

TEXT-IN-USE
Summer 2007

COURSE: MAT 099
TITLE OF BOOK: Intermediate Algebra
PUBLISHER: Prentice Hall
PUBLISHER'S ADDRESS: One Lake Street, Upper Saddle River, NJ
07458
AUTHOR: K. Elayn Martin-Gay
EDITION: 2005- 4th Ed.
ISBN NUMBER: 0536289123
ADOPTED: Fall 2005
SUPPLEMENT: Includes MyMathLab

COURSE: MAT 101
TITLE OF BOOK: College Algebra
PUBLISHER: Addison Wesley
PUBLISHER'S ADDRESS: 75 Arlington St., Suite 300, Boston, MA
02116
AUTHOR: Beecher, Penna, and Bittinger
EDITION: Custom Package
ISBN NUMBER: 0-536-33978-3
ADOPTED: Fall 2004

COURSE: MAT 101E
TITLE OF BOOK: Explorations in Coll. Alg.: Discovering Alg. With
Data- based Applications
PUBLISHER: John Wiley and Sons
PUBLISHER'S ADDRESS: 605 Third Avenue, New York, NY 10158-
0012
AUTHOR: Linda Almgren Kime and Judy Clark
EDITION: 3rd Ed.
ISBN NUMBER: 0-4-7173495-0
ADOPTED: Spring 2005
SUPPLEMENT: Explorations Using TI 82 & 83 By Beverly Michael
(0-471-25498-3) and Egrade

COURSE: MAT 102 & 312
TITLE OF BOOK: Brief Applied Calculus
PUBLISHER: Houghton- Mifflin
PUBLISHER'S ADDRESS: 2075 Foxfield Road, St. Charles, IL 60174
AUTHOR: Berresford and Rockett
EDITION: 4th Ed.
ISBN NUMBER: 0-6-1860636-X
ADOPTED: Fall 2003
SUPPLEMENT: Student's Solutions Manual

COURSE: MAT 103
TITLE OF BOOK: Trigonometry
PUBLISHER: Brooks/ Cole
PUBLISHER'S ADDRESS: 7625 Empire Drive, Florence, KY 41042
AUTHOR: Charles P. McKeague
EDITION: 5th Ed.
ISBN NUMBER: 0-534-40392-1
ADOPTED: Spring 2005

COURSE: MAT 128
TITLE OF BOOK: Fundamentals of Pre-calculus
PUBLISHER: Addison- Wesley
AUTHOR: Mark Dugopolski
EDITION: 2004
ISBN NUMBER: 0-321-17410-0
ADOPTED: Fall 2005
SUPPLEMENT: MyMathLab Student Starter Kit

COURSE: MAT 136 & 137
TITLE OF BOOK: Technical Calculus with Analytic Geometry
PUBLISHER: Brooks/ Cole
PUBLISHER'S ADDRESS: 7625 Empire Drive, Florence, KY 41042
AUTHOR: Peter Kuhfittig
EDITION: 4th Ed.
ISBN NUMBER: 0-4-9501876-7
ADOPTED: Summer 1994

COURSE: MAT 167, 168 & 169
TITLE OF BOOK: Calculus
PUBLISHER: Addison Wesley
PUBLISHER'S ADDRESS: 75 Arlington St., Suite 300, Boston, MA 02116
AUTHOR: George B. Thomas, Jr., Maurice D. Weir, Joel R. Hass, & Frank R. Giordano
EDITION: 2005-11th Ed.
ISBN NUMBER: 0-321-18558-7
ADOPTED: Fall 2005

COURSE: MAT 280
TITLE OF BOOK: Calculus
PUBLISHER: Addison Wesley
PUBLISHER'S ADDRESS: 75 Arlington St., Suite 300, Boston, MA 02116
AUTHOR: George B. Thomas, Jr., Maurice D. Weir, Joel R. Hass, & Frank R. Giordano
EDITION: 2005-11th Ed.
ISBN NUMBER: 0-321-18558-7
ADOPTED: Spring 2007

COURSE: MAT 210, 309, & 310
TITLE OF BOOK: Mathematical Reasoning or Elementary Teachers
PUBLISHER: Addison Wesley
PUBLISHER'S ADDRESS: 75 Arlington St., Suite 300, Boston, MA
02116
AUTHOR: Long & Temple
EDITION: 4th Ed.
ISBN NUMBER: 0-321-2869-0
SUPPLEMENT: MyMathLab

