

# MATHEMATICAL SCIENCES

Spring 2012

## **MATH 1306**

Mathematical Ideas, Charles D. Miller, Vern E. Heeren and John Hornsby, 12e, ISBN: 978-0-321-69381-5, RQ  
Student Solutions Manual, ISBN: 978-0-321-69384-6, RC

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College Algebra w/Stud. Soln. Man., Goodman/Hirsch, Cengage, ISBN: 978-0-5-3406542-3, RQ

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Trigonometry, John Coburn, 2e, McGraw Hill, ISBN: 978-0-07-734997-4, RQ  
Trigonometry Student Solutions Manual, John Coburn, ISBN: 978-0-07-, RC

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Calculus w/Applications, Margaret Lial, 10th ed., Pearson, ISBN: 978-0-3-2174900-0, RQ  
Calc w/Appl. Student Solutions Manual, Margaret Lial, 10th ed., Pearson, ISBN: 9780321757906, RC

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Applied Calculus for the Managerial, Life, and Social Sciences, Soo Tan, 8E, Cengage, ISBN: 1133436676, RQ

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Precalculus, Ron Larson, 8th ed., Brooks Cole, Print version ISBN: 1111476209, RQ

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[http://www.cengage.com/custom/UT\\_D/index.html](http://www.cengage.com/custom/UT_D/index.html).

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Linear Algebra with Applications, bundle with SSM, 7<sup>th</sup> edition, Gareth Williams, ISBN: 978-1-44966-171-7, RQ

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Calculus: Early Transcendentals, James Stewart, 7th ed., Brooks Cole, ISBN: 978-0-538-49709-9, RQ  
SSM Single Variable: Early Transcendentals, 7<sup>th</sup> ed., Daniel Anderson, Jeffery Cole, Cengage, ISBN:978-0-8400-4934-x, text or e-book required.

**E-book: ISBN: 1133443664**

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## **MATH 2415**

Calculus: Early Transcendentals, James Stewart, 7E, Brooks Cole, ISBN: 0495964395, text or e-book required.  
Multivariable Calculus: Early Transcendentals, 7<sup>th</sup> ed., Dan Clegg, Brooks Cole, ISBN: 978-0-8400-4945-5, RC

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[http://www.cengage.com/custom/UT\\_D/index.html](http://www.cengage.com/custom/UT_D/index.html).

**MATH 2417**

Calculus w/soln vol 1 + 2, Ron Larson, 9<sup>th</sup> ed, Houghton Mifflin, 0-495786845, RQ

**MATH 2418**

Elementary Linear Algebra, Howard Anton, 10<sup>th</sup> ed., Wiley, 978-0-4-70-45821-1, RQ  
Elem. Linear Alg. Stud. Soln. Man., Howard Anton, 9<sup>th</sup> ed., Wiley, ISBN: 978-0-4-7045822-8, RQ

**MATH 2419**

Calculus w/soln vol 1 + 2, Ron Larson, 9<sup>th</sup> ed, Houghton Mifflin, 0-495786845, RQ

**MATH 2420**

Elem.Diff. Equ. & Bound. Value Prob., Boyce/DiPrima, 9<sup>th</sup> ed, Wiley, 978-0-4-7038334-6, RQ  
Elem. Diff. Equ. & Bound. Value Prob. SSM, Charles Haines, 9<sup>th</sup> ed., Wiley, 978-0-4-7143340-8, RC

**MATH 2451**

Vector Calculus, Marsden/Tromba, 5<sup>th</sup> ed., Freeman, 978-0-7-1674992-9, RQ  
Vector Calculus Std. Gde./Soln. Man., Pao/Soon, 5<sup>th</sup> ed., Freeman, 978-0-7-1670528-4, RC

**MATH 3303**

TEXT NOT REQUIRED FOR COURSE

**MATH 3310**

Analysis with an Introduction to Proof, Steven Lay, 4<sup>th</sup> ed., Pearson, ISBN:978-0-1-3148101-5, RQ

