

**DEPARTMENT OF MATHEMATICS  
UNC CHAPEL HILL  
Textbook List  
Fall 2001**

<u>Course</u>	<u>Text Title</u>	<u>Author</u>	<u>Edition</u>	<u>Publisher</u>
HNRS 006P-1	Groups & Symmetry	Farmer	latest	American Mathematical Society
HNRS 006P-2	Cryptology	Albrecht Beutelspacher	latest	MAA
	The Code Book	Simon Singh	latest	Doubleday
006P-4	No text			
10	College Algebra	Sullivan	6th	Prentice-Hall
17	Elementary Mathematical Models	Dan Kalman	latest	MAA
18	For All practical Purposes	Comap	latest	VHPS/W.H. Freeman
22	Calculus for Business, Economics & the Social & Life Sciences (Custom Text)	Hoffman, Bradley	7th	McGraw-Hill
30	Precalculus: Enhanced with Graphing Utilities	Sullivan	2nd	Prentice-Hall
31(1-13,15)	Calculus	Varberg, Purcell Rigdon	8th	Prentice-Hall
31-14	Laboratory Calculus Lab Manual	Duke University	latest	John Wiley & Sons
	Calculus Single Variable	Hughes-Hallet	latest	John Wiley & Sons
32	Calculus	Varberg, Purcell Rigdon	8th	Prentice-Hall
33	Calculus	Varberg, Purcell Rigdon	8th	Prentice-Hall
33A	Calculus	Varberg, Purcell Rigdon	8th	Prentice-Hall
67	Attribute Blocks Pocket Set	Nasco	latest	Nasco
	Math Matters Grades K-6	Chapin	latest	Math Solutions
	Math on Call	Great Source of Education	latest	Houghton Mifflin
81	Selected Chapters from Discrete Mathematics & its Applications (Custom Text)	Kenneth Rosen	4th	McGraw-Hill
83	Elementary Differential Equations & Boundary Value Problems	Boyce, DiPrima	7th	John Wiley & Sons
83A	Elementary Differential Equations with Linear Algebra	Albert Rabenstein	latest	Saunders
121	Understanding Analysis	Stephen Abbott	latest	Springer-Verlag

<u>Course</u>	<u>Text Title</u>	<u>Author</u>	<u>Edition</u>	<u>Publisher</u>
123	Fundamentals of Complex Analysis for Math, Science & Engineering	Saff, Snider	2nd	Prentice-Hall
124	Elementary Differential Equations & Boundary Value Problems	Boyce, DiPrima	7th	John Wiley & Sons
128	Advanced Engineering Mathematics	Michael Greenberg	latest	Prentice-Hall
131	Experiencing Geometry	David Henderson	2 <sup>nd</sup>	Prentice-Hall
133	Elementary Theory of Numbers	LeVeque	latest	Dover
137	Linear Algebra	Serge Lang	latest	Springer-Verlag
147-1	Linear Algebra with Applications (UNC Coursepack)	J. T. Scheick	3 <sup>rd</sup>	
147-2	Linear Algebra with Applications	Gareth Williams	4 <sup>th</sup>	Jones & Bartlett
148-1	Introductory Combinatorics	Richard A. Brault	3 <sup>rd</sup>	Prentice-Hall
148-2	Applied Combinatorics	Alan Tucker	latest	John Wiley & Sons
161	Actuarial Mathematics	Bowers et al	2 <sup>nd</sup>	Society of Actuaries
166	Numerical Analysis	Burden, Baries	latest	PWS-Kent
180	Elementary Differential Geometry	Barrett O'Neill	2 <sup>nd</sup>	Academic Press
186	Algebra	Serge Lang	latest	Springer
191	No text			
193	Elementary Classical Analysis	Marsden, Hoffman	latest	Freeman
198	Functions of a Complex Variable	Carrier	latest	HOD Books
	Course of Modern Analysis	Whittaker	latest	Cambridge University Press
	Treatise on the Theory of Bessel Functions	Watson	latest	Cambridge University Press
	Linear and Non-linear Waves	Whitham	latest	John Wiley & Sons
	Advanced Mathematical Methods for Scientist and Engineers	Bender	latest	Springer-Verlag
	Dynamics and Bifurcations	Hale	latest	Springer-Verlag
201	Partial Differential Equations	L. C. Evans	latest	American Mathematical Society
203	Real Analysis Modern Techniques & their Applications	Gerald Folland	latest	Wiley Interscience
221	Numerical Methods for Conservation Laws	Randal LeVeque	latest	Springer-Verlag
228	The Structure and Rheology of	Ronald Larson	latest	New York

Complex Fluids

Oxford Press

231	Introduction to Commutative Algebra	Atiyah, MacDonald	latest	Addison-Wesley
271	Modern Geometry - Methods and Applications	Dubrovin, Fomenko, Novikov	latest	Springer-Verlag
277	No text			