COURSE: MAT 285, 415, & 515
TITLE OF BOOK: Elementary Differential Equations and Boundary
Value Problems
PUBLISHER: Wiley & Sons, Inc.
PUBLISHER'S ADDRESS: 605 Third Avenue, New York, NY 10158-
0012
AUTHOR: William E. Boyce & Richard C. DiPrima
EDITION: 2004 8th Ed.
ISBN NUMBER: 0-471-143338-1
ADOPTED: Fall 2004

COURSE: MAT 305
TITLE OF BOOK: Mathematical Computing- An Introduction to
Computing Using Maple
PUBLISHER: Springer- Verlag
PUBLISHER'S ADDRESS: 175 Fifth Avenue, New York, NY 10010
AUTHOR: David Betounes & Mylan Redfern
EDITION: 2001 1st Ed.
ISBN NUMBER: 0-387-95331-0
ADOPTED: Spring 2002

COURSE: MAT 314
TITLE OF BOOK: Calculus for the Managerial, Life, and Social Sciences
PUBLISHER: Brooks/ Cole
PUBLISHER'S ADDRESS: 10 Davis Drive, Belmont, CA 94002
AUTHOR: Soo T. Tan
EDITION: 7th Ed.
ISBN NUMBER: 0-534-41986-0
ADOPTED: Fall 2003

COURSE: MAT 316
TITLE OF BOOK: Matrix Methods
PUBLISHER: Academics Press
PUBLISHER'S ADDRESS: 1250 Sixth Ave, San Diego, CA 92101
AUTHOR: Bronson
EDITION: 1991- 2nd Ed.
ISBN NUMBER: 0-12-135250-1
ADOPTED: Summer 1991

COURSE: MAT 320 & 420
TITLE OF BOOK: Probability and Statistical Inference
PUBLISHER: MacMillian Publishing Company
PUBLISHER'S ADDRESS: 866 Third Avenue, New York, NY 10022
AUTHOR: Robert V. Hogg and Elliot A. Tanis
EDITION: 2001-7th Ed.
ISBN NUMBER: 0-13-146413-2
ADOPTED: Fall 2002

COURSE: MAT 326
TITLE OF BOOK: Elementary Linear Algebra
PUBLISHER: Wiley & Sons, Inc.
PUBLISHER'S ADDRESS: 605 Third Avenue, New York, NY 10158-0012
AUTHOR: Howard Anton
EDITION: 9th Ed.
ISBN NUMBER: 0-4-7166959-8
ADOPTED: Spring 2005

COURSE: MAT 340
TITLE OF BOOK: Discrete Mathematics with Applications
PUBLISHER: PWS Publishing Co.
PUBLISHER'S ADDRESS: 20 Park Plaza, Boston, MA 02116
AUTHOR: Susana S. Epp
EDITION: 3rd Ed.
ISBN NUMBER: 0-534-35945-0
ADOPTED: Spring 1997

COURSE: MAT 370
TITLE OF BOOK: Dr. Contreras will use his own notes.

COURSE: MAT 410/510
TITLE OF BOOK: Navigating through Algebra in Grades 6-8
PUBLISHER: The National Council of Teachers of Mathematics, Inc.
PUBLISHER'S ADDRESS: 1906 Association Drive, Reston, VA 20191-1502
AUTHOR: Susan Friel, Sid Rachlin, Dot Dole, Claire Nygard, David Rigalee, and Mark Ellis
EDITION: 2001-1st Ed.
ISBN NUMBER: 0-02-477960-1
ADOPTED: Spring 2004

COURSE: MAT 417/517
TITLE OF BOOK: Partial Differential Equations for Scientists and Engineers
PUBLISHER: Dover
PUBLISHER'S ADDRESS: 31 East 2nd St., Mineola, NY 11501
AUTHOR: Stanley J. Farlow
EDITION: 1193- Reprint Ed.
ISBN NUMBER: 0-486-67620-X
ADOPTED: Spring 2005

COURSE: MAT 418/518
TITLE OF BOOK: Linear Programming
PUBLISHER: Harcourt-Barace-Jovanovich
PUBLISHER'S ADDRESS: 7555 Caldwell Avenue Niles, IL 60648
AUTHOR: James Calvert and William Voxman
EDITION: 1989- 1st Ed.
ISBN NUMBER: 0-15-551027-4
ADOPTED: Fall 1996

