

## **MATH 119-01: First Year Seminar: Mathematics**

ROBI 408: T 2:10-3:00 (1 credit)

**Professor:** Steve Williams, Ph.D.

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**Office:** ROBI 405 ext 2275

**Office Hours:** MWF: 9:00 – 10:00

**Website:** <http://www.lhup.edu/swillia6>

TR: 12:00 – 1:00

### **I. CATALOG COURSE DESCRIPTION:**

Designed to embed education program requirements into a required course and to support student achievement of Education Program requirements. This course addresses topics taught in freshman seminars. Restricted to first-year secondary education mathematics majors or B.A. mathematics majors.

### **II. COMPREHENSIVE DESCRIPTION:**

Instruction and activities in the seminars will assist student understanding and achievement of the requirements of PDE, NCATE, INTASC, ISTE, and individual SPAs which are not currently addressed in existing courses. Each seminar will address specific topics focusing on the requirements and needs of students at each stage of their course of study. The seminars will also address topics taught in the generic freshmen seminars, such as study skills, University services and opportunities, etc.

### **III. OBJECTIVES:**

Upon completion of this course, students will be able to do the following:

1. describe the conceptual framework and explain its role in preparing LHUP students to become teachers.
2. explain the services available such as the library, the math and writing centers, and other support groups.
3. describe standards-based education.
4. explain the meaning of the INTASC, SPA, NCATE, and PDE standards.
5. evaluate their technology skills.
6. recognize diverse learning needs and environments.
7. identify components of the assessment plan and student responsibilities.
8. identify attributes and ethics of professionalism and demonstrate a professional attitude in various settings (i.e. dress, formal communication, punctuality, confidentiality, ethical behavior, etc.)
9. know the skills needed to be successful at the university level.
10. complete certain requirements as prescribed by the LHU Unit Assessment Plan and the Secondary Mathematics Education Program Assessment Plan.

### **IV. ACTIVITIES:**

Students will visit various sites on campus to become acquainted with support services and facilities. Students will examine the difference between high school and college, as well as study skills that will help with academic success. They will attend lectures on a variety of topics including diversity in the classroom. They will actively engage in seminars on professional topics, such as the conceptual framework, PA State Standards, and the INTASC standards. The Guidebook for Secondary Mathematics Education students will be discussed.

## **V. THEMES TO BE EXAMINED:**

1. The difference between high school and college
2. Study skills for academic success
3. Learning styles
4. University services and opportunities
5. Getting involved on campus
6. Course sequences: What is required and when to take it
7. Using the library
8. Pre-registration and online registering
9. The Mathematics Club
10. The LHUP website
11. Finals schedule
12. The student handbook
  
13. The Conceptual Framework
14. Standards: PDE, NCATE, INTASC, ISTE, SPA
15. Praxis tests
16. LiveText
17. Diversity plan
18. The Assessment Plan
19. The Guidebook for Secondary Mathematics Education students
20. Requirements for Stages in Teacher Education
21. Philosophy of Education essay
22. Why I want to become a Teacher essay

## **VI. EVALUATION:**

This course is graded as pass/fail. In order to pass the course, you need to not miss more than two class meetings and complete all assignments given. No grade on any assignments are given. Failure to do any of them by the end of the course will constitute a failing grade.

## **VII. SPECIAL SERVICES:**

Any student requiring any accommodations for this course should make arrangements to discuss his or her needs with me as soon as possible. LHUP does not discriminate against those students requiring special services. You should see Dr. Rey Junco in Russell 104 to document any services needed.

## **VIII. OFFICE HOURS**

I enjoy helping my students inside and outside of class. My official office hours are posted on my door and are on the front of this syllabus. However, I will be on campus much more often than these times, so please feel free to call or stop by if you need help. Email is always a great way to contact me.

**GOOD LUCK AND HAVE A GREAT SEMESTER**

**NOTE: Sign and return this part of this document**

I, \_\_\_\_\_ (print your name) acknowledge that I have received/retrieved a copy of the syllabus for MATH119 and have had the chance to discuss any matters in the document with the professor. Signing this document does not imply that I agree with everything in the syllabus, just that I have received/retrieved a copy of it from the professor or his website.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date