Welcome back to the Cavendish Laboratory!

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This is a step up in intensity & difficulty compared to IA.

1. Separately taught and examined.

2. Practical Classes teach experimental techniques, develop expertise with error handling and illustrate some of the lecture material – joint classes for Physics A&B.

## Part IB Physics A Lecture Courses 2020/21

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Lectures and Handouts

- **Lectures**: Prerecorded and available on Moodle
  
  - Use the flexibility (e.g. pause & rewind)
  
  - Aim to stick to prescribed number of lectures per week

- **Handouts** for lectures are often provided to you printed (Foyer in front of Pippard) and via TIS.

These recordings and materials are provided to you **personally** as part of your course, but **copyright law requires that you do not share these.**
Collaboration, cheating and plagiarism

• It is unacceptable to:
  • cheat during oral or written tests
  • copy the work of others and submit as your own
  • falsify and/or invent experimental data

The Golden rule:

Examiners must be in no doubt as to which parts of the submitted work are the candidate's own original work and which are the rightful property of someone else.
Disabilities

• If you have, or think you may have, a disability that affects your learning, you are encouraged to
  • Talk to your tutor
  • Contact the Disability Resource Centre
  • Let us know via the TIS
• If we don’t know, we can’t make suitable accommodation.
Enjoy the practicals

New grading system:
Standard credit for practicals.

Head of class writeups are marked - summative.

Focus on understanding and building skills and intuition!
Find your practical Slot
COVID - Safety precautions in practical

- **>2m social distancing** – benches suitably arranged
- **Upgraded and verified ventilation**
- **Kit to be cleaned between sessions**
- Interaction with demonstrators:
  - (close working, but typically <15min per interaction)
    - Demonstrators to wear Type IIR surgical mask and potentially visor
    - Demonstrators to disinfect hands or gloves between interactions
- One-way system for getting in and out of practicals
- Hand gel to be provided
- **Strongly recommended to wear face covering during practicals**
#STAYSAFECAMBRIDGEUNI

Frequently clean your hands
Wear a face covering unless you can keep 2m distance
Keep a distance of 2m wherever possible
Follow the rules of each building
If you have any symptoms get a test
If you test positive self isolate for 10 days

If you have symptoms get a test by calling: 01223 216767
cam.ac.uk/staysafecambridgeuni
'No social distancing': US college towns close bars as Covid-19 cases surge

Rise in campus infections from Missouri to Utah, and Alabama to Iowa forces local authorities to close bars and mandate masks

COVID-19 hot spots such as frat parties, bars could ruin fall 2020 college reopening plans

→ Practicals and Supervisions unlikely to be main driver of transmission.
Self-isolating student or staff

• **DO NOT COME TO DEPARTMENT WHEN SELF-ISOLATING**

• **Please notify us when you have to self-isolate!**
  
  selfisolating@phy.cam.ac.uk

We will aim to arrange possibilities to participate in practicals remotely, or we will aim to reschedule your practicals.
The Cavendish Community Forum is a group setup to discuss **ED&I issues** affecting the experience of **all users** of the Cavendish Laboratory.

Many dedicated and enthusiastic members of our community are involved with our aim to

- understand factors contributing to an environment that may be less welcoming to underrepresented groups,
- remove barriers to the creation of an equal, representative, and inclusive community.

We have had great success towards growing a more gender-balanced Department over the past decade and now turn more attention to other underrepresented groups.

More info can be found at [https://www.phy.cam.ac.uk/intranet/info/cavendishcommunityforum](https://www.phy.cam.ac.uk/intranet/info/cavendishcommunityforum)

If you feel you can contribute to this effort, or would like to raise a topic for discussion, please contact the CCF chair, Tina Potter (cp594@cam.ac.uk).
Cavendish Inspiring Womxn
Cavendish Inspiring Womxn (CiW) is a student-led group from the University of Cambridge dedicated to promoting and supporting the success of women and non-binary people pursuing studies and careers in physics.

https://www.cavendishinspiringwomxn.co.uk/.

Pride in STEM / Prism
https://www.cam.ac.uk/lgbtstem19
https://twitter.com/CavendishPrism

Building a Network for BAME students in physics
Together with the CCF and the CUPS we will hold dedicated meetings this term to enable networking and to provide a space to reflect on the discussions in the wake of Black Lives Matter. *Details to follow.*
How to stay informed

- **TIS** – Please **Register and check for your practical slot.**
- [https://www.phy.cam.ac.uk/students/teaching/teaching2021](https://www.phy.cam.ac.uk/students/teaching/teaching2021) (linked from main webpage)

- Physics Course Handbook – to be updated (delayed 😞)
- Director of Studies
- Helen Marshall (teaching office)
- Ulrich Schneider (DoUE)
We hope you enjoy the course, and good luck!

i’m not telling you it’s going to be easy, i’m telling you it’s going to be worth it