

Discrete Mathematics and Probability

Current assessment structure

10% homework

24% quiz

6% tutorial engagement

2 X 30% Class Tests- one on Discrete Maths and one on Probability

Proposed new structure

- Engagement activities 30% (10% homework & 20% STACK quizzes)
- Class Test 30%
30% Class test on Discrete Maths at half-way stage
- Exam 40%
40% Exam on Probability and challenging Discrete Maths problem(s)

We want to keep the half-way stage Class Test as this encourages students to keep up with the material and not try and cram learn for a final exam, also the two halves are mainly separate. This doesn't work for maths and leads to a lot of students failing the course as regular engagement is the key. Informatics students tend to get swamped by coursework from other courses and without some pressure will neglect the mathematics element as 'less important'.

We have removed the tutorial engagement element as we should be in-person. However, I suspect that will mean tutorials are very badly attended and we will have to present stats the following year on tutorial attendance correlated with success in this course!

We plan to introduce a few more challenging elements for those who have done PPS and in line with ECMS – this would be the extra 10% marks in the final exam.