Announcement of Fall 2012 Courses
(Revised: September 4, 2012)

N.B.: Classroom locations are subject to change.

Mathematical Methods in Physics [19030] – PHYS 70100  [Open to all levels]
Graduate Center Campus  M, W  9:45 am - 11:25 am  Room # 6495  4.000 Credits  Prof. Vadim Oganesyan

Analytical Dynamics [19031] – PHYS 71100  [Open to all levels]
Graduate Center Campus  M, W  11:55 am - 1:35 pm  Room # C-415A  4.000 Credits  Prof. Tobias Schafer

Electromagnetic Theory II [19032] – PHYS 71600  [Open to all levels]
Graduate Center Campus  Tu, Th  2:00 pm - 4:00 pm  Room # 6495  4.000 Credits  Prof. Timothy Boyer

Quantum Mechanics I [19033] – PHYS 72500  [Open to all levels]
Graduate Center Campus  M, W  2:10 pm - 3:50 pm  Room # C-415A  4.000 Credits  Prof. Leon Cohen

Particle Physics [19034] – PHYS 73600  [Open to all levels]
Graduate Center Campus  Th  9:30 am - 12:40 pm  Room # 3209  4.000 Credits  Prof. Stefan Bathe

Astrophysics [19035] – PHYS 75700  [Open to all levels]
Graduate Center Campus  F  2:15 pm - 5:25 pm  Room # 8404  4.000 Credits  Prof. Tim Paglione

Quantum Theory of Fields I [19036] – PHYS 82500  [Open to 2nd year or higher]
Graduate Center Campus  Th  12:50 pm - 4:00 pm  Room # 3309  4.000 Credits  Prof. Daniel Kabat

Quantum Theory of Solids I [19037] – PHYS 84500  [Open to 2nd year or higher]
Graduate Center Campus  M, W  9:45 am - 11:25 am  Room # 8404  4.000 Credits  Prof. Neepa Maitra

Algebraically Solvable Problems in Physics [19038] – PHYS 85200  [Open to 2nd year or higher]
Graduate Center Campus  M  12:15 pm - 2:30 pm  Room # 8404  4.000 Credits  Prof. V. Parameswaran Nair

Non-linear Optics [19039] – PHYS 85200  [Open to 2nd year or higher]
Graduate Center Campus  W  12:15 pm - 2:30 pm  Room # 4419  4.000 Credits  Prof. Lev Deych

Frontiers of Condensed Matter [19040] – PHYS 85200  [Open to 2nd year or higher]
Graduate Center Campus  Tu, Fri  11:45 am - 1:25 pm  Room # 4419  4.000 Credits  Prof. David Schmeltzer
Prerequisite: Solid State Physics

Survey of Research Opportunities at CUNY [19041] – PHYS 85400  [Open to 1st year students only]
[1st-year students are required to take this course]  [Grading is “Pass/Fail”]
Graduate Center Campus  F  11:35 am - 2:05 pm  Room # 3309  3.000 Credits  Prof. Sultan Catto

Independent Study – PHYS 89900  [Requires permission of instructor]
Graduate Center Campus  1.000 – 4.000 Credits
[Physics students are limited to 1 Independent Study course per semester]

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