

 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>COURSE CHANGE REQUEST</b> <b>Graduate Programs</b>		UGPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____
	<b>Department</b> Mathematical Sciences  <b>College</b> Science		
<b>Current Course Prefix and Number</b> MAT 5946		<b>Current Course Title</b> Supervised University Instruction in Mathematics	
Syllabus must be attached for <b>ANY</b> changes to current course details. See <a href="#">Guidelines</a> . Please consult and list departments that may be affected by the changes; attach documentation.			
<b>Change title to:</b>   <b>Change prefix</b> <b>From:</b> <b>To:</b>  <b>Change course number</b> <b>From:</b> <b>To:</b>  <b>Change credits*</b> <b>From:</b> <b>To:</b>  <b>Change grading</b> <b>From:</b> <b>To:</b>  <small>*Review <a href="#">Provost Memorandum</a></small>		<b>Change description to:</b>   <b>Change prerequisites/minimum grades to:</b> None  <b>Change corequisites to:</b>   <b>Change registration controls to:</b> Permission of instructor  Please list existing and new pre/corequisites, specify AND or OR and include minimum passing grade.	
<b>Effective Date</b> <small>(TERM &amp; YEAR)</small> Spring 2021		<b>Terminate course</b> <b>List final active term</b>	
<b>Faculty Contact/Email/Phone</b> Xiao-Dong Zhang, xzhang@fau.edu			
<b>Approved by</b> Department Chair _____ College Curriculum Chair <u>Christopher Beetle</u> 2020.11.09 20:32:34 -05'00' College Dean <u>William David Kulis</u> UGPC Chair <u>Christopher Beetle</u> UGC Chair <u>Paul R. Peluso</u> <small>Paul R. Peluso (Nov 18, 2020 08:43 EST)</small> Graduate College Dean <u>Paul R. Peluso</u> UFS President _____ Provost _____			<b>Date</b> Nov 9, 2020  _____ 11/9/2020 Nov 17, 2020 Nov 18, 2020 Nov 18, 2020 _____ _____

Email this form and syllabus to [UGPC@fau.edu](mailto:UGPC@fau.edu) one week before the UGPC meeting.

# **Supervised University Instruction in Mathematics Course Syllabus**

## **1. Course Number: MAT 5946**

**Number of Credits: 3**

## **2. Course Prerequisites:**

None

## **3. Course Logistics:**

(a) Taught in a 15-week semester in lecture-discussion style in-person or online.

(b) Class Time and Location: TBA

## **4. Instructor information:**

(a) Dr. Xiao-Dong Zhang

(b) Office Location: SE 274

(c) Email: [xzhang@fau.edu](mailto:xzhang@fau.edu)

(d) Office Hours: TBA

## **5. Course Description:**

Graduate Teaching Assistants in the Department of Mathematical Sciences play an important role in the instruction of undergraduate math courses. This course will introduce essential information about the content and structure of calculus and pre-calculus courses at FAU. In addition, graduate teaching assistants will receive guidance on how best to interact with undergraduates both in the classroom and in office hours.

## **6. Course Material:**

No specific textbook will be used for this course. Instead some chapters and sections of the following books will be used for your teaching presentations and the files are available on Canvas:

(1) Algebra & Trigonometry 9th Edition by Michael Sullivan,

(2) Calculus - Early Transcendentals, 6th Edition, by James Stewart

## **7. Course Objectives:**

After completing this course, you should be able to:

(a) Understand general responsibilities of GTAs and expectations

(b) Identify traits that make a strong GTA

(c) Recognize and report breaches in academic integrity

(d) Respond to harassment and discrimination

(e) Respond to student behaviors

## **8. Assessment Procedure and Grading:**

The grade mode for this course is Standard Grade Mode (letter grades). During the term of the course, students are expected to make six teaching presentations. These presentations are followed up with a discussion. If the quality of teaching is satisfactory, no more observations are made, but if problems are perceived, then another observation will be made to see if the suggestions are being implemented. For each presentation, the graduate student will write a self-evaluation describing his or her perceived strengths and weaknesses and discussing ways to improve. Students are expected to attend the class regularly and participate in class discussions. Attendance will be taken on every class day. In addition to these, other homework assignments will also be given. The teaching presentations count for 60% of the course grade and attendance counts for 20%. Other homework assignments count for the remaining 20%. If a student is absent for five or more times without any valid reason, the student will receive an F. The grade scale is given below:

