Announcement of Spring 2020 Courses
(As of: December 5, 2019)

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

High Energy Physics [Class #61916] - PHYS 83400  [Open to 2nd year or higher]
Graduate Center campus  M, W, 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 # 4419  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, Marshall Hall, room #MR418
Lab: GC ASRC uptown campus, room #6.263 (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 # 4419  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]