#### coursera

# Machine Learning

by Stanford University



### Andrew Ng



Welcome to Machine Learning! I'm excited to have you in the class and look forward to helping you become an expert in machine learning.

After you finish watching the Week 1 lectures, there's also a set of Review Questions to help you check your understanding. You should be able to complete the review questions in a few minutes. You can attempt the review questions as many times as you like, and we will only use your highest score.

This machine learning class was the class that had started Coursera. I'm excited to be teaching it again. By the time you finish this class, you'll know how to apply the most advanced machine learning algorithms to such problems as anti-spam, image recognition, clustering, building recommender systems, and many other problems. You'll also know how to select the right algorithm for the right job, as well as become expert at 'debugging' and figuring out how to improve a learning algorithm's performance.

I hope you'll have a lot of fun learning about machine learning.

Andrew

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## Congratulations!

You've successfully completed Machine Learning <u>View your certificate.</u>



Help Center

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WEEK 1

Introduction

Videos Done

Readings Done

**REQUIRED GRADE** DUE

🔼 Quiz Introduction 10 min

100% Oct 23

Linear Regression with One Variable

Videos

Done

Readings

Done

**REQUIRED** GRADE DUE



Quiz Linear Regression with One Variable 10 min

80%

Oct 23

Linear Algebra Review

Videos

Done

Readings

Done

**Practice Exercises** 

Done



Nothing due

WEEK 2

Linear Regression with Multiple Variables

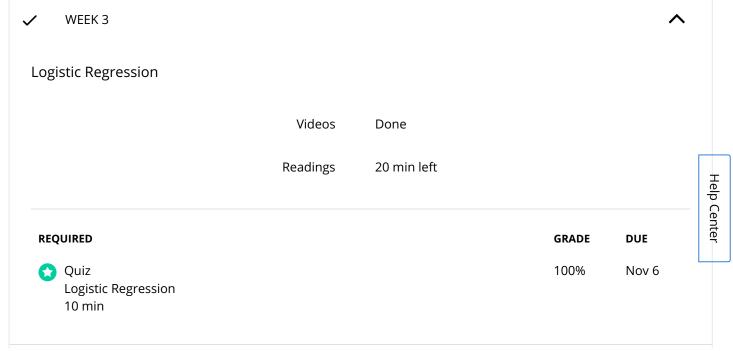
Help Center

Videos Done

Readings 20 min left

Rea	adings	20 min left		
REQUIRED			GRADE	DUE
Quiz Linear Regression with Multiple Variables 10 min	5		100%	Oct 30
Octave/Matlab Tutorial				
V	/ideos	Done		
Rea	adings	Done		
REQUIRED			GRADE	DUE



