

Textbooks for Washington & Jefferson College Mathematics Department July 2009
ssmith@washjeff.edu Susan Smith---Bookstore for questions or issues.

Fall 2009 Listing

New Textbooks or editions are denoted in MTH boldface. Please note updated information.

| <u>Course</u> | <u>Author</u> | <u>Title</u> | <u>ISBN</u> | <u>Publisher</u> |
|---------------------------------------|--------------------------|--|-------------------|-----------------------|
| FYS 199-H F09 | Zeitz, Paul | The Art & Craft of Problem Solving 2 nd | 9780471789017 | Wiley |
| MTH 101 Fall 07 | Angel, Allen | Intermediate Algebra 7 th | 0-13-238357-8 | Pearson/Prentice Hall |
| MTH 115-R | Wong | Notes of Interest | | W&J Copier |
| MTH 111 | Stewart | Precalculus 5th | 0-0534492770 | Brooks/Cole |
| MTH 117 | COMAP | For All Practical Purposes 6 th | 0716747839 | Freeman |
| MTH 123/124 F 08 | Long & DeTemple | Math'l Reasoning for Elem. Teachers 5 th | 9780321460844 | Pearson |
| MTH 131 Fall 08 | Tan | Calc. for the Soc. Sciences 8 th | 978-049538754-1 | Brooks/Cole |
| MTH 151 Fall 09 | Larson & Edwards | Single Variable Calculus 9 th | 9780547209982 | Brooks Cole |
| MTH 151 Fall 09 | Larson & Edwards | Student Solutions Manual Vol I | 978-054-7213095 | Brooks Cole |
| MTH 152 Spring 10s | Larson & Edwards | Student Solutions Manual Vol II | 978-054-7213101 | Brooks Cole |
| MTH 152 6 th ed Fall 07 | Stewart | Calculus 6 th | 0-534-39339-x | Brooks/Cole |
| MTH 151/152 | Anderson Cole Drucker | Stud. Sol. Man. 6 th Single Variable Solutions | | Brooks/Cole |
| MTH 201 | intersession 06 | no text...just notes/handouts | | |
| MTH 208 | Stewart | Calculus 6 th | 0-534-39339-x | Brooks/Cole |
| MTH 208-M | Clegg & Frank | Stud. Solution Manual 6 th | 049501228-9 | Brooks/Cole |
| MTH 208 Fall 2010 | Larson & Edwards | Multivariable Calculus 9 th | 9780547209975 | Brooks Cole |
| MTH 211-D F-08-09 | Fletcher & Patty | Foundations of Higher Math 3 rd | 978-0-534-95166-5 | PWS-Kent |
| MTH 217-R Fall 09 | Williams, Gareth | Linear Alg \overline{C} Applications 6 th | 978-0-7637-4631-5 | Jones & Bartlett Pub |

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| MTH 225 F-08 | Brase & Brase | Understandable Statistics 9 th | 9780547154770 | Houghton Mifflin |
| MTH 233-H Int 09 | Mittlebach & Goosens | The LaTeX Companion 2 nd | 0201362996 | Addison Wesley |
| MTH 301 F08 | Reynolds Berlinghoff | College Geom Using GSP Math Through the Ages | 1-931914-54-0 0-88385-736-7 | Key College Press MAA |
| MTH 305 | Freund Miller & Miller | Math'l Statistics with Apps 7 th | 9780131427068 | Pearson Education Inc |
| MTH 308-R Sp 09-F09 | Edwards & Penny | Elem. Differential Eqns 6 th | 978-0-1323-9730-8 | Pearson Prentice Hall |
| MTH 311-W Sp 09 | Burton | Number Theory 6 th | 978-0-07-305188-8 | McGraw-Hill |
| MTH 317-K Sp 08 | Mathews, J. & Howell, Russell | Complex Analysis 5 th | 978-0-7637-3748-1 | Jones & Bartlett, Sudbury |
| MTH 320-K | no text for Fall 09 | | | |
| MTH 361 Fall 09 | Marcus, Daniel | Combinatorics: A Problem Oriented Approach | 978-0-8838-57106 | Math Assoc. of America |
| MTH 390 Doherty Sp09 | Gross & Yellen | Graph Theory & its Apps 2 nd | 158488505x | CRC Publishing |
| MTH 412-H Fall 07,09 | Fraleigh | A First Course in A. Algebra 7 th | 0-201-76390-7 | Addison Wesley |
| MTH 415-K F-08 | Abbott | Understanding Analysis 1 st | 978-0-3879-50600 | Springer Verlag |
| MTH 420 Fall 09 | Honsberger, Ross | Ingenuity in Mathematics | 978-0-8838-56239 | MAA |

Former Textbooks:

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|--------------------------|-------------------------------|--|---------------|---------------------------|
| MTH 101 '06 | Hirsch/Goodman | Intermediate Algebra 6 th | 0-534-417957 | Brooks/Cole |
| MTH 101 '04 | Miller/O'Neill | Intermediate Algebra 1 st | 007236372x | McGraw Hill |
| MTH 115-W Fall 07 | COMAP | For All Practical Purposes 7 th | 0-7167-6901-8 | W.H. Freeman |
| MTH 115-W Fall 06 | Bluman | Mathematics in Our World | 0-07-245107-6 | McGraw Hill |
| MTH 115-W Int 06 | Neuwirth Arganbright | Math. Modeling with Excel | 0-534-42085-0 | Brooks/Cole |
| MTH 123/124 | Billstein, Libeskind, Lott | Mathematics for Elem. School Teachers 9 th | 0-321-33179-6 | Pearson Addison Wesley |
| MTH 123/124 2003-2005 | Long & DeTemple | Math'l Reasoning for Elem. Teachers 3 rd | 0-201-78569-2 | Addison/Wesley |

