PHY 121 - General Physics II

Original BarTech CBT Study Guide

BarTech CBT Study Resources Library

Purpose

This original guide is a concise revision framework for university lectures, tests and C
Use this guide with your lecturer notes, official course outline and approved textbooks.

Core Topics

1. Electric charge, electric fields, potential and capacitance.
2. Current electricity, resistance, circuits and electrical measurements.
3. Magnetic fields, forces on moving charges and electromagnetic induction.
4. Geometrical optics, reflection, refraction, lenses and optical instruments.
5. Wave optics, interference, diffraction and polarization.
6. Introduction to modern physics, atoms, nuclei, radioactivity and quantum ideas.

Revision Checklist

1. Define key terms and explain the main ideas in your own words.
2. Review examples, diagrams, processes and calculations where applicable.
3. Practise questions without checking the answer before you finish.
4. Use the BarTech CBT course page for self-check and CBT practice.