Department of Mathematical and Statistical Sciences, University of Colorado Denver
Fall 2026 Textbook Information - Version: 4/14/2026

This information is unofficial and provided by the Department on a "best effort" basis. The instructor/syllabus is the ultimate authority.

COURSE #	TITLE	RESOURCE	Author	Edition	ISBN	REQUIRED OR OPTIONAL?	OER or low cost material (less than $20)?	Required Purchase of Online Homework System?	Notes
1010	Math For Liberal Arts	Using & Understanding Mathematics: A Quantitative Reasoning Approach "Books a la carte edition plus mylab math -- access card package"	Bennett and Briggs	8th	9780137575183	Hard copy optional, MyLab required (etext inculded)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1011	Math Liberal Arts Workshop	N/A							
1060	Finite Mathematics	Finite Mathematics for Business, Economics, Life Sciences, and Social Sciences "books a la carte and mylab math with pearson etext -- title-specific access card package"	Barnett, Ziegler, Byleen and Stocker	14th	9780134862576	Hard copy optional, MyLab required (etext inculded)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1108	Stretch College Algebra - I	Algebra and Trigonometry Enhanced with Graphing Utilities MyLab Access	Sullivan & Sullivan	9th	9780135812846	Hard copy optional, MyLab required (etext inculded)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1109	Stretch College Algebra - II	Algebra and Trigonometry Enhanced with Graphing Utilities MyLab Access	Sullivan & Sullivan	9th	9780135812846	Hard copy optional, MyLab required (etext inculded)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1110	College Algebra	Algebra and Trigonometry Enhanced with Graphing Utilities MyLab Access	Sullivan & Sullivan	9th	9780135812846	Hard copy optional, MyLab required (etext inculded)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1110	College Algebra - Recitation	N/A							

1120	College Trigonometry	Algebra and Trigonometry Enhanced with Graphing Utilities MyLab Access	Sullivan & Sullivan	9th	9780135812846	Hard copy optional, MyLab required (etext incluided)	No	MyLab	MyLab includes eBook. To register to MyLab, you will need a course code. The course code will be given by your instructor at the start of the semester
1130	Precalculus Mathematics	ALEKS Account OpenStax: Precalculus 2e	Jay Abramson	2nd	978-1-951693-39-8	Both Required	Openstax - - yes	ALEKS Access Code 18 week	All students need an ALEKS Access code
1376	Programming for Data Science	OER Resources					Yes		
1399	Stretch Calculus Part A	Will be all OER Texts - Openstax				Required	Yes	No	
1401	Calculus I	Will be all OER Texts - Openstax				Required	Yes	No	
1401	Calculus I - Recitation	Will be all OER Texts - Openstax				Required			
2411	Calculus II	Will be all OER Texts - Openstax				Required	Yes		
2421	Calculus III	OpenStax Calculus Volume 3	Gilbert Strang Edwin Herman			Required	Yes	No	Use MyOpenMath but this is free for students.
2830	Introductory Statistics	ALEKS Account OpenStax: Introductory Statistics 2e	Barbara Illowsky & Susan Dean	2nd	978-1-961584-32-7	Both Required	No	ALEKS Access Code 18 week	All students need an ALEKS Access code
2831	Intro Statistics Workshop	N/A							
3000	Intro to Abstract Math	OER Resources					yes		
3191	Applied Linear Algebra	OER Resources					yes		https://github.com/CU-Denver-MathStats-OER/Introductory-Linear-Algebra
3195	Linear Algebra Diff Equations	1. Elementary Differential Equations (Open Access textbooks), 2. Notes on Diffy Qs: Differential Equations for Engineers (Open Access textbooks) 3. Linear Algegra (Open Access textbooks)	1. Trench 2. Lebl 3. Hefferon	1. N/A 2. 6.4 3. 4th	1. N/A 2. 978-1-70623-023-6 3. 979-8362590277	All are Required	yes	no	These are all free PDF textbooks
3200	Elementary Diff Equations								

3301	Introduction to Optimization	Introduction to Operations Research	Frederick S. Hillier and Gerald J. Lieberman	2024 Release		Optional	Yes	No	https://skyline.ucdenver.edu:443/record=b6297025
3376	Data Wrangling Visualization	N/A							
3382	Statistical Theory	Statistical Methods: Exploring the Unknown	Adam Spiegler	1st		Required	yes	No	https://aspiegler.github.io/Statistical-Theory/
3810	Introduction to Probability	Introduction to Probability	Charles M. Grinstead and J. Laurie Snell			Required	Yes	No	https://math.dartmouth.edu/~prob/prob/prob.pdf
4387	Applied Regression Analysis	A Progressive Introduction to Linear Model	Joshua French			Required	Yes	No	https://jfrench.github.io/LinearRegression/
4650	Numerical Analysis I	Numerical Analysis	Timothy Sauer	3rd					
4830	Applied Statistics	N/A							
5310	Probability	Introduction to Probability	Dimitri P. Bertsekas & John N. Tsisiklis	2nd	978-1886529236	Required	No	No	Textbook ordered for Joshua via Marketplace Amazon Business 08/18/2025 (JB)
5387	Applied Regression Analysis	Applied Linear Statistical Models	Michael Kutner et al.	5th		Optional	No	No	https://jfrench.github.io/LinearRegression/
5593	Linear Programming	Linear Programming	Robert J. Vanderbei	5th	978-3-030-39414-1	optional	yes	no	Available for free online through Auraria Library
5660	Numerical Analysis I	Numerical Analysis	Timothy Sauer	3rd					
5718	Applied Linear Algebra	Advanced Linear and Matrix Algebra	Nathaniel Johnston	1st	978-3030528140	Required	yes	no	Available for free online through Auraria Library
5830	Applied Statistics	N/A							

6388	Statistical and Machine Learning	N/A							
7393	Bayesian Statistics	1. Bayesian Modeling and Computation in Python 2.Bayesian Data Analysis	1. Martin, Kumar, and Lao 2. Gelman et al	1. 1st 2. 3rd		Optional	No	No	
7405	Advanced Graph Theory	N/A							