Announcement of Spring 2020 Courses

(As of: October 30, 2019)

TBA: To Be Announced

Syllabi to be available in near future. dmoy@gc.cuny.edu

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

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

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

Computational Methods in Physics [Class #: TBA] - PHYS 78100 [Open to all levels]
Graduate Center Campus  Tu, Th, 2:00 pm – 4:00 pm  Room # [TBA] 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 #: TBA] - PHYS 82600 [Open to 2nd year or higher]
Graduate Center Campus  M, W, 9:30 am – 11:15 am  Room # [TBA] 4.000 Credits  Jamal Jalilian-Marian

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

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

2D Materials Science [Class #: TBA] - PHYS 85200 [Open to 2nd year or higher]
Graduate Center Campus  Th, 9:30 am – 12:30 pm  Room # [TBA] 4.000 Credits  Gabriele Grosso

Nanofabrication and Nanodevices [Class #: TBA] - PHYS 85200 [Open to 2nd year or higher]
City College of New York and Graduate Center Advanced Science Research Center (uptown campus)
F, 10:30 am – 1:30 pm  Room # [TBA] 4.000 Credits  Milan Begiliarbekov
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 #: TBA] - PHYS 85200
[Open to 2nd year or higher]
Graduate Center Campus  F, 2:00 pm – 4:00 pm  Room # [TBA] 3.000 Credits  Larry Liebovitch
[Open to students in Physics, Computer Science, Engineering, Chemistry, and Social Sciences]

Research Rotation II [Class #: TBA] - 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 determined between instructor and student]

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