
 <b>FLORIDA ATLANTIC UNIVERSITY</b>	<b>NEW COURSE PROPOSAL</b> <b>Undergraduate Programs</b>		UUPC Approval _____ UFS Approval _____ SCNS Submittal _____ Confirmed _____ Banner Posted _____ Catalog _____	
	<b>Department</b> Mathematical Sciences  <b>College</b> Charles E. Schmidt College of Science (To obtain a course number, contact <a href="mailto:erudolph@fau.edu">erudolph@fau.edu</a> )			
<b>Prefix</b> MAA  <b>Number</b> 3204	(L = Lab Course; C = Combined Lecture/Lab; add if appropriate)  <b>Lab Code</b>	<b>Type of Course</b> <div style="border: 1px solid black; padding: 2px; width: fit-content;">Lecture</div>	<b>Course Title</b> Introduction to Advanced Mathematics	
<b>Credits</b> (Review Provost Memorandum)  3	<b>Grading</b> (Select One Option)  <b>Regular</b> <input checked="" type="radio"/> <b>Pass/Fail</b> <input type="radio"/> <b>Sat/UnSat</b> <input type="radio"/>	<b>Course Description</b> (Syllabus must be attached; Syllabus <a href="#">Checklist</a> recommended; see <a href="#">Guidelines</a> ) 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)	
<i>*Default minimum passing grade is D-. Prereqs., Coreqs. &amp; Reg. Controls are enforced for all sections of course</i>				
<b>WAC/Gordon Rule Course</b>  <input type="radio"/> Yes <input checked="" type="radio"/> No  WAC/Gordon Rule criteria must be indicated in syllabus and approval attached to proposal. See <a href="#">WAC Guidelines</a> .		<b>Intellectual Foundations Program (General Education) Requirement</b> (Select One Option)  None  General Education criteria must be indicated in the syllabus and approval attached to the proposal. See <a href="#">GE Guidelines</a> .		
<b>Minimum qualifications to teach course</b> 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.		
<b>Approved by</b> Department Chair  College Curriculum Chair _____ College Dean _____ UUPC Chair _____ Undergraduate Studies Dean _____ UFS President _____ Provost _____			<b>Date</b> 3-2-18 _____ _____ _____ _____ _____	

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