

BOOKLIST FOR SPRING 2007 SEMESTER

CLASS # NAME	BOOK TITLE	AUTHOR	PUBLISHER	ISBN NUMBER	COMMENTS
MAT 112 –Algebraic Operations & Function Course Supervisor: Prof. Masingila	<i>Algebraic Operations & Foundations (6th Edition)</i>	Masingila	Pearson	0536833850	Students must buy new.
MAT 118 –Foundational Math Via Problem Solving 1- Course Supervisor: Prof. Masingila	<i>Mathematics for Elementary Teachers and Exploration Manual Math Elem Teachers (bundles 2 textbooks, The Student Activity Manual & the Student Resource Handbook)</i>	Masingila	Tichenor Publish. & Printing	1427502935	Students need to buy package – need both books.
MAT 121- Probability & Statistics For Liberal Arts I Course Supervisor: Prof. Ucci	Elementary Statistics w/mini tab manual & my Math Lab, Student Solutions Manual 10 th Edition - Package Minitab Manual Required Textbook Alone Required	Triola	Addison-Wesley	032149315X (pkg.) 0-32136919X 0321331834	Text and Minitab Manual required for the course. My Math Lab not req'd Student Solutions – not req'd
MAT 122 –Probability & Statistics For Liberal Arts II + UC COURSE Course Supervisor: Prof.Fatica	Elementary Statistics w/mini tab manual & my Math Lab, Student Solutions Manual *UPDATE: Triola 10th edition this semester 2007 copyright same as 121	Triola	Addison-Wesley	032149315X (pkg.)	Text and Minitab Manual required for the course. My Math Lab not req'd Student Solutions – not req'd
MAT 183 – Elements of Modern Mathematics Course Supervisor: Prof. Masingila	<i>Finite Mathematics & Its Applic, 9th Edition 2007 Student Solutions Manual – Package or Textbook – Req'd</i>	Goldstein	Prentice Hall	013175064X Pkg. w/SSM 0131873644	Students may buy used 9 th Edition. Solutions manual not req'd.
MAT 194 –Precalculus Course Supervisor: Prof. Vogel	Functions Modeling Change 3rd Edition Package w/student solutions <i>Textbook alone</i>	Connally	Wiley	047014064X 9780471793038	NEW EDITION - Third Edition
MAT 221 – Elementary Probability & Statistics I Course Supervisor:	<i>Intro to the Practice of Statistics 5TH Edition packaged Study Pack</i> <i>Textbook only</i>	Moore & McCabe	W. H. Freeman	0716773791 0716764008	Textbook only required. Student can buy used.
MAT 222 - Elementary	<i>Intro to the Practice of Statistics</i>	Moore &	W. H. Freeman	0716773791	Textbook only required. Student can buy