A  $\geq$  90%, A-  $\geq$  88%, B+  $\geq$  85%, B  $\geq$  80%, B-  $\geq$  78%, C+  $\geq$  75%, C  $\geq$  70%, C-  $\geq$  65%, D  $\geq$  60%, and F < 60%

## **9. Policy on makeup and late work:**

If you cannot complete an assignment on time due to a relevant and documented reason, you can make up the respective assignment. Late work without any reason will not be accepted.

## **10. Course Topical Outline:**

Week 1: Purpose of the course. Student self-introduction. Duties of a teacher.

Week 2: Instructor gives two teaching presentations as examples for students. Teaching Methods.

Week 3: First round of teaching presentations begins

Week 4: First round of teaching presentations ends. Instructor's summary of the first round.

Week 5: Second round of teaching presentations begins

Week 6: Second round of teaching presentations ends. Instructor's summary of the second round.

Week 7: Third round of teaching presentations begins

Week 8: Third round of teaching presentations ends. Instructor's summary of the third round.

Week 9: Fourth round of teaching presentations begins

Week 10: Fourth round of teaching presentations ends. Instructor's summary of the fourth round.

Week 11: Fifth round of teaching presentations begins

Week 12: Fifth round of teaching presentations ends. Instructor's summary of the fifth round.

Week 13: Sixth round of teaching presentations begins

Week 14: Sixth round of teaching presentations ends. Instructor's summary of the sixth round.

Week 15: More on a teacher's duty. How to deal with student interruptions and student complaints. End of the course summary.

## **11. Incomplete Grades:**

A grade of I (incomplete) will only be given under certain conditions and in accordance with the academic policies and regulations put forward in FAU's University Catalog. The student has to show exceptional circumstances why requirements cannot be met. A request for an incomplete grade has to be made in writing with supporting documentation, where appropriate.

## **12. Disability policy statement:**

In compliance with the Americans with Disabilities Act Amendments Act (ADAAA), students who require reasonable accommodations due to a disability to properly execute coursework must register with Student Accessibility Services (SAS)-in Boca Raton, SU 133 (561-297-3880); in Davie, LA 131 (954-236-1222); or in Jupiter, SR 110 (561-799-8585) -and follow all SAS procedures.

SAS website: <http://www.fau.edu/sas/>

## **13. Code of Academic Integrity Policy Statement:**

Students at Florida Atlantic University are expected to maintain the highest ethical standards. Academic dishonesty is considered a serious breach of these ethical standards, because it interferes with the university mission to provide a high quality education in which no student enjoys an unfair advantage over any other. Academic dishonesty is also destructive of the university community, which is grounded in a system of mutual trust and places high value on personal integrity and individual responsibility. Harsh penalties are associated with academic dishonesty. For more information, see University Regulation 4.001 at [http://www.fau.edu/regulations/chapter4/4.001 Code of Academic Integrity.pdf](http://www.fau.edu/regulations/chapter4/4.001%20Code%20of%20Academic%20Integrity.pdf)

## **14. Classroom Etiquette Policy:**

University policy on the use of electronic devices states: "In order to enhance and maintain a productive atmosphere for education, personal communication devices, such as cellular telephones and pagers, are to be disabled in class sessions." Please refer to the FAU Student Code of Conduct available at the link:

[http://www.fau.edu/artsandletters/new-pdfs/4.007.Student Code of Conduct.pdf](http://www.fau.edu/artsandletters/new-pdfs/4.007.Student%20Code%20of%20Conduct.pdf)

## **15. Counseling and Psychological Services (CAPS) Center:**

Life as a university student can be challenging physically, mentally and emotionally. Students who find stress negatively affecting their ability to achieve academic or personal goals may wish to consider utilizing FAU's Counseling and Psychological Services (CAPS) Center. CAPS provides FAU students a range of services - individual counseling, support meetings, and psychiatric services, to name a few - offered to help improve and maintain emotional well-being. For more information, go to <http://www.fau.edu/counseling/>

**This syllabus is subject to reasonable changes at the discretion of the instructor.**