

# ORC Selected Subject Offerings

## Version II – Fall Term 2009

*Changes in Italics*

As of September 14, 2009

Number	Subject Name	Instructor	Day	Time	Location
1.124J/2.091J/ ESD.51J	Software and Computation for Simulation	Williams	MW	11:00-12:30	3-370
1.146J/ESD.71J/3.56J/ 16.681J Lecture (A) Recitation (B) Recitation	Engineering Systems Analysis for Design	de Neufville	TR T R	10:30-12:00 3:00 9:00	32-155 32-155 35-155
1.200J/11.544J/ ESD.21J Lecture Recitation	Transportation Systems Analysis: Performance and Demand	Barnhart/ Odoni	TR F	10:30-12:00 12:00	5-134 5-134
1.231J/16.781J/ ESD.224J	Planning and Design of Airport Systems	de Neufville/ Odoni	TR	1:00-2:30	1-371
1.232J/15.054J/ 16.71J/ESD.217J	The Airline Industry	Barnett/Odoni Hansman/ Barnhart/ Belobaba/Kochan	MW	1:00-2:30	33-419
<b>1.270J/ESD.273J</b>	Logistics and Supply Chain Management	Simchi-Levi	WF	2:30-4:00	1-115
6.207J/14.15J Lecture Recitation	<i>Networks</i>	<i>Acemoglu/ A. Ozdaglar</i>	<i>MW F</i>	<i>2:30-4:00 11:00</i>	<i>32-141 36-155</i>
<b>6.231</b> Lecture Recitation	Dynamic Programming and Stochastic Control	Bertsekas	TR F	1-2:30 10:00	4-149 36-153
6.263J/16.370J	Data-Communication Networks	Shah	TR	1-2:30	32-124
6.336J/2.096J /16.910J	Introduction to Numerical Simulation	Daniel/White	TR	1-2:30	35-255
6.339J/2.097J/16.920J	Numerical Methods for Partial Differential Equations	Peraire/ Patera/White	MW	8-9:30	1-390
<b>6.431</b> Lecture Recitation	Applied Probability	Tsitsiklis	MW TBA	12:00 TBA	34-101 TBA
6.854J/18.415J	Advanced Algorithms	Karger	MW F	2:30-4:00	32-144
6.975 Lecture Recitation	Introduction to Convex Optimization	Boyd/ Parrilo	TR F	2:30-4:00 11:00	2-147 2-147
14.122** Lecture Recitation	Microeconomic Theory II	Ellison	MW F	1:00-2:30 1:00-2:30	E51-149 E51-057
<b>14.381</b> Lecture Recitation	Statistical Method in Economics	Chernozhukov/ Mikusheva	TR F	9:00-10:30 9:00-10:30	E51-151 E51-057
14.384 Lecture Recitation	Time Series Analysis	Mikusheva	TR F	2:30-4:00 4:00-5:30	E51-395 E51-390
14.385 Lecture Recitation	Nonlinear Econometric Analysis	Chernozhukov/N ewey	MW F	1:00-2:30 1:00-2:30	E51-151 E51-361
<b>T = Tuesday R = Thursday</b>		* <b>Half Term = 9/9 - 10/23</b> ** <b>Half Term = 10/26 - 12/10</b>		Course in <b>BOLD</b> = ORC "Core" Courses	

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15.062J/ESD.754J* Lecture Recitation	Data Mining: Finding the Data and Models that Create Value	Welsch	MW R	4:00-5:30 4:00	E51-061 E51-385
15.067**	Competitive Decision-Making and Negotiation	Kaufman	MW	4:00-6:30	E51-335
15.070J /6.265J	Advanced Stochastic Processes	Gamarnik	TR	2:30-4:00	35-225
15.073J/6.281J/1.203J /16.76J/ESD.216J	Logistical & Transportation Planning Methods	Barnett/ Larson/Odoni/	MW	10:30-12:00	1-150
15.074J/ESD.755J Lecture Recitation	Statistical Reasoning and Data Modeling	Welsch	MW T	2:30-4:00 4:00	E51-061 E51-061
15.075 (A) Lecture (B) Lecture (A) Recitation (B) Recitation	Statistical Thinking and Data Analysis	Rudin	MW MW F F	1:00-2:30 2:30-4:00 1:00-2:30 2:30-4:00	E52-111 E52-111 E51-085 E51-315
15.081J /6.251J Lecture Recitation	Introduction to Mathematical Programming	Bertsimas	TR F	8:30-10:00 11	E52-175 E51-057
15.083J/6.859J Lecture Recitation	Integer Programming and Combinatorial Optimization	Bertsimas/ Schulz	MW F	4:00-5:30 2:00	2-131 E51-376
15.085J /6.436J Lecture Recitation	Fundamentals of Probability	Gamarnik	MW F	2:30-4:00 3:00	35-225 36-156
15.093J /6.255J Lecture (A) Recitation (B) Recitation	Optimization Methods	Bertsimas	TR F F	10:00-11:30 1:00 2:30	E52-175 66-168 66-144
15.769	Operations Strategy	Fine/ Rosenfield	TR	2:30-4:00	E51-151
15.770J/1.260J/ ESD.260J	Logistics Systems	Caplice/ Sheffi	MW	8:30-10:00	E51-315
15.792J/2.890J/3.80J/ 10.792J/16.985J	Proseminar in Manufacturing	Rosenfield	M	4:00-6:00	E51-315
15.799	Workshop in Operations Management	Sterman	W	11:30-1:00	E51-057
15.871* (A) Lecture (B) Lecture (C) Lecture (D) Lecture (A) Recitation (B) Recitation (C) Recitation (D) Recitation	Introduction to System Dynamics	Centola / Lamberson	MW MW MW MW F F F F	8:30-10:00 10:00-11:30 8:30-10:00 10:00-11:30 2:30-4:00 10:00-11:30 8:30-10:00 2:30-4:00	E51-345 E51-345 E51-151 E51-057 E51-325 E51-325 E51-325 E51-395
15.073J/6.281J/1.203J /16.76J/ESD.216J	Logistical & Transportation Planning Methods	Barnett/ Larson/Odoni	MW	10:30-12:00	1-150
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<b>18.100B</b> (A) Lecture (B) Lecture	Analysis I	TBA	MW TR	9:30-11:00 11:00-12:30	4-149 4-163
<b>18.315</b>	Combinatorial Theory	Stanley	MW F	1:00	2-135
<b>18.438</b>	Advanced Combinatorial Optimization	Goemans	TR	9:30 – 11:00	2-135
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<b>Computer Literacy Requirement Subjects</b>					
Number	Subject Name	Instructor	Day	Time	Location
<b>1.001</b> Lecture Recitation	Introduction to Computers and Engineering Problem Solving	Harward/ Kocur	MWF <b>TBA</b>	3:00-4:30 <b>TBA</b>	10-250 <b>TBA</b>
<b>1.264J/ESD.264J</b> Lecture Recitation	Database, Internet, and Systems Integration Technologies	Kocur	MW F	1:00-2:30 1:00-2:30	4-231 4-231
<b>6.034</b> (Basic) (A) Lecture (A) Recitation (B) Recitation (C) Recitation (D) Recitation (E) Recitation	Artificial Intelligence	Winston	MWF R R R F F F	11:00 1:00 2:00 3:00 1:00 2:00 3:00	34-101 24-407 24-407 24-407 26-210 26-210 26-210
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