Period 4: 11:15pm - 12:05pm MWF Room 254
Professor Mon, Room 223D

Office Hours:
Monday    :   9:30am - 10:00am
Wednesday :   12:10pm -12:30pm
Appointment can be made for other times.

Professor Mon can be reached at 542-3454.
Primary means of communication is to meet with Professor Mon after class or at office hours.
Federal law prohibits discussion of student record without positive identification.
This excludes common use of telephone and email. Attendance is mandatory but no roll will be taken.

Although there will be no tests and no final exam, there will be many homeworks.

Grading Policy:
100% of homework = 100%
The letter grade will be assigned as:
A  = 90 to 100
A- = 87 to 89
B+ = 83 to 86
B  = 75 to 82
B- = 73 to 74
C+ = 66 to 72
C  = 56 to 65
D  = 50 to 55
F  = 0 to 49

Standard rounding will be used for the final numerical grade. For example, 89.4999 will be 89 and A-, but 89.5 will be 90 and A.
There are no exception to these assignments. All withdrawal will be processed in accordance with university policy as stated in the undergraduate bulletin.
Students are expected to attend all classes but no record of attendance will be taken.

Students can also enroll with "AUDIT" status.
The optional reference textbook is:

Homework assignment:
Frequent homework assignments will be distributed and due at the announced date.
Late homework will not be accepted and counted as zero.

Lecture attendance is mandatory and all homework must be handed in to me in class.
Learning from your peer can be valuable and encouraged but plagiarism is forbidden.
To receive credit, students must show that it is their own work by explaining the reasoning for the solution in a neat and legible manner.

Course Schedule:
Topics covered will depend on the need and interest of the enrolled students.
In the past, the following topics have been considered (not all in one semester).
Linear Algebra,
ODE,
PDE,
Conformal Mappings,
Stochastic Differential Equations,
Renormalization Group,
Fourier Optics,
Functional Differentiations,
Transfer matrix,
Integral Transforms,
and other topics of current research interests.

Given the numerous courses offered by the department on using numerical methods, 8401 will focus on solving physics problems analytically and understanding the mathematical foundation of important numerical methods. To serve that purpose, grading is based totally on regularly assigned homeworks. Assigned homeworks are extensive and all will be graded.