

Your progress

Course completion

This represents how much of the course content you have completed.
Note that some content may not yet be released.



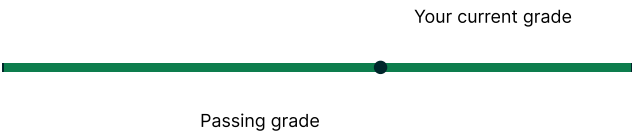
Earn a certificate

You are in an audit track and do not qualify for a certificate. In order to work towards a certificate, upgrade your course today.

Upgrade now

Grades

This represents your weighted grade against the grade needed to pass this course.



You're currently passing this course

Related links

- [Dates](#)

A schedule view of your cours

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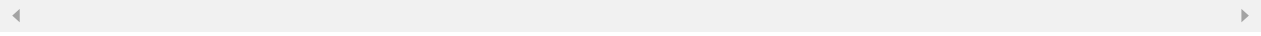
60%

s and upcoming assignments.
- [Course Outline](#)

A birds-eye view of your course content.

Grade summary ⓘ

Assignment type	Weight	Grade	Weighted grade
Week 1	5%	100%	5%
Week 2	5%	100%	5%
Week 3	5%	100%	5%
Week 4	5%	100%	5%
Exam 1	10%	100%	10%
Week 5	5%	100%	5%
Week 6	5%	100%	5%
Week 7	5%	100%	5%
Week 8	5%	100%	5%
Exam 2	10%	100%	10%
Week 9	5%	100%	5%
Week 10	5%	100%	5%
Week 11	5%	100%	5%
Week 12	5%	100%	5%
Final Exam	20%	100%	20%
Your current weighted grade summary			100%



100%

Detailed grades

Week 1: Vectors in Linear Algebra	Score
▼ 1.2 What is a Vector	19/19
▼ 1.3 Simple Vector Operations	24/24
▼ 1.4 Advanced Vector Operations	63/63
▼ 1.5 LAFF Software Package Development: Vectors	5/5
▼ 1.6 Slicing and Dicing Vectors	2/2
▼ 1.8 Wrap Up	7/7
◀ ▶	
Week 2 Linear Transformations and Matrices	Score
▼ 2.1 Opening Remarks	1/1
▼ 2.2 Linear Transformations	8/8
▼ 2.3 Mathematical Induction	4/4
▼ 2.4 Representing Linear Transformations as Matrices	56/56
▼ 2.6 Wrap Up	4/4
◀ ▶	
Week 3: Matrix-Vector Operations	Score
▼ 3.1 Opening Remarks	1/1
▼ 3.2 Special Matrices	75/75
▼ 3.3 Operations with Matrices	29/29
▼ 3.4 Matrix-Vector Multiplication Algorithms	2/2
◀ ▶	
Week 4: Matrix-Vector to Matrix-Matrix Multiplication	Score
▼ 4.1 Opening Remarks	16/16
▼ 4.2 Preparation	9/9
▼ 4.3 Matrix-Vector Multiplication with Special Matrices	21/21
▼ 4.4 Matrix-Matrix Multiplication (Product)	98/98
▼ 4.6 Wrap Up	49/49
◀ ▶	
Exam 1	Score
▼ E1.3 Exam 1	74/74
◀ ▶	
Week 5: Matrix- Matrix Multiplication	Score
▼ 5.1 Opening Remarks	3/3
▼ 5.2 Observations	169/169
▼ 5.3 Algorithms for Computing Matrix-Matrix Multiplication	79/79
▼ 5.5 Wrap Up	10/10
◀ ▶	
Week 6: Gaussian Elimination	Score
▼ 6.2 Gaussian Elimination	79/79
▼ 6.3 Solving $Ax = b$ via LU Factorization	30/30
◀ ▶	
Week 7: More Gaussian Elimination and Matrix Inversion	Score
▼ 7.2 When Gaussian Elimination Breaks Down	60/60
▼ 7.3 The Inverse Matrix	27/27
◀ ▶	

Week 8: More on Matrix Inversion	Score
▼ 8.2 Gauss-Jordan Elimination	217/217
▼ 8.3 (Almost) Never, Ever Invert a Matrix	2/2
◀ ▶	
Exam 2	Score
▼ E2.3 Exam 2	107/107
◀ ▶	
Week 9: Vector Spaces	Score
▼ 9.2 When Systems Don't Have a Unique Solution	14/14
▼ 9.3 Review of Sets	11/11
▼ 9.4 Vector Spaces	33/33
▼ 9.5 Span, Linear Independence, and Bases	5/5
◀ ▶	
Week 10: Vector Spaces, Orthogonality, and Linear Least-Squares	Score
▼ 10.1 Opening Remarks	6/6
▼ 10.2 How the Row Echelon Form Answers (Almost) Everything	76/76
▼ 10.3 Orthogonal Vectors and Spaces	9/9
▼ 10.4 Approximating a Solution	68/68
◀ ▶	
Week 11: Orthogonal Projection, Low Rank Approximation, and Orthogonal Bases	Score
▼ 11.2 Projecting a Vector onto a Subspace	49/49
▼ 11.3 Orthonormal Bases	109/109
▼ 11.4 Change of Basis	5/5
▼ 11.5 Singular Value Decomposition	4/4
◀ ▶	
Week 12: Eigenvalues and Eigenvectors	Score
▼ 12.2 Getting Started	96/96
▼ 12.3 The General Case	30/30
▼ 12.4 Practical Methods	25/25
◀ ▶	
Final	Score
▼ F.3 Final	110/110
◀ ▶	
For progress on ungraded aspects of the course, view your Course Outline .	



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