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| MTH 123-G 2002 | Musser | Math Elem. Teachers | | |
| MTH 131 Sum 08 done | Tan | Calc. for the Soc. Sciences 7 th | 978049538430-4 | Brooks/Cole |
| MTH 131-L Int 06 last time | Tan for 6 th edition | Calc. for the Soc. Sciences 6 th | 0534394116 | Brooks/Cole |
| MTH 151/52 6 th ed sum 07 | Stewart | Calculus 5 th | 0-534-39339-x | Brooks/Cole |
| MTH 151/152 | Anderson Cole Drucker | Stud. Sol. Man. 5 th Single Variable Solutions | 0-534-39369-1 | Brooks/Cole |
| MTH 211-K (fall 06) | Smith, Eggen & St. Andre | A Transition to Advanced Mathematics | 0-534-39900-2 | Brooks/Cole |
| MTH 211-W | Dunham Velleman | The Math'l Universe How To Prove It | 0-471-17661-3 0-521-44663-5 | Wiley Cambridge |
| MTH 211-W | Dunham Solow | Journey Thru Genius How to Read & do Proofs | 014014739x 0471680583 | Penguin Wiley |
| MTH 211-K | Schumacher | Chapter Zero 2 nd | 0-201-43724-4 | Addison Wesley |
| MTH 211-K f-07 | Velleman, Dan | How to Prove It: A Structured Approach | 0-521-67599-5 | Cambridge U. Press |
| MTH 217-Z | Anton/Rorres | El Lin Alg \bar{C} Aps 8 th | 0471170526 | Wiley |
| MTH 217 Wong Sp08 | Williams, Gareth | Lin. Algebra \bar{C} Aps 6 th With student Sols Manual | 0763756296 | Jones & Bartlett |
| MTH 217-M Morrow Sp07 | Anton/Rorres | Elem. Lin. Algebra (Aps) 9 th | 0-471-66959-8 | Wiley |
| MTH 217-W | Kolman/Hill | El. Linear Algebra 8 th | 0-13-045787-6 | Prentice Hall |
| MTH 217-W | Edwards & Penny | Elem. Linear Algebra 1 st | 0-13-258260-0 | Pearson Prentice Hall |
| MTH 217-W Used sp 05 | Williams, Gareth | Linear Algebra with Aps | 0-7637-3235-4 | Jones & Bartlett |
| MTH 217 Zim Sp09 | Anton/Rorres | Elem. Lin. Algebra \bar{C} Aps 9 th | 978-0-471-66959-3 | Wiley |
| MTH 225 | Bluman | Elem. Stats 6 th | 0-07-304825-3 | McGraw Hill |
| MTH 301 F06 | Struik Stahl | A Concise HOM 4 th Geom from Euclid to Knotts | 0-486-60255-9 0-13-032927-4 | Dover Prentice Hall |
| MTH 305 F04 | Miller/Miller | Freund's Math'l Stats with Aps 7 th edition | 0-13-142706-7 | Pearson Ed. Inc |

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| MTH 308-Z Fall 07 | Edwards & Penny | Elem. Differential Eqns 5 th | 0-13-145773-x | Pearson Prentice Hall |
| MTH 308-R Spr 06 | Edwards & Penny | Elem. Differential Eqns. 5 th | 0-13-145773-x | Pearson/Prentice Hall |
| MTH 317-K Sp 06 | Marsden & Hoffman | Basic Complex Analysis, 3 rd Solution Manual | 0-7167-2877-x 0-7167-3246-7 | W.H. Freeman W.H. Freeman |
| MTH 320-W Sp 09 | Sierpinski, W. | Pythagorean Triangles | 0-486-43278-5 | Dover |
| MTH 320-W Fall 07 | Maor, Eli | Trigonometric Delights | 0-691-09541-8 | Princeton Univ. Press |
| MTH 320 | Halmos | Problems for Mathematicians | 0-88385-320-5 | MAA |
| MTH 361 | Cohen, Daniel | Basic Techniques of Combinatorial Theory | 0-471-03535-1 | Wiley (out of print) |
| MTH 390-M Spring 2005 | Dudley | Elem. Number Theory 2 nd | 071670076X | W H Freeman & Co |
| MTH 390-H Sp 08 | Crossley, M. | Essential Topology 1 st | 1-85233-782-6 | Springer Verlag |
| MTH 390 Doherty Sp09 | West, Douglas not adopted | Intro. To Graph Theory 2 nd | 0-13-014400-2 | Prentice Hall |
| MTH 412-W Fall 2005 | Lauritzen | Concrete Abstract Algebra | 0-521-534100 | Cambridge |
| MTH 412-M Fall 03 | Frleigh | Abstract Algebra | 020133596-4 | Addison/Wesley & BC |
| MTH 415-M | Kirkwood, J. | Intro. to Analysis 2 nd | 1-57766-232-6 | Waveland Press |
| MTH 320/420 Woltermann selections | Mosteller | 50 Challenging Probs in Prob. | 0-486-65355 | Dover |