COURSE: MAT 419/519
TITLE OF BOOK: The Mathematics of Nonlinear Programming
PUBLISHER: Springer- Verlag
PUBLISHER'S ADDRESS: 175 Fifth Avenue, New York, NY 10010
AUTHOR: Anthony L. Peresoini, et al.
EDITION: 1988-1st Ed.
ISBN NUMBER: 0-38-796614-5
ADOPTED: Spring 2004

COURSE: MAT 423/523
TITLE OF BOOK: A First Course in Abstract Algebra: Rings, Groups, and Fields
PUBLISHER: Chapman & Hall/CRC (Taylor & Francis Group)
AUTHOR: Marlow Anderson & Todd Feil
EDITION: 2005 2nd Ed.
ISBN NUMBER: 1-58488-515-7
ADOPTED: Spring 2007

COURSE: MAT 424/524
TITLE OF BOOK: Contemporary Abstract Algebra
PUBLISHER: Houghton- Mifflin
PUBLISHER'S ADDRESS: 2075 Foxfield Road, St. Charles, IL 60174
AUTHOR: Joseph A. Gallian
EDITION: 2002- 5th Ed.
ISBN NUMBER: 0-618-122141
ADOPTED: Fall 2002

COURSE: MAT 426
TITLE OF BOOK: Matrix Analysis and Applied Linear Algebra
PUBLISHER: SIAM
PUBLISHER'S ADDRESS: 3600 University City Science Center,
Philadelphia, PA 19104-2688
AUTHOR: Carl D. Meyer
EDITION: 2000- 1st Ed.
ISBN NUMBER: 089871-454-0
ADOPTED: Fall 2005

COURSE: MAT 430 & 431
TITLE OF BOOK: Advanced Engineering Mathematics
PUBLISHER: PWS-Kent Publishing Company
PUBLISHER'S ADDRESS: 20 Park Plaza, Boston, MA 02116
AUTHOR: Peter V. O'Neil
EDITION: 1995 4th Ed.
ISBN NUMBER: 0-534-94320-9
ADOPTED: Fall 1996

COURSE: MAT 436/536
TITLE OF BOOK: Complex Analysis and Applications
PUBLISHER: McGraw-Hill
PUBLISHER'S ADDRESS:
AUTHOR: Brown and Churchill
EDITION: 2004 7th Ed.
ISBN NUMBER: 0-07-287252-7
ADOPTED: Spring 2004

COURSE: MAT 437/537
TITLE OF BOOK: Graphs & Digraphs
PUBLISHER: Chapman and Hall
PUBLISHER'S ADDRESS: 115 5th Avenue, New York, NY 10003
AUTHOR: Gary Chartrand and Linda Lesniak
EDITION: 2004 4th Ed.
ISBN NUMBER: 1584883901
ADOPTED: Fall 2006

COURSE: MAT 439/539
TITLE OF BOOK: Applied Combinatorics
PUBLISHER: John Wiley & Sons, Inc.
PUBLISHER'S ADDRESS: 605 Third Avenue, New York, NY 10158
AUTHOR: Alan Tucker
EDITION: 2001- 5th Ed.
ISBN NUMBER: 0471735078
ADOPTED: Spring 2005

COURSE: MAT 441/541
TITLE OF BOOK: Introduction to Real Analysis
PUBLISHER: John Wiley & Sons
PUBLISHER'S ADDRESS: 605 Third Ave, New York, NY 10158-0012
AUTHOR: Robert G. Bartle and Donald R. Sherbert
EDITION: 1999- 3rd Ed.
ISBN NUMBER: 0-471-32148-6
ADOPTED: Fall 2005

COURSE: MAT 457
TITLE OF BOOK: The Teaching of Mathematics in the 21st Century
PUBLISHER: Prentice-Hall
PUBLISHER'S ADDRESS: One Lake Street, Upper Saddle River, NJ
07458
AUTHOR: Linda Huetinch & Sara N. Munshin
EDITION: 2000- 2nd Ed.
ISBN NUMBER: 0-13-048833-x
ADOPTED: Fall 2000
SUPPLEMENT: Middle School Mathematics, Regency, Sims and Sims,
2003-2nd ed., 0-970-36505-0-9; Fall 2003

