

You can start learning right away. Courses follow a week-based schedule, and you can go faster, if you like.

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## Neural Networks and Deep Learning

by deeplearning.ai









Welcome to Neural Networks and Deep Learning! You're joining thousands of learners currently enrolled in the course. I'm excited to have you in the class and look forward to your contributions to the learning community.

To begin, I recommend taking a few minutes to explore the course site. Review the material we'll cover each week, and preview the assignments you'll need to complete to pass the course. Click **Discussions** to see forums where you can discuss the course material with fellow students taking the class.

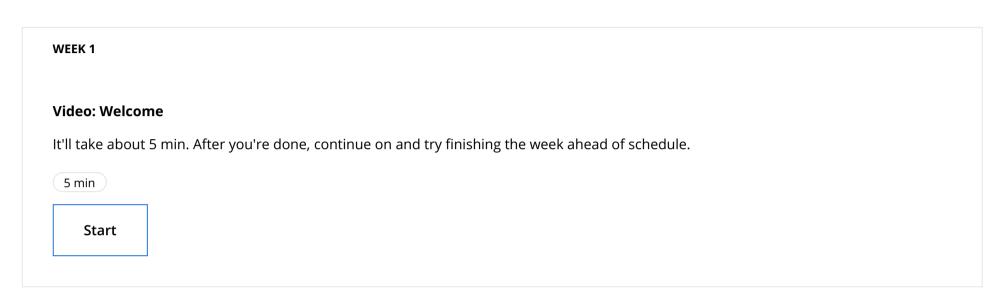
If you have questions about course content, please post them in the forums to get help from others in the course community. For technical problems with the Coursera platform, visit the Learner Help Center.

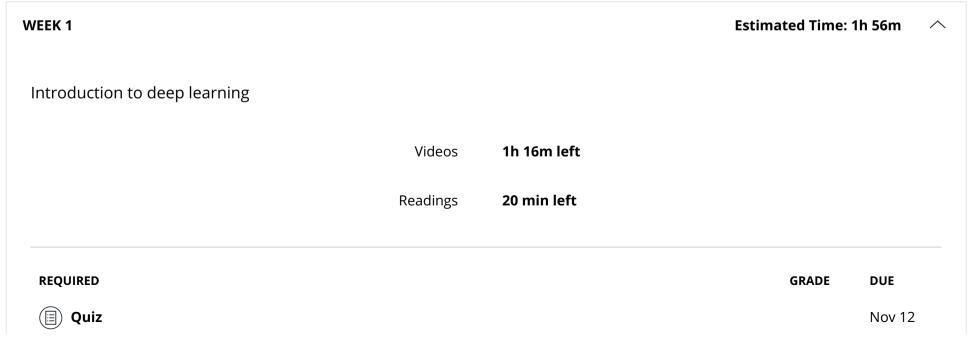
Good luck as you get started, and I hope you enjoy the course!











Introduction to deep learning

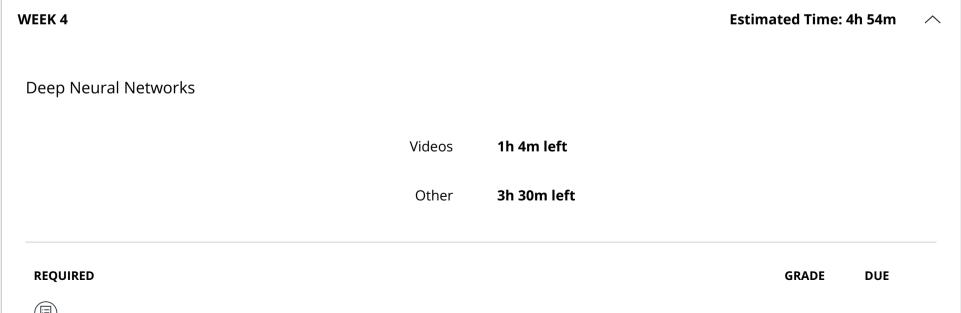
20 min

Estimated Time: 7h 12m WEEK 2 Neural Networks Basics Videos 2h 40m left Readings 12 min left **Practice Exercises** 1h left Other 3h left **REQUIRED** GRADE DUE Quiz Nov 19 **Neural Network Basics** 20 min **Programming Assignment** Nov 19 Logistic Regression with a Neural Network mindset

WEEK 3

Estimated Time: 4h 39m

Shallow neural networks Videos 1h 49m left 2h 30m left Other **REQUIRED** DUE **GRADE** Quiz Nov 26 **Shallow Neural Networks** 20 min **Programming Assignment** Nov 26 Planar data classification with a hidden layer



<u> </u>	Quiz	Dec 3
	Key concepts on Deep Neural Networks	
	20 min	
(1)	Programming Assignment Building your deep neural network: Step by Step	Dec 3
(1)	Programming Assignment Deep Neural Network Application	Dec 3