

Spring 2021: DfyQ Syllabus [in progress]

Prof. Jonathan L.F. King
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For all of my courses

[Specific DifyQ info starts on the next page.]

Who? Prof. King Address: squash@ufl.edu
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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\$.](#)” (Note: I do *not* pick up tel. messages remotely, but do read email multiple times a day. It is almost always better to email me first, before telephoning my office.)

Class attendance is required, and is part of a student’s *CP*, *Class participation*, *grade*.

Contacting Prof.K. If you need to get an important message to me (e.g. you’ll be missing an in-class 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.]

IMPORTANT: I will primarily use **email** for contacting students, *not* Canvas-mail. I ask that students read email at *least* twice a day morning/evening (excepting for religious observance).

IMPORTANT: Students will be typesetting solutions to problems and will need a real **computer**; a cellphone does not suffice. Also, students will need access to a **printer**, as some of the typeset assignments will need to be handed-in on paper (not electronically).

As some office-hours will be via Zoom, students will need Zoom-capability.

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 $\text{T}_{\text{E}}\text{X}/\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$.

The Teaching Page also has an extensive list of:

Usually Useful Pamphlets.

- [Our DifyQ Webpage:](http://squash.1gainesville.com/course.DfyQ.past.html) Info for the current semester, as well as links to previous versions (see *Nostalgia*) of DfyQ, containing previous exams and microquizzes, for your studying pleasure!

- [Prof. King’s page at UF](http://people.clas.ufl.edu/squash/) has a link to the *Robert Long essay competition*.

- [Prof.K schedule & office hours](http://squash.1gainesville.com/info.jksched.html)

- [Math Dept. homepage](http://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:

- * [UF syllabus policy](https://people.clas.ufl.edu/squash/univ-syllabus-policy/)
- * [Accommodation for students with disabilities](https://disability.ufl.edu/students/get-started/)
- * [UF Teaching Center](https://academicresources.clas.ufl.edu/) has free tutoring, both in-person and via zoom.
- * [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.aa.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.)

Microquizzes. There will be some number of “pop” (unannounced) microquizzes (**MQ**), each worth 30points. (Just handing-in the MQ with name and ordinal earns 5points.)

MQs never occur on religious holidays; **email me** 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 MQ, regardless of reason; that is what the dropped-score is for.

If a 2nd MQ is missed, I may give a make-up, if there was an emergency or if I knew in advance (e.g, you are giving a talk at a conference, and you let me know well in advance). □

Class Archive. We will all use our DfyQ Archive, a LISTSERV, to communicate to the whole class.

Once Add/Drop has ended, I will email out how to post-to/read-from our Archive, which plays the role of a DfyQ Wikipedia that students build during the semester, acting as a reference for everyone in class.

Students will be posting problem-solutions to the Archive, as part of their CP (Class Participation) grade.

Canvas. Canvas will be used for recording grades, but not much else. We will primarily use *email* and our class Archive (a LISTSERV) to communicate with each other outside of class.

End-of-Semester Games Party! If COVID *et al* stays low, then we will have an *End-of-Semester Games Party*. (We might also have a “team building” *Games Party* mid-semester.) In the past, the Games Party has been on the last date of class, at Pascal’s Cafe, in the

Christian Study Center of Gainesville
112 NW 16th Street

Abbreviations. MQ, Microquiz. OH, Office-Hour. CP, Class participation. IP, Individual Project. IOP, Individual Optional Project. RLEC, Robert Long Essay Competition.

RLEC. Each year, students who like to write short essays may enter the *Robert Long Essay Competition*. The RLEC has a monetary prize and, more importantly, looks great on a CV.

Office hours. My current *weekly schedule*. (OHs may change slightly during the semester, and other days/times may be available by appointment, sometimes *via Zoom*.)

Specific DfyQ information:

Grades/points. 45pt For each of Jan., Feb., Mar., Apr. for CP, Class participation, based on speaking in class, attending OHs, and especially posting solns to non-trivial problems to our Archive. An average grade is 20. For *exceptionally* active students, I may give a grade a bit higher than 45.

140-185pt for each quiz S,T,U,V,W,X.

Each quiz is via zoom, and I drop the lowest quiz-score. I will give an estimate of current course-grade by the withdraw date of Fri., 09Apr.

Quiz S: Wedn., Feb.03

Quiz T: Wedn., Feb.17

Quiz U: Wedn., Mar.03

Quiz V: Wedn., Mar.17

Quiz W: Wedn., Mar.31

Quiz X: Tues., Apr.20

For April’s CP, I will count postings to our DfyQ Archive up through 11:59PM on Wednesday, 28Apr2021.

Sincerely, Prof. King