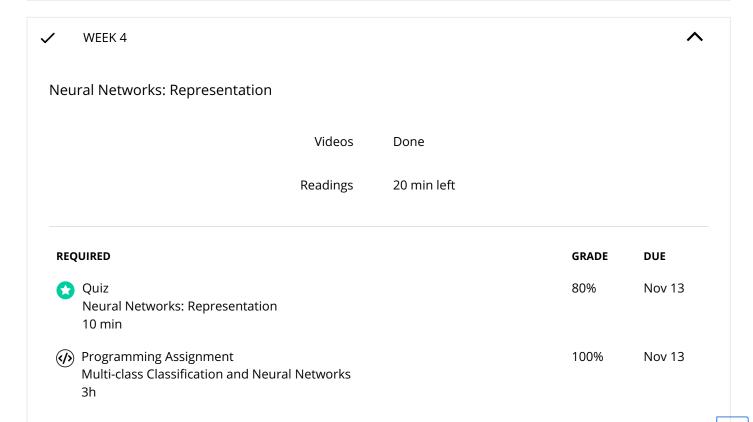


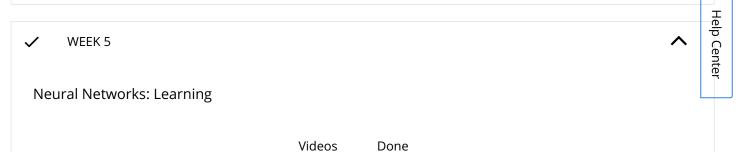
### Regularization

Videos Done

Readings 12 min left

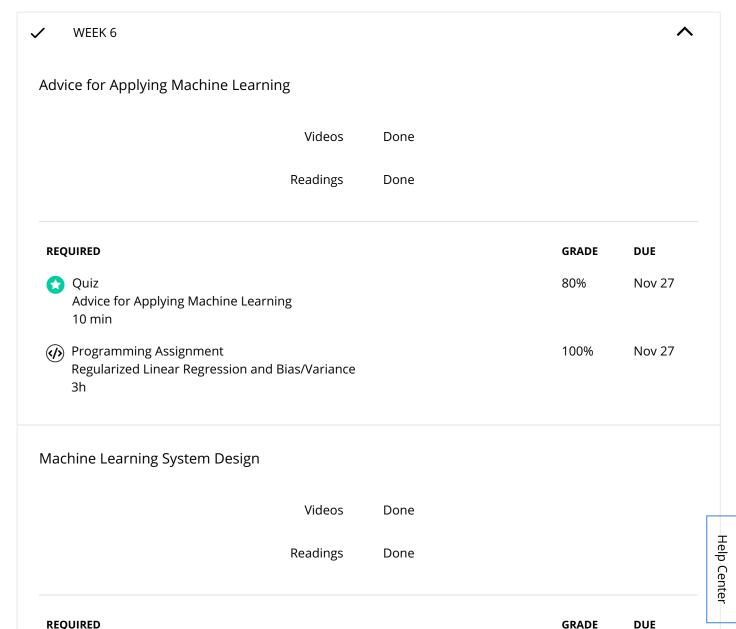
REQUIRED	GRADE	DUE
Quiz Regularization 10 min	80%	Nov 6
Programming Assignment Logistic Regression 3h	100%	Nov 6





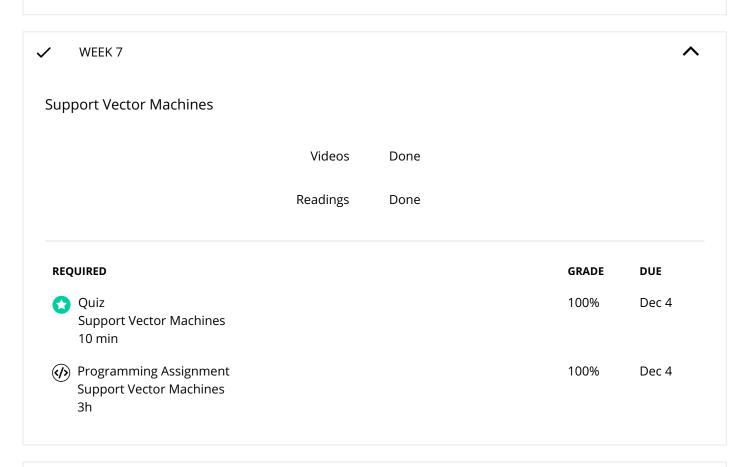
Readings 31 min left

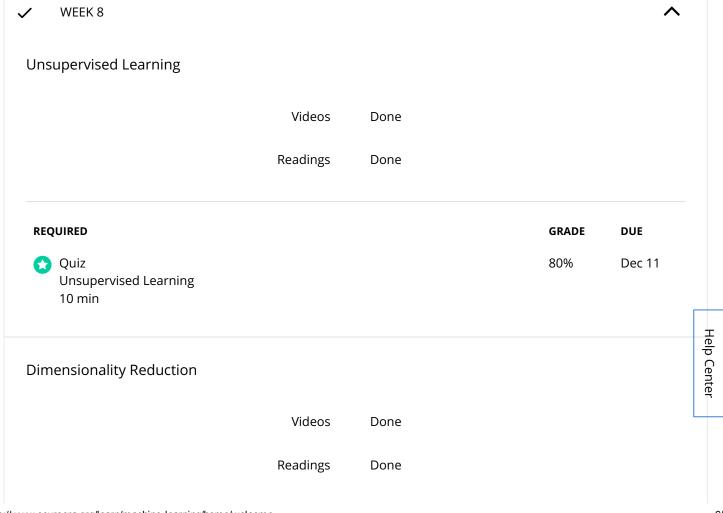
EQUIRED	GRADE	DUE
Quiz Neural Networks: Learning 10 min	100%	Nov 20
Programming Assignment Neural Network Learning 3h	100%	Nov 20



