

Spring 2020: Syllabus for SeLo

Prof. Jonathan L.F. King
University of Florida, Gainesville FL 32611-2082, USA

For all of my courses:

Who? Prof. King Address: squash@ufl.edu

Office: 402 Little Hall Tel: 352-294-2314

Math Dept: 3rd floor Little Dept.Tel: **352-294-2350**

To find my office (402 Little Hall; Top floor, NE corner) just “[Maximize \$x\$, \$y\$ and \$z\$.](#)”

If you need to get an important message to me (e.g. you’ll be missing an exam), it is *particularly important* that you **email me from your UF address** as soon as possible; preferably several weeks or days before the exam; several hours before, if you didn’t know in advance.

I do *not* pick up office phone messages remotely, so it is important that you email me. If urgent, you should also tel. the math dept, **352-294-2350**, and they can contact me at home. The secretaries can also put a note in my mailbox if you request it. [All these tel.numbers are *wired phones*; they do not take text-messages.]

Prof.K’s clickable links:

- [Teaching Page](http://squash.1gainesville.com/teaching.html) Has important info for *all* my courses. Gives links to *Putnam competition*, *Robert Long essay competition*, links to the free mathematical typesetting language \TeX / \LaTeX .

The Teaching Page also has an extensive list of: Usually Useful Pamphlets.

- [Course Page: SeLo](http://squash.1gainesville.com/course.SeLo.2020g.html) has links to previous versions of our course, which contain all of my previous exams for your studying pleasure!
- [Prof. King’s page at @UF](http://people.clas.ufl.edu/squash/) has has a link to a description of the *Robert Long essay competition*. However, for coursework, I use the above Teaching Page and Course Page.
- [Prof.K schedule & office hours](http://squash.1gainesville.com/info.jksched.html)
- [Math Dept. homepage](http://www.math.ufl.edu/) . Searchable. A wealth of information on applying to grad school, seminars, conferences, faculty,staff,grad listings, tutors for hire.

University resources, clickable:

- * [Accommodation for students with disabilities](https://disability.ufl.edu/students/get-started/)
- * [UF Teaching Center](https://teachingcenter.ufl.edu/) Broward Hall: 352-392-2010, 352-392-6420.
- * [Writing Studio](https://writing.ufl.edu/writing-studio/) 2215 Turlington, 352-846-1138.
- * The UF [Help desk](http://helpdesk.ufl.edu/) 352-392-4357.
- * [End-of-Semester student evals of professors](https://gatorevals.ua.ufl.edu/students/)

LOR: Letter-of-recommendation. I base LORs substantially on how a student “thinks on his/her feet”

I require **two** courses with me, at least one of which is *proof-based*, as well as the student actively participating in class. (Occasionally, one course may suffice if it is a *graduate course* or a *Special Topics* course, e.g. my MATHEMATICAL CRYPTOGRAPHY course.)

Canvas? I don’t yet know how to use Canvas, but I plan on learning how during the semester.

We will all use our class Archive, a LISTSERV, to communicate to the whole class. Students will be posting many solns to problems, as part of their CP (Class Participation) grade.

End-of-Semester Games Party! It will take place on the last date of class, at Pascal’s Cafe, in the

Christian Study Center of Gainesville
112 NW 16th St., 32603
TEL.: 352-379-7375

Microquizzes. There will be some number of “pop” (unannounced) microquizzes, each worth 30points. These will never occur on religious holidays; please **email** of all such religious dates by the first Wedn. after Add/Drop.

Usually, a pop-quiz has a single, easy question. I use them partly for attendance, and checking that an idea from the previous class caught on.

IMPORTANT: I *drop* the lowest microquiz score.
AND: There is **No makeup** for the first missed quiz, regardless of reason; that is what the dropped-score is for.

Under *some* circumstances, I may give you a makeup for a later missed quiz, if: You have a valid reason for missing. And: You emailed me *in advance* (when possible, naturally) that you unavoidably must miss that class. Reiterating, there is no makeup for the first missing microquiz; that is what dropping the lowest score is for.

N.B: There is always a microquiz on the classday after each in-class exam day. □

Specific SeLo information:

Welcome to: MHF3202 3E07 (18129)
Sets & Logic MWF5 [11:45-12:35] MAT006

The above course-page has links to the two free online PDF texts we will use:

"Book of Proof", by Richard Hammack. And

"Transition to Higher Mathematics:
Structure and Proof",

by Bob Dumas and John E. McCarthy.

We will cover essentially all of "Book of Proof". I will provide additional notes on the last section, Infinite Cardinals.

==== SeLo Calendar ====

Class photo day

& microquiz Wedn., 15Jan.2020

*MLK Holiday, No UF Mond., 20Jan.

Hm-A available: Tues., 04Feb.

Hm-A due: BoC, Mond., 10Feb.

Cl-A: Wedn., 12Feb.

Microquiz Fri., 14Feb.

Microquiz Fri., 28Feb.

*Spring Break: Sat., 29Feb. - Sat., 07Mar.

Microquiz Mond., 09Mar.

Hm-B available: Wedn., 11Mar.

Hm-B due: BoC, Wedn., 18Mar.

Cl-B: Fri., 20Mar.

Cl-C: Fri., 03Apr.

I give you a written
GRADE ESTIMATE no later Fri., 10Apr.,
probably earlier.

Project D

PDF available: Tuesday, 14Apr. Evening.

Due: Thursday, 23Apr. by 2PM,

Last class & GAMES PARTY!: Wedn., 22Apr.

at Pascal's cafe

in the Christian Study Center

from 11:45AM to 5:30PM.

Sincerely, Prof. King