This course is designed to provide students with supervised tutorial experiences with school-aged children. Focus is on observation of students, development of math lesson plans, math instruction for individual students, evaluation of student performance, interacting with parents, and reflecting on instructional performance.

The student will make decisions about tutoring in mathematics and reflect on these decisions as they plan their next lesson.

*The Education Laboratory is a critical component of the Elementary Education Program of the Watson College of Education. The programs of the Ed Lab support the Mission and Value Statements of the College of Education:*

*The mission of the Watson College of Education is to develop knowledgeable and proficient education professionals dedicated to improving schools and society. We address this mission by:*

- Providing academically rigorous programs;
- Producing and using meaningful scholarship;
- Partnering with schools, organizations and diverse communities;
- Advancing the profession.

*The values we support as we prepare future educators are: Advocacy, diversity, ethics, global perspectives, innovation, inquiry, nurturing, and reflection.*

**Course Objectives**

**NC Professional Teaching Standard 2 Teachers Establish a Respectful Environment for a Diverse Population of Students**

1. Establish a positive, nurturing learning environment
2. Individualize instruction
3. Generate effective oral and written communication with parents and professional educators.

(Watson College Values: Diversity, Advocacy, Nurturing)

**NC Professional Teaching Standard 3 Teachers Know the Content They Teach**

4. Demonstrate ability to make appropriate decisions regarding math lesson planning and assessment.
5. Implement instruction consistent with the needs of the child.
6. Align instruction to NC Standard Course of Study

(Watson College Values: Advocacy, Inquiry)

**NC Professional Teaching Standard 4 Teachers Facilitate Learning for Their Students**

7. Generate a synthesis of diagnostic data relevant to math instruction regarding a child.
8. Design activities to help a child develop concepts, learn number facts, and other math skills.
9. Generate instructional sequences to meet lesson objectives. Include the use of manipulatives and technology.

(Watson College Values: Diversity, Ethics, Nurturing)

**NC Professional Teaching Standard 5 Teachers Reflect on Their Practice**

10. Generate an analysis of strengths and areas for further development toward one’s own professional growth.

(Watson College Values: Reflection, Inquiry, Innovation)

**Course Materials**

EDN/EDNL 322 Math Methods Course Packet. This Methods/Lab Course Pack is available online at [www.uncw.edu/ed/edlab](http://www.uncw.edu/ed/edlab). Choose ‘WSE Students’ on the left-hand side of the screen.
Class Activities

1. Tutor a child under supervision for 10 hours. (Failure to meet the required hours will result in a reduction in grade.)
2. Generate written plans for each session including at least 2-3 objectives, at least three lesson activities to meet the objectives, and reflections on effectiveness of your instruction.
3. Participate in all lab class meetings.
4. Conduct assessments with your child (from methods course and course pack)
5. Generate a math activity (from methods class) for use in the Math Fair.
6. Preview and use math software during at least one tutoring session.
7. Generate a Learner Growth Plan for your learner and yourself.

Zero Tolerance Policy

UNCW practices a zero-tolerance policy for violence and harassment of any kind. For emergencies contact UNCW CARE at 962-2273, Campus Police at 962-3184 or Wilmington Police at 911. For University and community resources visit uncw.edu/wrc/crisis.

Disabilities

If you are a person with a disability and anticipate needing accommodations of any type in order to participate in this class, you must notify Disability Service (Friday Annex, 910-962-3746) to provide the necessary documentation of the disability and arrange for appropriate authorized accommodations. Once these accommodations are approved, please identify yourself to an Ed Lab staff member in order that we can implement the accommodations.

Grading

This Lab is a Co-requisite with EDN 322 Elementary Math Methods, therefore you must pass the methods course in order to pass this lab.

Grading will be based upon 100 points.

A = 90 - 100  D = 60 - 69
B = 80 - 89   F = Below 60
C = 70 - 79

+/- may be given at instructor’s discretion
Failure to meet the required hours will result in a reduction in grade.

Written plans  20 points
Generate one plan for each tutoring session on the required form
Plans must be approved by lab staff before tutoring.
Write appropriate math objectives and strategies
Plans illustrate flow of observations and reflections

Quality of plans  10 points

Professional Behavior*  20 points
Responsible for procedures (10)
Positive professional attitude, flexible, seeks help when needed (5)
On-going communication with parent/teacher, values input (5)

Parent/Teacher Conference
Professional attire/manner, well prepared  10 points
Evidence of child products (include assessments and samples of student work),
Open to questions, recommendations made

**Ed Lab Map Quest**
Complete a survey of the instructional materials available for teaching 5 points

**Lab Class Attendance** (with lab packet) 15 points
1 absence = 10 points  2 absences = 5 points  3 or more absences = 0  2 tardies = 1 absence

**Learner Growth Plan** 20 points

* Tutors must notify Ed Lab Staff of any changes to their tutoring schedules.
  Tutors must call the Ed Lab first and then notify the parent when canceling a session.