Textbook Master List

School Year: Spring, 2004

Course	Title	Edition	New?	Author	Publisher	1-st	2-nd	Summer
111	ALEKS Workshop for Intermediate Algebra ISBN 0-07-248153-6		New	Hutchison Hoelzle and Bergman	McGraw Hill		90	
111X	Intermediate Algebra Concepts and Applications	6th	Same	Bittinger Keedy and Ellenbogen	Addison Wesley		35	
137	Mathematics for Elementary School Teachers A Concep- tual Approach (ISBN 0073881333 or 0073881325)	6th	Same	Bennett and Nelson	McGraw Hill		50	
137	Mathematics for Elementary School Teachers An Activ- ity Approach (ISBN 0-07-006298-6)	6th	Same	Bennett and Nelson	McGraw Hill			
138	Mathematics for Elementary School Teachers A Conceptual Approach	6th	New	Bennett and Nelson	McGraw Hill		230	
139	Mathematics for Elementary Teachers Volume 2: Geom- etry and Other Topics. (Bundled with Class Activities) ISBN 0-321-14914-9	Prelimir Edition	a S ayme	Beckmann	Addison Wesley		60	
152	College Algebra (ISBN 0-534-47615-5)	7th	Same	Gustafson and Frisk	Brooks Cole		230	
153	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole		700	
153X	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole		35	
154	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole		875	
154X	Algebra and Trigonometry with Analytic Geometry	10th	New	Swokowski and Cole	Brooks Cole		35	
159	Algebra and Trigonometry with Analytic Geometry	10th	Same	Swokowski and Cole	Brooks Cole		275	
161	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		400	
161E	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		45	
162	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		650	
162M	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		40	
166	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		650	
174	Calculus (ISBN 0-201444141-1)	10th	Same	Thomas Finney	Addison Wesley		180	
182	Calculus (ISBN 0-201444141-1)	10th	Same	Thomas Finney	Addison Wesley		30	
190H	Knots and Surfaces A Guide to Discovering Mathematics (Mathematical World Series Vol. 6)	newest	Same	Farmer and Stanford	AMS		20	
220	Applied Calculus For Managerial Life and Social Sciences (ISBN 0-534-37843-9)	5th	Same	Tan	Brooks Cole		150	

Course	Title	Edition	New?	Author	Publisher	1-st	2–nd	Summer
221	Technical Calculus with Analytic Geometry (ISBN 0- 534-79279-0 Kuhfittig - Tech Calculus 3rd Custom Pack- age.)	3rd	Same	Kuhfittig	Brooks Cole		300	
222	Technical Calculus with Analytic Geometry (ISBN 0- 534-79279-0 Kuhfittig - Tech Calculus 3rd Custom Pack- age.)	3rd	Same	Kuhfittig	Brooks Cole		190	
223	Applied Calculus For Managerial Life and Social Sciences (ISBN 0-534-37843-9)	5th	Same	Tan	Brooks Cole		700	
224	Applied Calculus For Managerial Life and Social Sciences (ISBN 0-534-37843-9)	5th	New	Tan	Brooks Cole		1125	
261	Calculus - Early Transcendentals	4th	Same	Stewart	Brooks Cole		600	
262	An Introduction to Differential Equations and Linear Al- gebra	1999	Same	Goode	Prentice Hall		260	
265	Elementary Linear Algebra	7th	Same	Kolman and Hill	Prentice Hall		500	
265	Linear Algebra Labs with MATLAB		Same	Hill and Zitarelli	Prentice Hall			
266	Elementary Differential Equations and Boundary Value Problems (WITH CD)	7th	Same	Boyce and DiPrima	Wiley		550	
301	Notes		New				50	
303	Elementary Differential Equations and Boundary Value Problems (ISBN 0-471-08955-9)	7th	Same	Boyce and DiPrima	Wiley		165	
303	Ordinary Differential Equations using MATLAB	3rd	New	Polking	Prentice Hall			
304	Elementary Differential Equations and Boundary Value Problems	7th	Same	Boyce and DiPrima	Wiley		100	
304	Ordinary Differential Equations using MATLAB	3rd	New	Polking	Prentice Hall			
341	Understanding Analysis	2001	Same	Abbott	Springer		40	
351	Linear Algebras: Ideas and Applications	latest	Same	Penney	Wiley		180	
353	Linear Algebra with Applications	6th	Same	Leon	Prentice Hall		60	

