課程: 醫學系普通物理
教師: 盧炎田
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Course planning:

1. Review & Overview of Newtonian Mechanics
2. Static Force Applications in Bio-systems
3. Friction Force in Bio-systems
4. Translational Motion
5. Angular Motion
6. Review of Elastic Theory
7. Elasticity and Strength of Materials
8. Insect Flight
9. Basic Theory of Fluids
10. The motion of Fluids in some Bio-systems
11. Basic Heat and Kinetic Theory and its applications
12. Basic Theory of Thermodynamics
14. Theory of Wave and Sound, and Clinical Acoustics
15. Review of the Theory of Electricity
16. Electrical Technology in Biological Research
17. Review of Optics, and Vision of Eyes
18. Atomic Physics and Applications
19. Nuclear Physics and Applications
20. Final (期末考) January 11, 2012

分數計算方式:

1. 出席率 (10%)
2. 作業 (30%)
3. 專題 (10%)
4. 期中考 (25%)
5. 期末考 (25%)