Contact & Schedule

Before completing this form, see www.physics.utoronto.ca/apl.
After applying to enroll in the Advanced Physics Lab on ACORN, this form must be emailed to the Lab Coordinator, David Bailey <dbailey@physics.utoronto.ca>, for approval.

Contact

Student Name: _____

Name (e.g. first) for Quercus experiment list: _____

Student Number: _____ **Course you are registered in:** _____

Official UofT Email: _____**@mail.utoronto.ca**

Alternate Contact (Optional) e.g. gmail /phone**:** _____

Schedule

Please put tick-marks (✓) in the cells to indicate the times you would be happy to attend the lab (including the normal Tuesday and Friday morning times), **Xs (×) to show the times when you cannot attend the lab, and question marks (?) to indicate times you could attend but would less happy to do so**. Be sure to indicate all currently known regular conflicts, even those outside the regular lab periods.

	Mon	Tue	Wed	Thu	Fri
9 – 10					
10 – 11					
11 – 12					
12 – 13					
13 – 14					
14 – 15					
15 – 16					

Do you plan to graduate in June 2022: YES/NO.

Please indicate here any other information you think we should know, comments, or special requests:

_____

_____

_____

Instructor Use Only

(Please leave blank, it will be used by us to record your grades)

Experiment	Session	Finish Date	Mark	Signature
Formal				
Oral Exam				

Please fill out the other side of this form as well

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List of experiments available:

Code	Experiment Name
AFM	Atomic Force Microscope
BRI	Brillouin scattering
C3D	Conductivity in less than three dimensions
CC	Cloud Chamber
COMP	Measurement of the Compton total cross section
ESR	Electron spin resonance
FAR	Faraday Waves
FE	Ferroelectrics
FTS	Fourier transform spectroscopy
FVF	Fractal Viscous Fingering
GAUS	Gaussian Beams
GE	Gamma ray spectroscopy with a germanium detector
GRAN	Granular Patterns
HALL	Semiconductor resistance, band gap, and Hall effect
HENE	The helium-neon laser
HEP	High energy physics
HTCK	High temperature superconductors (Kit)
HTCM	High temperature superconductors (Make)
KNOT	Knots and topological transformations in vibrating chains
LAUE	Laue back reflection of X-Rays
LENS	Lenses
LPP	Linear Pulse Propagation and Dispersion
MOS	Mossbauer effect
MUON	Muon lifetime
NEEL	Phase change in chromium at the Neel temperature
NMR	Nuclear magnetic resonance
OPT	Optical Tweezers
PXR	Powder method of X-ray analysis
QIE	Quantum Interference and Entanglement
RAM	Raman Effect
RB	Optical pumping of rubidium
RES	Resistivity of Metals
SOL	Solitons
SONO	Sonoluminescence
SQM	SQUID magnetometer
STM	Scanning Tunnelling Microscope
XRF	X-ray fluorescence
SPEC	Special Projects

List in order of preference

the experiments you would like to do. List the codes only and list your most preferred experiments first:

1)_____ 2)_____ 3)_____ 4)_____

5)_____ 6)_____ 7)_____ 8)_____

9)_____ 10)_____ 11)_____ 12)_____

13)_____ 14)_____ 15)_____ 16)_____

17)_____ 18)_____ 19)_____ 20)_____

21)_____ 22)_____ 23)_____ 24)_____

25)_____ 26)_____ 27)_____ 28)_____

29)_____ 30)_____ 31)_____ 32)_____

33)_____ 34)_____ 35)_____ 36)_____

37)_____ 38)_____ 39)_____ 40)_____

41)_____ 42)_____ 43)_____ 44)_____

Students in PHY 327 and 424 should keep in mind that they must do experiments with 3 different professors, so be sure to list a wide variety of experiments.

If there are experiments you don't want to do (or have already done), enter them at the end of the list, i.e. in slots 44, 43, 42, ….

Any experiments you don't mention will be assumed to rank equally below the experiments you do list, but before any experiments you enter in the end slots.

Note: We use the information provided on this form to initially plan the course and assign experiments. If your schedule, experiment preferences, or other information changes, you may later submit an updated version of this form.

Please fill out the other side of this form as well