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Written Consent—required from all

 $\underline{www.fau.edu/graduate/gpc/index.php}$ to download this form and guidelines to fill

departments affected.

out the form.

## MEW COUDER DRODGE AT

Graduate Programs—	NEW COURSE	RUPUSAL	WEB POSTED		
DEPARTMENT NAME: MATHEMATICAL SCIENCES	College of Science	College of: Science			
RECOMMENDED COURSE IDENTIFICATION:	EFFECTIVE DATE				
PREFIXMAA Course N	UMBER5105 L	AB CODE (L or C)			
(To obtain a course number, go to www.fau.edu/academic/registrar/UUPCinfo/)					
COMPLETE COURSE TITLE	FALL 2008				
MULTIVARIABLE ANALYSIS					
CREDITS: TEXTBOO	K INFORMATION:				
3 Analys					
GRADING (SELECT ONLY ONE GRADING OPTION): R	EGULARX	Pass/Fail	SATISFACTORY/UNSATISFACTORY		
Course Description, no more than 3 lines:					
Euclidean space, rank theorem, tangent spaces, the derivative as a linear transformation, differential forms, integration on manifolds, Stoke's Theorem.  PREREQUISITES: OTHER REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL):					
	JISITES:	OTHER REGISTRATION C	ONTROLS (MAJOR, COLLEGE, LEVEL):		
MAA 4200, MAS 4107					
Prerequisites, Corequisites & Registration Controls shown above will be enforced for all course sections					
MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE: PH.D. IN THE MATHEMATICAL SCIENCES					
Other departments, colleges that might be affected by the new course must be consulted. List entities that have been consulted and attach written comments from each. None					
W. Kalies, <u>wkalies@fau.edu</u> , (561) 297-1107					
Faculty Contact, Email, Complete Phone Number					
SIGNATURES SUPPORTING MATERIALS					
Approved by:		Date:	<b>Syllabus</b> —must include all details as shown in the UGPC Guidelines.		
Department Chair:			Written Consent required from all		

Email this form and syllabus to sfulks@fau.edu and eqirjo@fau.edu one week before the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website by committee members prior to the meeting.

College Dean:

UGPC Chair: \_\_\_\_\_

Dean, Graduate Studies:

College Curriculum Chair: