Undergraduate Programs—NEW COURSE PROPOSAL

DEPARTMENT: N/A  COLLEGE: Wilkes Honors College

RECOMMENDED COURSE IDENTIFICATION:
PREFIX: MAP  COURSE NUMBER: 4303  LAB CODE (L or C):

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

COMPLETE COURSE TITLE: Honors Differential Equations 2


GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR ___x___ PASS/FAIL _______ Satisfactory/Unsatisfactory ______

COURSE DESCRIPTION, NO MORE THAN THREE LINES: FURTHER TECHNIQUES TO SOLVING ORDINARY DIFFERENTIAL EQUATIONS AS WELL AS APPLYING TECHNIQUES FROM LINEAR ALGEBRA TO SOLVE SYSTEMS OF FIRST-ORDER LINEAR DIFFERENTIAL EQUATIONS. INTRODUCTION TO PARTIAL DIFFERENTIAL EQUATIONS AND THEIR SOLUTIONS, FOCUSING ON THEIR APPLICATIONS TO PHYSICS AND ENGINEERING.

PREREQUISITES W/MINIMUM GRADE*:
MAP 2302

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: PH.D. IN MATHEMATICS, PHYSICS, OR ENGINEERING

WAC/GORDON RULE COURSE3

YES ___ NO ___x___

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

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)4

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

Faculty contact, email and complete phone number:
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561-799-8673

Please consult and list departments that might be affected by the new course and attach comments.5

Approved by:
Department Chair: ________________________________ Date: 8/23/14
College Curriculum Chair: ________________________________ Date: 8/23/14
College Dean: ________________________________ Date: 9/15/14
UUPC Chair: ________________________________ Date: 9/19/14
Undergraduate Studies Dean: ________________________________ Date: ________________________________
UFS President: ________________________________ Date: ________________________________

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: www.fau.edu/academic/registrar/UUPCinfo

2. Review Provost Memorandum: Definition of a Credit Hour
www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf

3. WAC approval (attach if necessary)

4. Gen. Ed. approval (attach if necessary)

5. Consent of affected departments (attach if necessary)