



CROSS-LISTED COURSE OUTLINE

COURSE IMPLEMENTATION DATE: September 1994
 COURSE REVISED IMPLEMENTATION DATE: September 2006
 COURSE TO BE REVIEWED: November 2011
(four years after UPAC approval) *(month, year)*

CROSS-LISTED COURSE OUTLINE INFORMATION

This is a cross-listed course. Only one official course outline exists for this course, listed under the original course name and number. Please refer to the official course outline for full course information.
 Shaded headings are subject to change at the discretion of the department – see course syllabus available from instructor

<u>MATH 381</u>	<u>Physics</u>	<u>3</u>
COURSE NAME/NUMBER	FACULTY/DEPARTMENT	UFV CREDITS
Mathematical Physics		
COURSE DESCRIPTIVE TITLE		

OFFICIAL COURSE OUTLINE:

This is a cross-listed course. Please refer to **PHYS 381** for the official course outline.

CALENDAR DESCRIPTION:

This course will give students a wide arsenal of mathematical techniques and tools to increase their ability in setting up and solving problems. The solution of partial differential equations with applications to many areas of physics is the biggest single theme of the course.

NOTE: This course is offered as PHYS 381, MATH 381, and ENGR 257. Students may take only one of these for credit.

PREREQUISITES: MATH 211, and one of (PHYS 221, MATH 255) and either PHYS 112 or any other second year Math course.

COREQUISITES:
 PRE or COREQUISITES:

SYNONYMOUS COURSE(S):

- (a) Replaces: _____
- (b) Cross-listed with: MATH 381, ENGR 257
- (c) Cannot take: MATH 381, ENGR 257 for further credit.

SERVICE COURSE TO (department/program):

WILL TRANSFER CREDIT BE REQUESTED? (lower-level courses only) Yes No
 WILL TRANSFER CREDIT BE REQUESTED? (upper-level requested by department) Yes No
 TRANSFER CREDIT EXISTS IN BCCAT TRANSFER GUIDE: Yes No

Course designer(s): <u>Tim Cooper/Peter Mulhern</u>	Date approved: _____
Department Head: <u>Norm Taylor</u>	Date of meeting: _____
Supporting area consultation (Pre-UPAC)	Date approved: _____
Curriculum Committee chair: <u>Gillian Mimmack</u>	Date approved: _____
Dean/Associate VP: <u>Jackie Snodgrass</u>	Date approved: _____
Undergraduate Program Advisory Committee (UPAC) approval	Date of meeting: <u>May 26, 2006</u>