



**FLORIDA  
ATLANTIC  
UNIVERSITY**

**NEW COURSE PROPOSAL  
Undergraduate Programs**

**Department** Mathematical Sciences  
**College** Charles E. Schmidt College of Science  
*(To obtain a course number, contact erudolph@fau.edu)*

UUPC Approval 4/2/18  
UFS Approval \_\_\_\_\_  
SCNS Submittal \_\_\_\_\_  
Confirmed \_\_\_\_\_  
Banner Posted \_\_\_\_\_  
Catalog \_\_\_\_\_

<b>Prefix</b> MAA	(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)	<b>Type of Course</b>	<b>Course Title</b>
<b>Number</b> 3204		Lecture	
<b>Lab Code</b>			

<b>Credits</b> (Review Provost Memorandum) 3	<b>Grading</b> (Select One Option) Regular <input checked="" type="radio"/> Pass/Fail <input type="radio"/> Sat/UnSat <input type="radio"/>	<b>Course Description</b> (Syllabus must be attached; Syllabus Checklist recommended; see Guidelines) This course serves as a transition into advanced mathematics courses. Students will learn the formalism for correctly doing and writing proofs in mathematics. Topics include logic and language of proofs, set theory, mathematical induction, relations and orders, functions, and foundations of advanced calculus.
<b>Effective Date</b> (TERM & YEAR) Fall 2018		

<b>Prerequisites, with minimum grade*</b> MAC 2312 with minimum grade C.	<b>Corequisites</b>	<b>Registration Controls</b> (Major, College, Level)
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*\*Default minimum passing grade is D-. Prereqs., Coreqs. & Reg. Controls are enforced for all sections of course*

<b>WAC/Gordon Rule Course</b> <input type="radio"/> Yes <input checked="" type="radio"/> No <small>WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See <a href="#">WAC Guidelines</a>.</small>	<b>Intellectual Foundations Program (General Education) Requirement</b> (Select One Option) None <small>General Education criteria must be indicated in the syllabus and approval attached to the proposal. See <a href="#">GE Guidelines</a>.</small>
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**Minimum qualifications to teach course**  
PHD in Mathematics or related fields

<b>Faculty Contact/Email/Phone</b> Xiao-Dong Zhang, xzhang@fau.edu, 7-2488	<b>List/Attach comments from departments affected by new course</b> College of Engineering and College of Education have supported this course.
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<b>Approved by</b>	<b>Date</b>
Department Chair <u>[Signature]</u>	3-2-18
College Curriculum Chair <u>[Signature]</u>	
College Dean <u>[Signature]</u>	
UUPC Chair <u>[Signature]</u>	4/2/18
Undergraduate Studies Dean <u>[Signature]</u>	4/6/18
UFS President _____	
Provost _____	

Email this form and syllabus to [mjenning@fau.edu](mailto:mjenning@fau.edu) seven business days before the UUPC meeting.