

# Syllabus for Linear.Algebra.1

F2015: MAS4105 6137

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Welcome to F2015 MAS4105 6137 Linear.Algebra.1  
MWF5 LIT221 (NW), Tues5 LIT239 (NE)

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Math dept. tel.: 352-294-2350

Prof. Jonathan King squash@ufl.edu (address)

If you need to get an important message to me (e.g, you'll be missing an exam), then BOTH email me and have the secretaries put a note in my mailbox, by telephoning 352-294-2350.

My Office: 402 Little Hall (Top floor, NE corner) 352-294-2314

"Maximize  $x$ ,  $y$  and  $z$ ."

If I am not in the office then it is best to EMAIL me, as I don't remotely pick-up phone messages. In addition, you may telephone the secretaries at 352-294-2350 and they can contact me at home.

OFFICE HOURS: These may change during the semester. Currently:  
M,W.: 8th period [15:00-15:50]  
Tues.: 6th period [12:50-13:40]

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PREREQUISITE: MAC 2313 or 3474 (Calculus 3) and either MAS 3300 (Numbers and Polynomials) or MHF 3202 (Sets and Logic)

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TEACHING PAGE: <http://squash.1gainesville.com/teaching.html>

Course-webpage: <http://squash.1gainesville.com/course.DfyQ.2015t.html>

Prof. King homepage: <http://people.clas.ufl.edu/squash/>

Math Dept.: <http://www.math.ufl.edu/>

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/---- LinA SYLLABUS-----\

TEXT: "Linear Algebra" (4th edition),

Authors: Friedberg, Insel, Spence. ISBN: 978-0130084514

Year: 2003 Publisher: Prentice Hall

We will cover chapters 1-6, adjoining certain topics not in the text, and skipping some. (We will skip 6.9, 6.10 "Special theory of Relativity" and "Rayleigh Quotient")

My lectures will COMPLEMENT the text, rather than parrot it.  
 I EXPECT MY STUDENTS TO READ THE TEXT INDEPENDENTLY.  
 There will be reading assignments from WIKIPEDIA and other online sources.  
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/---- GRADES: The number of points below are /approximate/ --\  
 Three in-class exams, each approx. 200 points.

There will be some small number of "pop" (unannounced) microquizzes, each worth 30points. These will never occur on religious holidays; please EMAIL of such holidays THIS WEEK.

Usually, a pop-quiz has a single, easy question. I use them primarily for attendance, or 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; that is what the dropped-score is for.

Under /rare/ circumstances, I /may/ give you a makeup for a later missed quiz, if you have a good reason for missing.

I usually give a microquiz /the clasday after an exam day.  
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/---- More Grades: -----\  
 \* There will be 3 exams, each approximately 200points.

\* Some number of microquizzes (each 30points).

\* A CP (class-participation) grade for each month (approx. 45points);  
 CP grade is based on posting to our Archive, on class attendance,  
 on lively participation in class.

\* An /Optional/ Project at the end of the semester. My class has no final exam.

> I will give a a written course-grade estimate no later than the morning of  
 > Monday, 23Nov.2015, the withdraw date.

There is /no/ final exam. Rather, there will be an /Optional/ Individual Final-Project, that must be typed. It can lift or lower your grade by "one click"; a grade of "B" could become a "B+", or stay a "B" or, if the project is terrible, drop to a "B-".  
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HOMEWORK: I do not collect written HW. Rather, a substantial part of

your CP grade comes from your posting solutions to the Archive. These are not typically assigned; it depends on your own energy and motivation.

I will email the URL of the Archive to each student.

/---- VID: Very Important Dates -----\

Class photo day is Wednesday, 02Sep2015, in class. If you want to be in a photo, look sharp!

Exam A: Tuesday, 29Sep2015.

Exam B: Either Tuesday, 27Oct2015, OR Wednesday, 28Oct2015 RESERVE both days.

Exam C: Tuesday, 17Nov2015. [Moved.]

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Optional Individual Final Project: Available for you to print the PDF on Thursday, 03Dec2015.

If you choose to do the project, it is due NO-LATER-THAN

2PM, on Thursday, 10Dec2015,

slid under my office door, 402 Little Hall.

The class-date after each exam, we will typically have a microquiz that is meant to be a "freebie", if you read and thought about solutions to the exam that you and your colleagues posted.

Upon /rare/ occasion, I have had to move an exam one class-day earlier, or one class-day later. Please do not make alternative plans for those days.

IMPORTANT: Because I post exams the evening of exam day, so that folks can race to post solutions, if you have an extenuating circumstance and cannot take the exam on exam day, then let me know /WAY/ in advance. I will give you the exam

ONE DAY EARLY.

I will be /grumpy/ if I have to give you the exam /after/ the exam-day, as that prevents me from posting the exam.

Finally, let me know immediately (via EMAIL) of any date-conflicts that you have.

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