COURSE: MAT 460/560 & 461/561
TITLE OF BOOK: Numerical Analysis
PUBLISHER: Brooks/ Cole
PUBLISHER'S ADDRESS: 511 Forest Lodge Road, Pacific Grove, CA
93950
AUTHOR: Burden and Faires
EDITION: 2001- 7th Ed.
ISBN NUMBER: 0-534-3816-9
ADOPTED: Fall 2003

COURSE: MAT 472/572
TITLE OF BOOK: Dr. Sungwook Lee used his own notes during summer
2005

COURSE: MAT 475/575
TITLE OF BOOK: Basic Topology
PUBLISHER: Springer-Verlag
PUBLISHER'S ADDRESS: 175 Fifth Ave, New York, NY 10010
AUTHOR: M. A. Armstrong
EDITION: 1997- 1st Ed.
ISBN NUMBER: 0-387-90839-0
ADOPTED: Summer 2003

COURSE: MAT 481/581
TITLE OF BOOK: Math Through the Ages: A Gentle History for Teachers and Others
PUBLISHER: A joint publication of Oxton House Publishers and The Mathematical Association of America
AUTHOR: William P. Berlinghoff and Fernando Q. Gouvea
EDITION: 2004- 1st Ed.
ISBN NUMBER: 0-88385-736-7
ADOPTED: Spring 2007

AND

Additional text for MAT 481/581
TITLE OF BOOK: Mathematics: The Loss of Certainty
PUBLISHER: Oxford University Press
PUBLISHER'S ADDRESS:
AUTHOR: Morris Kline
EDITION: 1980- 1st Ed.
ISBN NUMBER: 0-19-502754-X
ADOPTED: Spring 2007

COURSE: MAT 485
TITLE OF BOOK: Mathematical Modeling for Industry and Engineering
PUBLISHER: Prentice-Hall
PUBLISHER'S ADDRESS: One Lake Street, Upper Saddle River, NJ 07458
AUTHOR: K. M. Heal, M. L. Hansen, K.M. Richard
EDITION: 1998-1st Ed.
ISBN NUMBER: 0-13-260894-4
ADOPTED: Summer 2000

COURSE: MAT 588
TITLE OF BOOK: Mathematics Problem Solving through Recreational Mathematics
PUBLISHER: Freeman
PUBLISHER'S ADDRESS: N. Y., NY
AUTHOR: Overbach & Chein
EDITION: 1980 1st Ed.
ISBN NUMBER: 0-7167-1124-9
ADOPTED: Summer 1995

COURSE: MAT 589
TITLE OF BOOK: The Mathematical Methods: A Transition to Advanced Mathematics
PUBLISHER: Prentice-Hall
PUBLISHER'S ADDRESS: 200 Old Tappan Road, Old Tappan, NJ 07675
AUTHOR: Murray Eisenberg
EDITION: 1996- 1st Ed.
ISBN NUMBER: 0-13-127002-8
ADOPTED: Summer 1996

COURSE: MAT 601
TITLE OF BOOK: A Course in Differential Geometry
PUBLISHER: Springer- Verlag
PUBLISHER'S ADDRESS: 175 Fifth Ave, New York, NY 10010
AUTHOR: Wilhelm Klingenberg
EDITION: 1978 1st Ed.
ISBN NUMBER: 0-387-90255-4
ADOPTED:?

COURSE: MAT 603
TITLE OF BOOK: Basic Algebra I
PUBLISHER: W. H. Freeman & Co.
PUBLISHER'S ADDRESS: 41 Madison Ave, New York, NY 10003
AUTHOR: Jacobson
EDITION: 1978
ISBN NUMBER: 0-7167-0453-6
ADOPTED: 1985-86

COURSE: MAT 605
TITLE OF BOOK: Differential Equations Theory and Applications with Maple
PUBLISHER: Springer-Verlag
PUBLISHER'S ADDRESS: 175 Fifth Ave, New York, NY 10010
AUTHOR: David Betounes
EDITION: 2001-1st Ed.
ISBN NUMBER: 0-387-95140-7
ADOPTED: Fall 2002

