**Announcement of Fall 2010 Courses (revised September 24, 2010)**

**Mathematical Methods in Physics [12445] - PHYS 70100 – GC**  
Graduate Center Campus  M, W  9:45 am - 11:25 am  Room # 6495  4.000 Credits  Prof. Mark Hillery

**Analytical Dynamics [12446] - PHYS 71100 – GC**  
Graduate Center Campus  M, W  11:55 am - 1:35 pm  Room # C415A  4.000 Credits  Prof. Tobias Schafer

**Electromagnetic Theory II [12451] - PHYS 71600 – GC**  
Graduate Center Campus  Tu, Th  2:00 pm - 4:00 pm  Room # 5417  4.000 Credits  Prof. Timothy H. Boyer

**Quantum Mechanics I [12452] - PHYS 72500 - GC**  
Graduate Center Campus  M, W  2:10 pm - 3:50 pm  Room # C415A  4.000 Credits  Prof. Leon Cohen

**Theory of Relativity & Gravitation [12453] - PHYS 74800 – GC**  
Graduate Center Campus  Tu, Th  12:05 pm – 1:55 pm  Room # 4419  4.000 Credits  Prof. Alexios P. Polychronakos

**Quantum Theory of Fields I [12454] - PHYS 82500 – GC**  
Graduate Center Campus  Tu  9:00 am - 12:00 pm  Room # 3212  4.000 Credits  Prof. Justin Vazquez-Poritz

**Physics of Semiconductors – Selected Topics [12456] - PHYS 85100 – GC**  
Graduate Center Campus  F  1:40 pm - 5:00 pm  Room # 8404  4.000 Credits  Prof. Igor Kuskovsky

**Introduction to High Energy Physics [12457] - PHYS 85200 – GC**  
Graduate Center Campus  F  10:00 am - 1:15 pm  Room # 7395  4.000 Credits  Prof. Daniel Kabat

**Scientific Career Management: Strategies for Enhancing Job Prospects and Career Opportunities for Ph.D. Scientists & Engineers [12458] - PHYS 85200 – GC**  
Graduate Center Campus  M  11:45 am - 1:45 pm  Room # 8405  0.000 Credits  Prof. Brian B. Schwartz  
**[Open to all Science, Computer Science, Mathematics and Engineering students]**

**Survey of Research Opportunities at CUNY [12459] PHYS 85400 – GC**  
Graduate Center Campus  F  11:35 am - 1:35 pm  Room # 6496  3.000 Credits  Prof. Sultan Catto  
**[1st-year students are required to take this course]  [Grading is "Pass/Fail"]**

**Independent Study [12461] - PHYS 89900**  
Graduate Center Campus  1.000 - 4.000 Credits  
**[Requires permission of instructor; Open to 2nd year & higher]**

**Dissertation Supervision [12462] - PHYS 90000**  
Graduate Center Campus  1.000 Credit  
**[Open to Level 3 Physics student only]**

To request syllabus: contact Daniel Moy at dmoy@gc.cuny.edu