**ME4S03 – Online Teaching Plan**

**Assessments:**

* Assignments – 15% (about 10 assignments over the term)
* Weekly quizzes - through Avenue – 5%
* Attendance via watching videos and doing embedded quizzes - 5%
* Midterm test – 30%
* Final exam – 45%

**Steady state weekly lecture schedule:**

* **Tuesdays 11:30-12:20** – I will do examples and answer questions pertaining to videos from the previous week.
* **Thurs: 11:30-12:20** – TAs to run as tutorials and answer questions
* **Fri: 11:30-12:20** – optional office hour (if requested. Students can contact me.)

**CEAB calculation of total contact time:**

* 90 minutes of video lectures per week (each video less than 15 minutes)
* 50 minutes of live lecture on Tuesdays
* 50 minutes of TA tutorial – counts as 25 minutes for AU
* Total is then: 90+50+25= 165 minutes per week (exceeds usual AUs of 3\*50min = 150 min/wk)

**Student work each week (post in “Weekly Announcements” in Avenue)**

* Print out the skeleton notes for this week’s lectures
* Watch the videos – they will be available on Monday; students should watch the week’s videos by the end of the week. (should be around 90 minutes per week – around six 15-minute videos)
* Attend the live lecture on Tuesday and tutorial on Thursday
* Complete easy quiz by Tuesday – based on previous week’s content
* Complete assignment (due on Fridays? – check with the students). Assignment content lags the lectures by about a week.

**Possible Weekly Plan:**

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| **Week** | **Topics covered** | **Pre-recorded**  **Videos to watch** | **Easy quiz**  **In Avenue?**  **(see Liz’s video on how to make quiz)** | **Live lecture content?** |
| 1 | -introduction  -convective derivatives  -conservation of mass | - 1.1 (intro)  - 1.2 (conv. Deriv)  - 1.3 (equations for derivatives)  - 1.4 (example calculation of conv. Deriv.) | Not yet. | Tues: I will talk about the structure of the course.  Should have TAs attend this.    Thursday: cancelled  Friday: optional office hour |
| 2 | -derive momentum equations |  | Yes – previous week’s content. Quiz to be completed by Tuesday | -Steady state schedule  Tues: live lecture  Thurs: TAs run  Fri: optional office hour |
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