

Topics for the exam in DM71

The exam will take place on June 28. The sign-up sheets for the order in which students will be examined are already in the secretaries' office. Sign up well before the exam. The sign-up list cannot be used to exactly calculate an exam time since some students may not show up. Since, as for all classes, the external examiner is only paid for students who are examined, not for sitting and waiting, if a student is not there, the next student on the list who is present will be taken. When there are no more students ready to be taken, the external examiner may leave, so show up plenty early to make sure you are examined. Two hours before your expected exam time is probably safe enough.

When it is your turn, you will draw one out of the following topics, which correspond to chapters or pairs of chapters in the textbook. You will have 30 minutes to prepare a 15 minute presentation about that topic. It is likely that you will be interrupted with questions during your presentation. After your presentation, you will be asked additional questions from one or several of the other topics as well.

The topics are:

1. Identificaion and authentication (From Ch. 3)
2. Bell - LaPadula Model (From Ch. 8)
3. Security Models (not Bell - LaPadula) (From Ch. 9)
4. Cryptography (From Ch. 11)
5. Authentication in distributed systems (From Ch. 12)
6. Access Control and Reference monitors (From Ch. 4 and 5)
7. Unix and Windows Security (From Ch. 6 and 7)
8. Network Security (From Ch. 13)
9. Software Security (From Ch. 14)
10. Access Control for Mobile Code (From Ch. 15 and 16)