Undergraduate Programs—NEW COURSE PROPOSAL

DEPARTMENT: N/A  COLLEGE: Wilkes Honors College

RECOMMENDED COURSE IDENTIFICATION:

PREFIX _____ COURSE NUMBER __ 4202 _____ LAB CODE (L or C) _____

(TO OBTAIN A COURSE NUMBER, CONTACT PSHIMAN@FAU.EDU)

COMPLETE COURSE TITLE: Honors Modern Analysis 2

EFFECTIVE DATE

(first term course will be offered)

SPRING 2013

CREDITS: 3  TEXTBOOK INFORMATION:

N. L. Carothers, Real Analysis, Cambridge University press, 2000

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR _____ PASS/FAIL _____ SATISFACTORY/UNSATISFACTORY _____

COURSE DESCRIPTION, NO MORE THAN THREE LINES: Rigorous development of the key concepts and theorems of integral calculus. Topics include the Riemann integral and its properties, a restatement of the key concepts of real analysis in the context of metric spaces and function spaces, and an introduction to measure theory and the Lebesgue integral.

PREREQUISITES W/MINIMUM GRADE*: MAA 4200/C

COREQUISITES*:

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

*DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:

WAC/GORDON RULE COURSE

YES _____ NO _____

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: www.fau.edu/WAC

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION):

Written Communication  Society/Human Behavior
Mathematics/Quant. Reas.  Global Citizenship
Science/Natural World  Creative Expression

Must attach the appropriate General Education Course Approval Request: www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php

Faculty contact, email and complete phone number:
Terje Hoim
thoim@fau.edu
799-8673

Please consult and list departments that might be affected by the new course and attach comments.

Approved by:
Department Chair: ____________  Date: 11/15/2012
College Curriculum Chair: ____________  11/3/2012
College Dean: ____________  11/13/12
UUPC Chair: ____________
Undergraduate Studies Dean: ____________
UFS President: ____________
Provost: ____________

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: www.fau.edu/academic/registrar/UUPCinfo
3. WAC approval (attach if necessary)
4. Gen. Ed. approval (attach if necessary)
5. Consent of affected departments (attach if necessary)