class on the due date will be given a 10-point deduction. Another 10 points will be deducted for each additional day, including lab lesson plans. Assignments received three or more days late will not be accepted. Unless otherwise noted, assignments should be typed. **Use APA style for references as needed.**

Some assignments may be revised with the recommendation of the instructor. If you choose to take the revision opportunity, the assignment must be returned by the given date. The revised grade will be the average of the original grade and the revision grade.

You are expected to check your ASU Campus Pipeline Email Account on a **regular basis**. Messages will be forwarded to you from the instructor. This will be especially important during lab.

Papers and projects will need to be picked-up within a 3 week time frame after they have been graded. Failure to pick up papers may cause them to be thrown away.

**Grading Scale :**

450-500 = A    400-449 = B    350-399 = C    300-349 = D    <300 = F