COURSE: MAT 606
TITLE OF BOOK: Partial Differential Equations for Computational Science
PUBLISHER: Springer- Verlag
PUBLISHER'S ADDRESS: 175 Fifth Ave, New York, NY 10010
AUTHOR: David Betounes
EDITION: 1998 1st Ed.
ISBN NUMBER: 0-387-98300-7
ADOPTED: Spring 1999

COURSE: MAT 610
TITLE OF BOOK: Fundamental of Matrix Computations
PUBLISHER: John Wiley & Sons
PUBLISHER'S ADDRESS: 605 Third Ave, New York, NY 10158-0012
AUTHOR: David Watkins
EDITION: 1991- 2nd Ed.
ISBN NUMBER: 0-471-21394-2
ADOPTED: Spring 1994

COURSE: MAT 629
TITLE OF BOOK: Applied Combinatorics
PUBLISHER: Prentice-Hall, Inc.
PUBLISHER'S ADDRESS: 200 Old Tappan Rd., Old Tappan, NJ 07675
AUTHOR: Fred S Roberts
EDITION: 1984 – 1st Ed.
ISBN NUMBER: 0-13-039313-4
ADOPTED: April 29, 1987

COURSE: MAT 636
TITLE OF BOOK: Fundamentals of Complex Variables with Applications to Science, Engineering, and Mathematics
PUBLISHER: Prentice-Hall, Inc.
PUBLISHER'S ADDRESS: 200 Old Tappan Rd., Old Tappan, NJ 07675
AUTHOR: Edward B. Staff and Arthur David Schneider
EDITION: 2003- 3rd Ed.
ISBN NUMBER: 0-13-907874-6
ADOPTED: Spring 2005

COURSE: MAT 641/642
TITLE OF BOOK: A Primer of Lebesgue Intergration
PUBLISHER: Academic Press
PUBLISHER'S ADDRESS: 525 B St., Suite 900, San Diego, CA 92101-4495
AUTHOR: H.S. Bear
EDITION: 2001- 2nd Ed.
ISBN NUMBER: 0-120-83971-7
ADOPTED: Fall 1996

COURSE: MAT 681
TITLE OF BOOK: Dr. Ding will use his notes

COURSE: MAT 682
TITLE OF BOOK: Introduction to Hilbert Space
PUBLISHER: Chelsea Publishing Company
PUBLISHER'S ADDRESS: 10 Water Street Rm #310, Lebanon, NH
03766
AUTHOR: Sterling K. Berberian
EDITION: 1991-1st Ed.
ISBN NUMBER: 0-8284-0287-6
ADOPTED: Fall 1997

COURSE: MAT 683
TITLE OF BOOK: Geometry from a Differentiable Viewpoint
PUBLISHER: Cambridge University Press
PUBLISHER'S ADDRESS: 110 Midland Ave, Port Chester, NY 10573-
9864
AUTHOR: John McCleary
EDITION: 1994
ISBN NUMBER: 0-521-42480-1
ADOPTED: Summer 1998

COURSE: MAT 684
TITLE OF BOOK: Difference Equations from Rabbits to Chaos
PUBLISHER: Springer- Verlag
PUBLISHER'S ADDRESS: 175 Fifth Ave, New York, NY 10010
AUTHOR: Cull, Paul; Flahive, Mary; Robson, Robby
EDITION: 2005 1st Ed.
ISBN NUMBER: 978-0-387-23234-8
ADOPTED: Summer 2007

COURSE: MAT 685
TITLE OF BOOK: Numerical Analysis and Graphic visualization with
MATLAB
PUBLISHER: Prentice- Hall
PUBLISHER'S ADDRESS: 3341 Dunning Drive, Pace, FL 32571
AUTHOR: Shoichiro Nakamura
EDITION: 2002-2nd Ed.
ISBN NUMBER: 0-13-065489-2
ADOPTED: Summer 2002

COURSE: MAT 689
TITLE OF BOOK: Dr. Kolibal will be using his own notes.

COURSE: MAT 721
TITLE OF BOOK: Dr. Kolibal used his own notes during fall 2004

COURSE: MAT 771
TITLE OF BOOK: Applications of Functional Analysis and Operator
Theory
PUBLISHER: Elsevier Science
PUBLISHER'S ADDRESS: ?
AUTHOR: V. Hutson, J.S. Pym, & M. Cloud
EDITION: 2nd ed. , 2005
ISBN NUMBER: 0444517901
ADOPTED: Fall 2005

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