

Announcement of Spring 2020 Courses

(As of February 3, 2020)

To obtain syllabi contact:
dmoy@gc.cuny.edu

Electromagnetic Theory I [Class #61851] - PHYS 71500 [Open to all levels]
Graduate Center campus Tu, Th, 9:00 am – 11:00 am Room # 6496 4.000 Credits Timothy Boyer

Quantum Mechanics II [Class #61853] - PHYS 72600 [Open to all levels]
Graduate Center campus Tu, Th, 11:15 am – 1:00 pm Room # 6496 4.000 Credits Li Ge

Statistical Mechanics [Class #61869] - PHYS 74100 [Open to all levels]
Graduate Center campus Tu, Th, 2:00 pm – 4:00 pm Room # 6496 4.000 Credits Brian Tiburzi

Computational Methods in Physics [Class #61871] - PHYS 78100 [Open to all levels]
Graduate Center campus Tu, Th, 2:00 pm – 4:00 pm Room # 9204 4.000 Credits Adrian Dumitru
Priority given to registration for grade; audits requires approval of Physics program
[Open to students in Physics, Chemistry, Biology, Biochemistry, and Computer Science]

Quantum Theory of Fields II [Class #61873] - PHYS 82600 [Open to 2nd year or higher]
Graduate Center campus M, W, 9:30 am – 11:15 am Room # 6495 4.000 Credits Jamal Jalilian-Marian

Cancelled High Energy Physics [Class #61916] - PHYS 83400 [Open to 2nd year or higher]
Graduate Center campus M, 11:30 am – 2:45 pm Room # 6495 4.000 Credits Daniel Kabat

Quantum Theory of Solids I [Class #61875] - PHYS 84500 [Open to 2nd year or higher]
Graduate Center campus Tu, 9:30 am – 12:30 pm Room # 4419 4.000 Credits So Takei

2D Materials Science [Class #61877] - PHYS 85200 [Open to 2nd year or higher]
Graduate Center campus Th, 9:30 am – 12:30 pm Room # 3212 4.000 Credits Gabriele Grosso
[Open to students in Physics, Chemistry, Engineering and Material Science]

Nanofabrication and Nanodevices [Class #61902] - PHYS 85200 [Open to 2nd year or higher]
City College of New York campus and Graduate Center Advanced Science Research Center uptown campus
F, 10:30 am – 1:30 pm 4.000 Credits Milan Begliarbekov
Lecture: CCNY, Marshak Hall, room #MR418
Lab: GC ASRC uptown campus, room #G.263 (clean room)
Priority given to registration for grade; audits requires approval of Physics program
[Open to students in Physics, Chemistry and Engineering]

Intro to Hardware & Algorithms of Quantum Computing [Class #61904] - PHYS 85200
[Open to 2nd year or higher]
Graduate Center campus F, 2:00 pm – 4:00 pm Room # 5383 3.000 Credits Larry Liebovitch
[Open to students in Physics, Computer Science, Engineering, Chemistry, and Social Sciences]

Research Rotation II [Class #61905] - PHYS 85600 [Open to 1st-year Physics students only]
Graduate Center campus [Rotation instructors and schedule to be determined]
3.000 Credits Igor Kuskovsky
[1st-year Physics students are required to take this course; grading is Pass/Fail]

Independent Study - PHYS 89900 [Open to Physics students in 2nd year or higher only]
Graduate Center campus 1.000 – 4.000 Credits
[Open to Physics students with less than 60.0 cumulative credits; limited to 1 Independent Study course per semester; requires permission of Executive Officer; schedule is determined between instructor and student]

Dissertation Supervision - PHYS 90000 [Open to Level 3 Physics students only]