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A First Course in Abstract Algebra, John Fraleigh, 7<sup>th</sup> ed., Pearson, ISBN: 978-0-20176390-4, RQ

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A First Course In Abstract Algebra, Fraleigh, 7<sup>th</sup> ed., Pearson, ISBN:978-0-20176390-4, RQ

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Complex Variables and Applications , Brown/Churchill , 8<sup>th</sup> ed., McGraw Hill , ISBN:978-0-07-305194-9, RQ

**MATH 4301**

TEXT NOT REQUIRED FOR COURSE

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Numerical Methods Using Matlab, John Mathews, 4<sup>th</sup> ed., Pearson ISBN: 978-0-13-065248-5 , RQ

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Partial Differential Equations and Boundary-Value Problems with Applications, Mark Pinsky's, 3<sup>rd</sup> edition, ISBN: 978-0-8218-6889-8, RQ

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An Introduction to Analysis, Wade, 4<sup>th</sup> ed., Pearson, 9780-0-1-3229638-0, RQ

**MATH 5304**

Calculus w/Applications, Margaret Lial, 10<sup>th</sup> ed., Pearson, ISBN: 978-0-3-2174900-0, RQ  
Calc w/App. Student Solutions Manual, Margaret Lial, 10<sup>th</sup> ed., Pearson, ISBN: 9780321757906, RQ

**MATH 6302**

Introductory Real Analysis, A.N. Kolmogorov /S.V. Fomin, Revised English Edition, Translated and Edited by Richard Silverman, Dover Publications, ISBN: 978-0-48661226-3, RQ

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Complex Analysis, Lars Ahlfors, 3E, McGraw Hill, ISBN: 978-0070006577, RQ

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Mathematical Models in Biology, Leah Edelstein-Keshet, SIAM, ISBN: 0-89871-554-7, RQ

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Algebraic Topology, A. Hatcher, ISBN: 0-521-79540-0

<http://www.math.cornell.edu/~hatcher/AT/ATpage.html>

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Basic Practice of Statistics Study Guide, David Moore, 5th ed., Freeman, 978-01-4292-2783-4, RC

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Statistics, Freedman/Pisani, 4<sup>th</sup> ed., W. W. Norton, ISBN: 9780393929720, RQ

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Introduction to Statistics and Data Analysis, Rozy Peck, 3<sup>rd</sup> ed., ISBN: 978-0-49546932-2, RQ

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Statistics for Management & Economics, Gerald Keller, 8<sup>th</sup> abbrev., Thomson, 978-0-3-2459427-0, RQ

Statistics for Mgmt & Economics Stu Soln Man, Gerald Keller, 8<sup>th</sup> abbrev., Thomson, 978-0-3-2456953-7, RC

**STAT 4352**

John E. Freund's Mathematical Statistics, Miller, 7<sup>th</sup> ed., Pearson, ISBN: 978-0-1-3142706-8, RQ

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Applied Linear Statistical Models, Kutner/Neter, 5<sup>th</sup> ed., McGraw Hill, ISBN:978-0073108742, RQ

SAS & SPSS Program Solutions for use w/Applied Linear Statistical Models, Johnson/Replogle, RC

**STAT 6341**

TEXT NOT REQUIRED FOR COURSE

**STAT 6344**

Probability, A. N. Shiriyayev, 2<sup>nd</sup> ed., Springer Verlag, ISBN: 978-038794549, RQ1

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Nonparametric Regression and Spline Smoothing, 2e, Randall Eubank, ISBN: 978-0-082479337-1, RQ  
Kernel Smoothing, M.P. Wand, ISBN: 978-0-41255270-0, RC

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Probability & Statistics w/Reliability, Queuing & CS Appl., Trivedi, 2nd.ed., Wiley, 0-471-33341-7, RQ  
Probability & Statistics for Computer Scientists, M. Baron, Chapman & Hall, ISBN:1584886412, RC

**ACTS 4301**

ASM Study Manual for exam MLC, 11<sup>th</sup> Edition  
Abraham Weishaus, Ph.D., FSA, CFA, MAAA

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