

>: “I’ll know if you are reading the statement” How do you stop them from having a separate window open on their computer? Unless you have them share their screen (thus making their video much smaller)?

I ask for statements orally; thus, there’s no reason for them to be staring at their screen, and if a student were staring at something else (e.g., their notepad for calculations), I’d ask them to show me what they were staring at. (This did not happen in my ODE and Math for Physics exams last spring.)

>Do you commonly have students’ cameras malfunction?

No significant technical problems in the 59 orals I gave in ODEs and Math-for-Physics last spring. For the Calculus I finals, there was one issue for 105 exams given.

If there were technical problems, rescheduling an oral is easier than rescheduling a written exam (because if your written exam has been delivered to students, you certainly can’t assume a person taking a make-up exam has not seen or learned a lot about the original).

> “How did you detect cheating on something like that second calc question?”

Part (b) of this problem requested the average value of $P(t) = 90 e^{t \ln(5/3)}$ over $[0, 2]$, which is $1/2 \int_0^2 P(t) dt$. When you ask “Symbolab” (<https://www.symbolab.com>) to do this problem and examine the steps, you’ll see that there is an unusual breaking of $(5/3)^t$ into $5^t/3^t$; moreover, the approach is inconsistent with the integration rules/properties discussed in Math1210 at UVA.

>Could you combine these kinds of assessments with standards-based grading?

If you already have a system of “learning-target quizzing” in place, then you might require a student to complete a small number of these orally and, perhaps, require passing an oral final exam for a letter grade of A or B in the course.

> google spreadsheet seems like a potential privacy problem for students who receive extra time

I schedule extended-time students at the end of a sequence of orals--see below and note Student 9 and Student 15 might or might not have extended time.

2:00 PM	Student 1
2:20	Student 2
2:40	Student 3
3:00	Student 4
3:20	Student 5
3:40	Student 6
4:00	Student 7
4:20	Student 8
4:40	Student 9
6:40 PM	Student 10
7:00	Student 11
7:20	Student 12
7:40	Student 13
8:00	Student 14
8:20	Student 15