

Syllabus for Math Tools for Economists II (Econ 1088-001) - Fall 2009

Instructor:

Rob Tischer

Class Meeting Times:

T TH 3:30pm-4:45pm HUMN 250

Final Exam

Tuesday, December 15, 2009, 1:30pm

Office Location:

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Nor!" N520 #Nor!" \$library 5th & floor N ' To (er)

Email:

robertischer@colorado.edu

This is the best (ay to contact me, if you (o", -e a reply (i"hi" 24 hours please assume "ha" . did", -e your email a" d res" +color-s54!1

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Essential Mathematics for Economic Analysis, 3rd edition, by @"u% >ydsa%er, a"d 6e%er Hammo"d is re=uired* 1070 adop%is %he same %e1%boo9* This is a 2ery -ood re%ere"ce boo9, (hich ca" a! (ays help %o re&resh your 9"o (!ed-e o& a!-ebra a"d c##5 2ery -ood re%e%Me"0!#Tee %s op 2! m!%o%h10!# red- H %oi%esPiMH

Week	Course Material	Topics	Team/Exam
0/24	E*1, E*2, E*3	>!opes, Deri2a#i2es, Ta" -e"%s, ."creasi" -/Decreasi" - Gu"ciio"s	
0/31	E*4, E*5, E*E	Rules o& 4 ha" -e, \$imi&s, >imple Rules	I ui; 1
/7	E*7, E*0, E*	>ums, 6roduc&s, Iuo%ie"%s, 4hai" Rule, Hi-her 5 rders	Team 1
/14	E*10, E*11, 7*1	3 lpo"e"%ia&s, \$o-ari&hms, .mp!ici Di&&ere"%ia&io"	I ui; 2
/21	7*2, 7*3 Mid&erm 1	3 l&mples, ."2erse	Mid&erm 1 # /24)
/20	7*4, 7*5, 7*E	6oly"omia! ?ppro1*, Tay!or&s Gormula, 3!as&ici&ies	Team 2
10/5	7*7, 7*0, 7*	3!as&ici&ies, 4o"i"ui&y, \$imi&s	I ui; 3
10/12	7*10, 7*11, 7*12	."&ermediate Kalue, ."&i"i&e >e=ue"ces, \$!Hop&i&ia&s	Team 3
10/1	0*1, 0*2, 0*3	>imple Tes&s, 3 l&mples	I ui; 4
10/2E	0*4, 0*5, 0*E	3 l&reme-Kalue, 3 l&mples* \$oca! 3 l&rema	Team 4
11/2	0*7, *1 Mid&erm2	."&le&cio" 6oi"%s, ."de&i"i&e ."e-ra&s	Mid&erm 2 #11/5)
11/	*2, *3, *4	? rea a"d De&i"i&e ."e-ra&s, 6roperties, ?pp!icatio"s	Team 5
11/1E	*5, *E, *7	."e-ra&io" by 6ar&s, >ubs&i&u&io", ."&i"i&e ."e-ra&s	Team E
11/23	-	Gal! : rea9 #"o classes)	
11/30	11*1, 11*2, 11*3	Gu"ciio"s, 6ar&ia! Deri2a#i2es, Ceome&ric Represe"%ia&io"	I ui; 5

12/7

11*4, 11*5, 11*E

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