Probability & Statistics II Course Supervisor: Prof. Kim	5 TH Edition packaged Study Pack or Textbook Alone	McCabe		0716764008	used.
MAT 275 – Intro to Abstract Mathematics Course Supervisor: Prof. Meyer	<i>How To Prove It: A Structured Approach</i>	Daniel J. Valleman	Cambridge Press	0-52167599-5	Students can buy used.
MAT 284 – Business Calculus Course Supervisor: Prof. Xu	<i>Introduction to Mathematical Analysis Pkg. Textbook only</i>	Hauseler	Prentice Hall	0-131516957 0131139487	Students can buy used. CD & Solution not req'd.
MAT 285 – Life Sciences Calculus I Course Supervisor: Prof. Hsiang	<i>Calculus w/Applic. For the Life Sciences & My Math Lab or</i>	Greenwall, Ritchey, Lial	Addison Wesley	0-321122372	<i>(My Math Lab not required but helpful)</i>
	<i>Calculus w/Applic For the Life Sciences textbook only</i>			020174582-8	Students can buy used.
MAT 286 – Life Sciences Calculus I Course Supervisor: Prof. Hsiang	<i>Calculus w/Applic. For the Life Sciences & My Math Lab or</i>	Greenwall, Ritchey, Lial	Addison Wesley	0-321122372	<i>(My Math Lab not required but helpful)</i>
	<i>Calculus w/Applic For the Life Sciences textbook only (My Math Lab not required but helpful)</i>			020174582-8	Students can buy used.
MAT 295 – Calculus I – Prof. Shen AND MAT 296 - Calculus II & UC Same book Prof. Zacharia	The Calculus ET package 5 th Edition Or Textbook only	Stewart	Thomson	0-495297712 pkg	Students can buy used.
	A Companion to Calculus (optional for both MAT 295 & 296)	Ebersole	Thomson	0-534393217tex t	Companion to Calculus is not required but helpful.
	MAT 296 uses the same books as MAT 295			0-49501124X	Study Guides and Solutions Manual are recommend and can be purchased separately
MAT 331 – 1st Course In Linear Algebra Prof. Banerjee	<i>Linear Algebra & Its Applications Update 3E with Free Study Guide & Free My Math Lab! Linear Algebra & Its Applications</i>	Lay	Addison-Wesley	0321442504 or 0321287134	Free study guide, My Math Lab and CD not required for the course but may be helpful. Students can buy used.

	<i>w/CD</i> <i>Students can buy used-CD NOT REQ'D</i>				
MAT 397 – Calculus III Prof. Verchota	<i>The Calculus ET Package 5th Ed.</i>	Stewart	Thomson	0495297712	Students can buy used text which is the same book used as MAT 295 & MAT 296/ This is the Multivariable part of the course. Students can buy used. If components are bought be sure they are the “multivariable”
MAT 412 – Foundations of Calculus Prof. Vogel	<i>Intro To Real Analysis 3rd Ed.</i>	Bartle & Sherbert	Wiley	0471321486	Students can buy used.
MAT 485 – Diff Equations & Matric Algebra For Engineers UPDATE TO 2ND ED. Prof. Lutoborski	<i>Differential Equations & Linear Algebra</i> <i>Copyright 2007</i>	Farlowe&Hal l	Prentice Hall	0131860615	This is a new edition for this semester.
MAT 512 – Intro To Real Analysis - Prof. Miller	<i>Intro To Real Analysis 3rd Ed.</i>	Bartle & Sherbert	Wiley	047132148-6	Same book as MAT 412 – Students can buy used.
MAT 514 Sec 1– Intro Ordinary Differential Equations Prof. Hsiang	<i>Elementary Differential Equations & Boundary Value Problems 8th Ed.</i>	Boyce & Di Prima	Wiley	0471433381	Students can buy used – same book as used in the Fall 06. Pls. note MAT 514 SEC 1 book is different from MAT 514 SEC 2
MAT 514 Sec 2– Intro Ordinary Differential Equations Prof. Olimpio	<i>Differential Equations 2nd Ed.</i>	Blanchard, Devaney Hall	Brooks Cole	0534385141	Students can buy used – this book was used in the Fall 05. Pls. note MAT 514 SEC 1 book is different from MAT 514 SEC 2
MAT 517 – Partial Differential Equations and Fourier Series Prof. Vogel	<i>Partial Differential Equations & Boundary Value</i>	Pinsky	Waveland Press	157766275X	Student can buy used Book previously used semester.
MAT 521– Intro to Probability & Stats Sections 1 & 2 - Prof. Maric	<i>Probability & Statistics 3rd Ed. 2002 Copyright</i>	DeGroot	Addison-Wesley	020152488-0	Students can buy used.
MAT 525 – Mathematical Statistics Prof. Cox	<i>Probability & Statistics 3rd Ed. 2002 Copyright</i>	DeGroot	Addison-Wesley	020152488-0	Students can buy used.
MAT 526 – Probability Prof. Griffin	<i>An Introduction to Stochastic Modeling</i>	Samuel Karlin	Elsevier	0126848874	Students can buy used. This book was used previously in this course in Spring 03.

