## Announcement of Fall 2011 Courses

### Mathematical Methods in Physics (15963) - 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 (15964) - PHYS 71100  [Open to all levels]
Graduate Center Campus  M, W  11:55 am - 1:35 pm  Room # C-415A  4.000 Credits  Prof. Joel Gersten

### Electromagnetic Theory II (15965) - PHYS 71600  [Open to all levels]
Graduate Center Campus  Tu, Th  2:00 pm - 4:00 pm  Room # 6495  4.000 Credits  Prof. Timothy H. Boyer

### Quantum Mechanics I (15966) - 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

### Theory of Relativity & Gravitation (15967) - PHYS 74800  [Open to all levels]
Graduate Center Campus  Tu, Th  4:15 pm - 6:05 pm  Room # 4419  4.000 Credits  Prof. Alexios P. Polychronakos

### Quantum Theory of Fields I (15968) - PHYS 82500  [Open to 2nd year or higher]
Graduate Center Campus  W  9:30 am - 12:30 pm  Room # 3209  4.000 Credits  Prof. Justin Vazquez-Poritz

### Quantum Theory of Solids I (15969) - PHYS 84500  [Open to 2nd year or higher]
Graduate Center Campus  Tu  9:30 am - 12:30 pm  Room # 3212  4.000 Credits  Dist. Prof. Godfrey Gumbs

### Physics of Semiconductors – Selected Topics (15970) - PHYS 85100  [Open to 2nd year or higher]
Graduate Center Campus  F  1:40 pm - 5:00 pm  Room # 8404  4.000 Credits  Prof. Kai Shum

### Introduction to High Energy Physics (15971) - PHYS 85200  [Open to all levels]
Graduate Center Campus  Th  10:00 am - 1:15 pm  Room # 3209  4.000 Credits  Prof. Daniel Kabat

### Scientific Career Management: Strategies for Enhancing Job Prospects and Career Opportunities for Ph.D. Scientists & Engineers (15972) - PHYS 85200  [Open to 2nd year or higher]
Graduate Center Campus  M  11:45 am - 1:45 pm  Room # 3209  0.000 Credits  Prof. Brian B. Schwartz  [Open to all Science, Computer Science, Mathematics and Engineering students]

### Survey of Research Opportunities at CUNY (15973) - 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 - 1:35 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

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

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

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