Announcement of Spring 2020 Courses
(As of February 3, 2020)

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, 9:30 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 Beglarbekov
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]