	<i>3rd Ed. 1998</i>				
MAT 532 – Applied Linear Algebra Prof. Leuschke	<i>Elementary Linear Algebra Applications 9th Edition</i>	Anton-Rorres	Wiley	0471669598	This a new edition that was not previously used.
MAT 534 – Introduction to Abstract Algebra Prof. Kleiner	<i>Modern Algebra An Introduction</i>	Durbin	Wiley	0471433357	Students can buy used. This book was previously used in this course in Spring 05.
MAT 541 – Introduction to Number Theory Prof. Meyer	<i>Elementary Number Theory 6th Edition Copyright 2007</i>	David Burton	McGraw Hill	0073051888	This is a new Edition.
MAT 551 – Fundamental Concepts of Geometry Prof. Graver	<i>Modern Geometry w/Applications</i>	Jennings	Springer	038794222X	Students can buy used. This book was previously used last Spring.
MAT 593 – History of Mathematics Prof. McConnell	<i>A History of Mathematics 1st Ed. Copyright 2002</i>	Jeff Suzuki	Prentice Hall	0130190748	Students can buy used. This book was previously used in the Spring 06 semester.
MAT 602 – Fundamental of Analysis Prof. Verchota	<i>Principles of Math Analyses</i>	Rudin	McGraw Hill	07054235X	Students can buy used. Book previously used in 05.
MAT 632 – Introduction to Algebra II Prof. Zacharia	<i>Algebra</i>	Artin	Prentice Hall	0130047635	Students can buy used. Previously used Fall 06 in this course.
MAT 645 – Graph Theory Prof. Watkins	<i>Algebraic Graph Theory</i>	Godsil & Royle	Springer Verlag	0387952209	Students can buy used. This book was previously used in Spring 05 semester.
MAT 652 – Prof. Kim	<i>Statistical Inference</i>	Casella & Berger	Duxbury	0534243126	Students can buy used.
MAT 654 – Linear Models Prof. Kim	<i>Linear Regression Analysis</i>	Seber & Lee	Wiley	047415405	Students can buy used
MAT 684 – Methods of Numerical Analysis I and II Prof. Xu	Numerical Analysis – Mathematics of Scientific Computing 3 rd Edition	David Kincaid E.Ward Cheney	Brooks Cole	0534389058	Students can buy used. Book previously used in MAT 683 in Fall 06.
MAT 702 – Functional Analysis I Prof. Poletsky	<i>A Course in Functional Analysis 2nd Ed.</i>	John Conway	Springer	0387972455	
MAT 712 - Functions of a Complex Variable I Prof. Poletsky	<i>Complex Analysis Vol 1 (2001)</i>	Theodore Gamelin	Springer	0-387950699	Students can buy used – this book was previously used Spring 2006 and 2005 semester.
MAT 722 – Probability II	<i>Probability Theory & Examples 3rd</i>	R. Durrett	Duxbury	0534424414	Student can buy used. This book was

Prof. Cox	<i>Ed.</i>				previously used in MAT 721 & MAT 722.
MAT 738 – Introduction to Algebraic Geometry Prof. Quinn	<i>Algebraic Geometry</i>	R. Hartshone	Springer Verlag	0387902449	Student can buy used. This book was previously used in Spring 2005 semester.
MAT 761 – Introduction to Algebraic Topology Prof. Ucci	<i>An Intro to Algebraic Topology</i>	Rotman	Springer	0387966781	Student can buy used. This book was previously used in Fall & Spring 05.
MAT 781 – Advanced Numerical Methods - Prof. Lutoborski	<i>Matrix Analysis & Applied Linear Algebra</i> <i>Convex Optimization</i>	Carl D. Meyer S. Boyd Vanderberg he	SIAM Cambridge	089871454 052183378	Required Recommended
MAT 840 – Topics in Combinatorics Prof. Graver	<i>No Book Assigned – Prof. will advise Students.</i>	-	-	-	No book assigned – Prof. will advise students.

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