

Fall 2009 Book List - Mathematics

| Course | Author | Title | ISBN | Edition | Publisher | Required Y/N |
|--------|------------|---|---------------|-------------|---------------------|--------------|
| 101 | Martin Gay | Intermediate algebra with My Math Lab and getting started CD access code 536232253 -E Book available online | | 2009 5th ed | Pearson | Yes |
| 103 | Sisson | College Algebra Book only no software needed - buy a used book OK) | 9781932628272 | 2008 | Hawkes | Yes |
| 104 | Sullivan | Trigonometry A unit circle approach (Book only - no software needed - buy a used book OK) | | 2008 | Pearson | Yes |
| 131 | Haas | University calculus (no book for lab) | 321409310 | 2007 | Addison Wesley | Yes |
| 132 | Hass | University calculus | 321409310 | 2007 | Addison Wesley | Yes |
| 221 | Rosen | Discrete Mathematics and its applications | 73229725 | 2007 6th | McGraw Hill | Yes |
| 231 | Hass | University calculus | 321409310 | 2007 | Addison Wesley | Yes |
| 254 | Lay | Linear Algebra and its applications | 9780321287137 | 3rd 2006 | Pearson | Yes |
| 283 | Moore | Intro to the Practice of Statistics (no book for lab) | 9781428216227 | 6th 2009 | VHPS/ Freeman | Yes |
| 332 | davis | Intro to Vector Analysis | 697160998 | 7th 1995 | hawkes | yes |
| 335 | Boyce | Elementary Differential Equations (no book for lab) | 047143339x | 9th | Wiley | Yes |
| 335 | Tenenbaum | Ordinary differential equations | 486649407 | | Dover | Yes |
| 372 | bartle | Intro to real analysis | | 3 | Wiley | Yes |
| 382 | Scheaffer | Intro to Probability and its applications | 534237908 | 2 1995 | cengage/ duxbury | yes |

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|-----|-----------|--|----------------------------|----------|------------------|-------------|
| 410 | Cheney | Numerical mathematics and computing | 9780495114758 | 6th 2009 | brooks cole | yes |
| 415 | Chvatal | Linear Programming | | | MPS Freeman | Yes |
| 430 | Giodano | First course in mathematical modeling | 495011590 | 4th 08 | brooks cole | Yes |
| 435 | Marsden | Basic Complex Analysis | | 1999 | Freeman | Yes |
| 455 | Beachy | Abstract Algebra | 1577664434 | 2006 | Waveland | Yes |
| 483 | Hogg | Intro to Math Statistics | 130085073 | 6th | Pearson | Yes |
| 437 | Stone | Ordinary Differential Equations: Discrete Model | 9781934188743 | 1st | Linus | Yes |
| 336 | Brown | Fourier Series & Boundary Value Problems | 9780073051932 | 7 2008 | McGraw Hill | Yes |
| 501 | Higham | Handbook of writing for the mathematical sciences | 898714206 | 2 | SIAM | Yes |
| 501 | Kopka | Guide to Lawtex | 321173856 | 4 | Addison | Recommended |
| 513 | Zimmerman | Multiphysics Modelling with Finite element Methods | 9789812568434 | | World Scientific | Yes |
| 533 | Gill | Atomosphere-Ocean Dymanics | | | Academic Press | No |
| 577 | kreyszig | Introductory Functional Analysis with application | 471504599 | 1 | wiley | yes |
| 581 | murasugi | Knot theory and its applications | 081764718x hardcover | | birkhauser | yes |
| 581 | murasugi | Knot theory and its applications | 9780817647186 paperback | | birkhauser | yes |
| 588 | Ramsey | The statistical sleuth | | 2 | duxbury | yes |

Although the department was requested these books, it is not guaranteed to be 100% correct due to editions requested not being available.