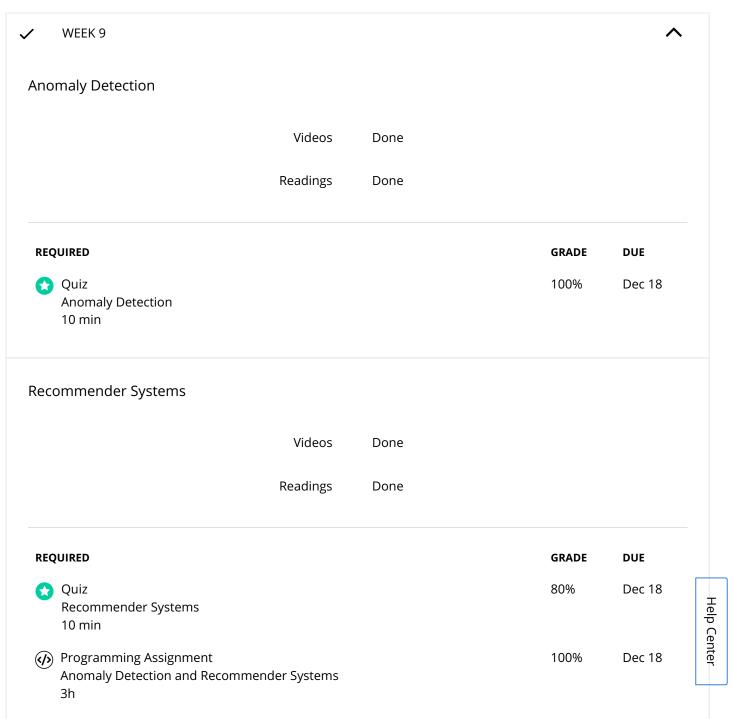
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Quiz Machine Learning System Design	100%	Nov 27

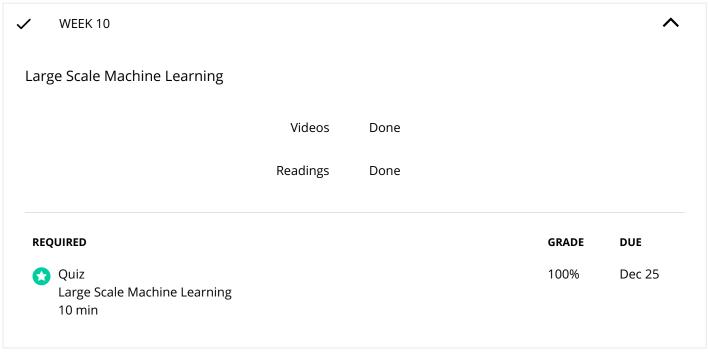
10 min

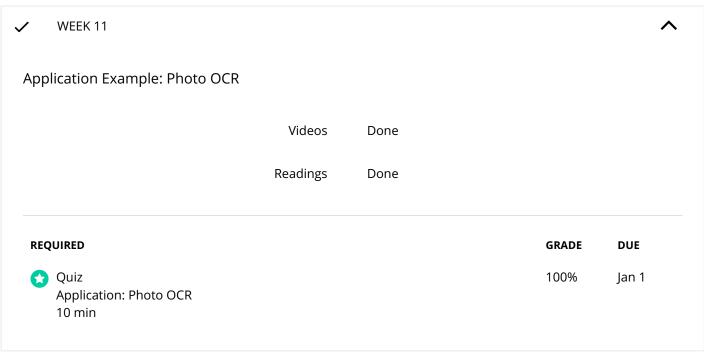




REQUIRED	GRADE	DUE
Quiz Principal Component Analysis 10 min	80%	Dec 11
Programming Assignment K-Means Clustering and PCA 3h	100%	Dec 11







**Yes**, I'd like to receive email about other programs from **Stanford University**.

Yes

X

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