MA385 Part 3: Linear Algebra 1

3.x Some Information

Dr Niall Madden

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These slides are not really part of Section 3; they just contain some information on

1. Schedules
2. Class Test
3. Feedback on your feedback
4. For information and entertainment

1. Schedules

- **Next week (Week 8):**
  - No lecture Monday (27 Oct), because of the public holiday(!!)
  - No tutorial Monday, for the same reason
  - No tutorial Thursday, because of there being none on Monday,
  - On Thursday (30 Oct at 15:00): class test
- **Rest of the Semester**
  - Assignment due Tuesday (28 Oct) at 17:00.
  - **Labs** (Monday, repeated Thursday) Weeks 9 and 11.
  - Tutorials Week 10 and 12

2. Class Test

- The class test will take place in MY 243, Aras Moyola https://maps.app.goo.gl/ToBm1ofdjoQQP2DfA
- Let Niall know if you are entitled to special accommodations (e.g., low distraction venue, extra time, etc).
- Test will take 40 minutes.
- Closed book: just bring pens/pencils. Answer books will be provided.
- Main Venue: MP243. (LENS Venue: probably AC201)
- Topics: anything from Section 1 (Nonlinear Equations) and Section 2 (IVPs), but nothing covered this week.
- Especially important: Taylor Series, IVT, Newton's Method, FPI, Euler's Method, and RK2 (but not RK3 or RK4).
- Questions??

3. Feedback on your feedback

Thanks to the 12 or so of you who completed the survey on MA385.

1. Most of the feedback on the lectures was positive.

2. *Request for more Python implementations*. **Response:** good point: I should do better at including some snippets of code showing how these methods are use in practice. Will do.

3. *The tutor could be better prepared for classes (several variants on this)*. **Response**: this is really my fault. Often she has received the notes for the lab or tutorial only an hour in advance. I'll work on that, and with her on how everyone can get the best from the process.

3. Feedback on your feedback

4. *Website doesn't work sometimes when opening from canvas or from phone*. **Response**: Sorry about that. I think I've resolved the issue. Please let me know if it persists.

5. *Maybe cover some more lecture notes in class*. **Response:** sorry, I am not really sure what is meant by this.

6. *Please provide solutions or hints for the exercises at end of lecture notes as they're hard.* **Response:** Very good suggestion. I can't provide solutions to them all, but welcome suggestions.

7. *The course would definitely benefit from more tutorials.* **Response:** Sorry about this. Will consider what "extra" can be provided.

4. For information and entertainment

And if that is not enough numerical analysis for you, consider watching this lecture, which took place yesterday:
https://www.youtube.com/watch?v=C7SWIKL7hR8
The speaker is David Ham, Professor of Computational Mathematics at Imperial College. If you like that, talk to me about an internship, FYP, or some further study.