**Graduate Programs—COURSE CHANGE REQUEST**

**DEPARTMENT NAME:** Mathematical Sciences  
**COLLEGE OF:** Science

**COURSE PREFIX & NUMBER:** MAA 5228  
**CURRENT COURSE TITLE:** Introductory Analysis 1

**CHANGE(S) REQUESTED**

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<tbody>
<tr>
<td><strong>CHANGE PREFIX FROM</strong></td>
<td><strong>CHANGE TITLE TO:</strong></td>
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<tr>
<td><strong>CHANGE COURSE NO. FROM</strong></td>
<td><strong>CHANGE DESCRIPTION TO:</strong></td>
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<td><strong>CHANGE CREDITS FROM</strong></td>
<td>Metric space topology, uniform convergence, Arzela-Ascoli theorem, differentiation and integration of single variable functions, power series, Stone-Weierstrass Theorem, measure theory, Lebesgue integral, convergence theorems for the Lebesgue integral, absolute continuity, the fundamental theorem of calculus.</td>
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<td><strong>CHANGE PREREQUISITES TO:</strong></td>
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<td><strong>CHANGE COREQUISITES TO:</strong></td>
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<td><strong>CHANGE OTHER REGISTRATION CONTROLS TO:</strong></td>
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<td><strong>CHANGE GRADING FROM</strong></td>
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<td><strong>OTHER</strong></td>
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**CHANGES TO BE EFFECTIVE (TERM):**  
**FALL 2008**  
Attach syllabus for ANY changes to current course information.

Will the requested change(s) cause this course to overlap any other FAU course(s)? If yes, please list course(s).  
**YES**  
**NO**  
**X**

**TERMINATE COURSE, EFFECTIVE (GIVE LAST TERM COURSE IS TO BE ACTIVE):**

Faculty Contact, Email, Complete Phone Number:  
**W. KALIES, WKALIES@FAU.EDU, (561) 297-1107**

**SIGNATURES**

**Approved by:**  
Department Chair: ____________________________  
College Curriculum Chair: ________________________  
College Dean: _______________________________  
UGPC Chair: _______________________________  
Dean, Graduate Studies: _______________________  
**Date:**  
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**SUPPORTING MATERIALS**

**Syllabus**—must include all criteria as detailed in UGPC Guidelines.  
Go to: [www.fau.edu/graduate/gpc/index.php](http://www.fau.edu/graduate/gpc/index.php) to access Guidelines and to download this form.

**Written Consent**—required from all departments affected.

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.