

UNIVERSITY OF CENTRAL FLORIDA
Department of Mathematics
FALL 2017

Fall 2017

MAP 6407 Calculus of Variations and Integral Equations

INSTRUCTOR: Dr. Sen Shivamoggi
OFFICE: MAP 322
OFFICE PHONE: 407-823-2061
E-MAIL: bhimsen.shivamoggi@ucf.edu
OFFICE HOURS: MW 2:00 – 3:00PM
CLASSROOM: MSB 110
CLASS TIME: MW 3:00 – 4:20PM
TEXTBOOKS: B.Van Brunt: **The Calculus of Variations**,
Springer (2004).
A.M. Wazwaz: **A First Course in Integral Equations**,
II Edition, World Scientific, (2015).

HOMEWORK: Homework assignments totaling 50 points

TESTS: Two tests totaling 50 points

GRADE SCALE: A: 90 - 100%, B: 80 - 89%, C: 70 - 79%, D: 60 - 69%, F: 0 - 59%

TENTATIVE LIST OF TOPICS:
Calculus of Variations, Integral Equations

ACADEMIC DISHONESTY / CHEATING: Plagiarism and cheating contradict integrity and scholarship, core values in the UCF creed. As such, they are very serious academic offenses. Forms of plagiarism/cheating include (but are not limited to): claiming another student's work as your own; communicating with another student during a test, or communicating information relative to a test you took to another student that has not taken that test yet (this includes giving information to another student as well as receiving that information), bringing in and using unauthorized material of any sort during a test. Penalties can range from a grade of zero on an assignment or exam to a grade of F for the course, suspension or expulsion from the university, and/or a "Z Designation" on a student's official transcript. For more information about the Z Designation, see <http://z.ucf.edu/>. In addition, further disciplinary action through the university might be taken. For more information about UCF's Rules of Conduct, see <http://www.osc.sdes.ucf.edu>.

RELIGIOUS POLICY: It is the practice of the University of Central Florida to reasonably accommodate the religious observances, practices, and beliefs of individuals in regard to admissions, class attendance, and the scheduling of examinations and work assignments. A student who desires to observe a religious holy day of his or her religious faith must notify his/her instructor in writing at the beginning of the term (prior to the end of the add/drop period) to be excused from classes to observe the religious holy day. (Please note that documentation will be requested.)

FINANCIAL AID REQUIREMENT: All faculty are required to document students' academic activity at the beginning of each course. In this course, the "attendance/roll call" tool in Canvas will be used, so attendance will be taken the first two weeks. This attendance information will not be used in the calculation of course grades.

DISABILITY ACCOMMODATIONS: The University of Central Florida is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Students who need accommodations must be registered with Student Accessibility Services (SAS), Ferrell Commons 185, phone (407) 823-2371, TTY/TDD only phone (407) 823-2116, before requesting accommodations from the professor. No accommodations will be provided until the Student Accessibility Services office has notified the professor concerning appropriate accommodations.

Doreen Goulding

From: Bhimsen Shivamoggi
Sent: Monday, August 28, 2017 6:54 PM
To: Doreen Goulding
Subject: Re: Syllabus

Hi Doreen:

Greetings from Aspen! My office hours are MW:2.00-3.00PM; TR:4.30-5.30PM, F:11.00-12.00PM; my seminar hour is F:2.00-3.00PM.

Sen

From: Math Department Distribution List <MATHDEPT@LISTSERV.CC.UCF.EDU> on behalf of Doreen Goulding <Doreen.Goulding@UCF.EDU>
Sent: Monday, August 28, 2017 4:28:12 PM
To: MATHDEPT@LISTSERV.CC.UCF.EDU
Subject: Syllabus

Good Afternoon All:

Please the department needs a copy of all syllabus, Can you please send me a copy of your syllabus as I am working on doing the office hours.

If you are teaching 1 class you must have 3 office hours. If teaching 2 or more you must have 5 office hours. (I am still missing a lot of syllabus).

Thanks,
Doreen Goulding
University of Central Florida
Mathematics Department
Doreen.goulding@ucf.edu
407-823-0570