

Kursanalys SI1200 vt2022

Kursnamn: Fysikens Matematiska Metoder (SI1200 F+CL)

Kursmoment: PDE, Greensfunktioner, Variationsrkning, Modellering 4 hp

Tidsram: jan-mars 2022, tentamen

Antal registrerade studenter: 179 (enligt canvas)

Kursansvarig ch examinerator: Edwin Langmann

Lärare: Edwin Langmann (föreläsningar) och Itziar Ochoa de Alaiza, Matthias Geilhufe, Yashar Honarmandi (övningar)

Undervisningstimmar: Föreläsningar 13x2, Övningar 11x2, Räknestugor 2x2

Kursmoment: 4 frivilliga inlämningsuppgifter (gjordes av 125 (ILUP1), 111 (ILUP2), 88 (ILUP3), 89 (ILUP4) studenter och som rättades); skriftlig tentamen

Kursnämnd: Karl Svahn (F) Hans Jiang (F) Zeshen Bao (F) Benjamin Langerak (CL)

Resultat tentamen mars: A: 30, B: 22, C: 18, D: 15, E: 14, F: 18 (total: 117)

Resultat på kurs: 122 efter juni (omtentamen)

Feedback: kursutvärderingen efter kursen (april 2022; 29 svar)

Kursanalys: Despite of challenging circumstances (due to covid restrictions during half of the course), the course functioned reasonable well. One thing that probably helped was that I had the chance to meet the students in person in December (in an extra lecture in the Modern Physics course).

The results in the course was somewhat better than usual (I never had so many A's before). As usual, the students found the course material inspiring and interesting, but complained it was more work than the 4 points they got. My usual answer: to do well in the course, you students really need to know what they learnt in previous courses; many forgot many things and thus need to invest time to repeat this material: this takes time. But I think this is important.

Since only 29 students answered the "enkät" it is somewhat difficult to know how representative the answers for all students are. By a superficial measure, the course functioned well: 125 students were active in the course; 122 passed.

Changes as compared to last year: The first half of the course was mainly on zoom (due to covid restrictions) and the second was in class (after covid restrictions were removed). This made the course very special (as compared to a normal year). Another challenge was that we only had one teacher in the exercise classes teaching in Swedish (two were teaching in English). To compensate, I put our videos produced in 2021, both for lectures and for exercise classes. Otherwise, the course ran as usual.