Department: <u>Mathematics</u>

Textbook Master List

School Year: Spring, 2004

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362	Vector Calculus	5-th	New	Marsden and Tromba	Freeman		80	
366	Differential Equations (ISBN 0-13-5981379)		Same	Polking Boggess and Arnold	Prentice Hall		85	
370	Theory of Interest and Life Contingencies with Pension Applications (ISBN 1-56698-333-9)	3rd	Same	Paramenter	ACTEX		35	
371	ACTEX Study Manual for Course 1	2004	New	Broverman	ACTEX		20	
372	ACTEX Study Manuel for Course 2	2004	New	Actex	ACTEX		15	
375	Discrete Mathematics and its Applications	5th	Same	Rosen	McGraw Hill		65	
385	Language Proof and Logic	2000	New	Barwise and Etchemendy	CSLI Publication. U versity of Chicago Pr	ni- ess	40	
416	Fundamentals of Probability (value pack with Purdue tables) ISBN 0131237713	2nd		Ghahramani	Prentice Hall		25	
425	Complex Variables	7th	New	Brown	McGraw Hill		20	
442	The Elements of Real Analysis	2nd	Same	Bartel	Wiley		20	
450	Contemporary Abstract Algebra	5th	Same	Gallian	Houghton Mifflin		15	
453	Introductory Modern Algebra: A Historical Approach	latest	Same	Stahl	Wiley		70	
454	Field Theory and its Classical Problems	latest	Same	Hadlock	MAA		15	
460	The Elements	Vol I (Bo	Skas ne	Euclid	Dover		20	
460	Notes	1 and 11)						
400	10005							
490B	No text selected						5	
490N	Computational Cell Biology	2002	New	Fall Marland Wagner and Tyson (ed- itors)	Springer		10	
490N	Non-linear Dynamics and Chaos	1994	New	Strogatz	Westview Press		10	
504	Introduction to Real Analysis	2003	Same	Trench	Prentice-Hall		35	
510	Vector Calculus	5th	New	Marsden and Tromba	Freeman		50	
511	Linear Algebra	3rd	Same	Strang	Brooks Cole		80	
515	Arbitrage Theory in Continuous Time (ISBN 0-19-877518- 0)	1998	Same	Bkork	Cambridge		20	
518	Concrete Mathematics A Foundation for Computer Science	2nd	Same	Graham Knuth and Patashmik	Addison Wesley		25	
519	Introduction to Probability Theory	1st	New	Hoel Port and Stone	Prentice Hall		25	

Textbook Master List

School Year: Spring, 2004

Course	Title	Edition	New?	Author	Publisher	1-st	2–nd	Summer
523	Partial Differential Equations (ISBN 3-540-90609-6)	4th	Same	John	Springer Verlag		30	
525	Fundamentals of Complex Analysis for Mathematics Sciences and Engineering	3rd	Same	Saff and Snider	Prentice Hall		20	
528	Advanced Engineering Mathematics	8th	Same	Kreyszig	Wiley		60	
530	Complex Analysis	3rd	Same	Ahlfors	McGraw Hill		25	
530	Notes on Complex Function Theory (Recommended)	1994	Same	Sarason	Henry Helson			
532	Stochastic Processes ISBN 0-471-12062-6	2nd	New	Ross	Wiley		30	
538	Probability and Measure	3rd	Same	Billingsley	Wiley		20	
538	Probability Theory and Examples (Recommended)	1996	Same	Durrett	Duxbury			
544	Real Analysis	3rd (lat- est)	Same	Royden	Prentice Hall		30	
545	Singular Integrals and Differentiability Properties of Func- tions		New	E. M. Stein	Princeton		20	
553	Abstract Algebra	2nd	Same	Dummit and Foote	Wiley		20	
554	Basic Abstract I ISBN 0-7167-1480-9	latest	New	Jacobson	Freeman		15	
558	Commutative Ring Theory		Same	Matsumura	Cambridge Univer- sity Press		20	
558	An Introduction to homological Algebra (Recommended)	latest	New	Rotman	Academic Press			
572	Algebraic Topology	latest	Same	Greenberg and Harper	Perseus		20	
572	Algebraic Topology (Optional)	latest	Same	Fullton	Springer			
598B	No text used						10	
598C	Numerical Solutions of Partial Differential Equations by the Finite Element Method		New	Johnson	Cambridge		10	
598D	No text used						10	
598E	Local Cohomology. An Algebraic Introduction with Ge- ometric Applications.	Studies in Ad- vanced Mathem No. 60	New tics	M. P. Brodmann and R. Y. Sharp	Cambridge		20	
598G	Measure Theory and Fine Properties of Functions		New	Evans and Gariepy	CRC Press		10	
598Y	Algebraic Number Theory	2nd	New	Lang	Springer		15	

Textbook Master List

School Year: Spring, 2004

Estimated Enrollments

Course	Title	Edition	New?	Author	Publisher	1-st	2–nd	Summe
611	Foundation of Modern Analysis	latest	Same	Friedman	Dover		20	
611	Analyse fonctionelle Theorie et applications (Recommende	d)983	Same	Brezis	Masson Paris			1
631	An Introduction to Complex Analysis in Several Variables	1990	Same	Hormander	North Holland		10	
643	Elliptic Partial Differential Equations of Second Order	latest	New	Gilbarg and Trudinger	Springer		10	
661	Riemannian manifolds	1997	New	Lee	Springer		15	
664	Algebraic Geometry for Scientists and Engineers		Same	Abhyankar	AMS		10	1
664	Resolution of Singularities of Embedded Algebraic Sur- fces		Same	Abhyankar	Springer			
665	Notes						10	1
690B	Cohen-Macaulay Rings	2nd	Same	Bruns and Herzog	Cambridge		10	1
690S	Linear Algebraic Groups	2nd	New	Springer	Birkhauser		10	1
690S	Linear Algebraic Groups (Recommended)	2nd	New	Borel	GTM 126			1
693A	The Cauchy Transform Potential Theory and Conformal Mapping	1992	New	Bell	CRC		15	
693B	No text used						10	
697W	Introduction to Homological Algebra		New	Weibel	Cambridge		10	

Changes:

Text changed on December 15 for MA 301 OLD TEXT Yet Another Introduction to Analysis by Bryant, Cambridge. NEW TEXT Notes

Edition changed from 2nd to 3rd edition on December 15 for MA 303 and MA 304 Ordinary Differential Equations using MATLAB, 3rd Edition, by Polking, Prentice Hall. **NOTE**: The Boyce and DiPrima text for MA 303 and 304 is unchanged.

Edition changed from 6th to 7th on December 15 for MA 425

Text removed for MA 690S on December 15. Classification of Simisimple Algebraic Groups, 1971, by Satake, Marcek-Decker.

MA 161M removed and MA 162M added on December 15.

MA 290H and MA 520 removed on December 15.