

# STUDENT SYLLABUS      MAP 5932/4934      Summer “C” 2019

- Web Page: <http://www.math.fsu.edu/~bellenot/class/su19/ran>
- Professor: Dr. Steven Bellenot, 223 Love, 644-7405, email: bellenot at math.fsu.edu
- Class schedule: MTWRF 2:00-3:20 201 Love
- Office Hours F1-2 and usually MTWR 3:30-4

ELIGIBILITY. prerequisite: Linear Algebra and Probability or permission of the instructor.

TEXT. We are using free on-line resources.

COURSE CONTENT. See the on-line outline of topics

COURSE OBJECTIVES. The purpose of this course is to introduce students to subject and uses of random walks. Markov chains (both discrete and continuous) will be the main tool. Programming in Scilab will be required.

ATTENDANCE. Attendance and class participation will be factors in determining the final grade. No food or drinks are allowed in the classroom. Please turn off cell phones and keep them hidden during class.

GRADING. Grading is based on the easy going 85% A, 70% B, 55% C, 40% D system. There will be 2 tests (worth 25% each), 3 quizzes (worth 5% each), computer based project(s?) (worth 10%) and daily homework (worth 25%). Tentative due dates are in the on-line schedule of due dates.

EXAM POLICY. No makeup tests or quizzes will be given. A missed test or quiz may be excused if the student presents sufficient evidence of acceptable extenuating circumstances. The next test grade will be used for a missing quiz grade. The either next test grade will be used for the missing test grade, or at the instructor's option, a substitute oral test will be given. Students must bring FSU ID cards to all quizzes and tests.

HOMEWORK. The remaining 25% of your grade will be determined by homework. The list of homework problems will be maintained on the class web site. Email will be sent to the class whenever the list is updated. Some class days students will present problems and on others the homework will be collected. There maybe computer graded homework. Most problems will not be graded directly. Please neatly organize your completed assignments into a notebook. Late homework is not accepted.

HOMEWORK RULES. Your **OWN** work, written in clear English. Neatly typed or writtin in ink on one side of standard 8.5 by 11 paper. Multiple pages must be stapled and **NOT** dog-eared or paper clipped. Discussion about the homework problems with other students or the professor is permissible, but the final output needs to be uniquely yours.

There is more on the back

REQUIRED STATEMENTS: <http://facsenate.fsu.edu/Curriculum-Resources/syllabus-language>

**University Attendance Policy:** Excused absences include documented illness, deaths in the family and other documented crises, call to active military duty or jury duty, religious holy days, and official University activities. These absences will be accommodated in a way that does not arbitrarily penalize students who have a valid excuse. Consideration will also be given to students whose dependent children experience serious illness.

**Academic Honor Policy:** The Florida State University Academic Honor Policy outlines the University's expectations for the integrity of students' academic work, the procedures for resolving alleged violations of those expectations, and the rights and responsibilities of students and faculty members throughout the process. Students are responsible for reading the Academic Honor Policy and for living up to their pledge to "... be honest and truthful and ... [to] strive for personal and institutional integrity at Florida State University." (Florida State University Academic Honor Policy, found at <http://dof.fsu.edu/honorpolicy.htm>.)

**Americans With Disabilities Act:** Students with disabilities needing academic accommodation should:

- (1) register with and provide documentation to the Student Disability Resource Center; and
- (2) bring a letter to the instructor indicating the need for accommodation and what type. This should be done during the first week of class.

Please note that instructors are not allowed to provide classroom accommodation to a student until appropriate verification from the Student Disability Resource Center has been provided.

This syllabus and other class materials are available in alternative format upon request.

For more information about services available to FSU students with disabilities, contact the:

Student Disability Resource Center

874 Traditions Way

108 Student Services Building

Florida State University

Tallahassee, FL 32306-4167

(850) 644-9566 (voice)

(850) 644-8504 (TDD)

[sdrc@admin.fsu.edu](mailto:sdrc@admin.fsu.edu)

<http://www.disabilitycenter.fsu.edu/>

**Syllabus Change Policy** "This syllabus is a guide for the course but is subject to change with advance notice."