



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



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!

^ Less



**WEEK 1****Video: Welcome**

It'll take about 5 min. After you're done, continue on and try finishing the week ahead of schedule.

5 min

Start

WEEK 1**Estimated Time: 1h 56m**

Introduction to deep learning

Videos **1h 16m left**

Readings **20 min left**

REQUIRED**GRADE****DUE****Quiz**

Nov 12

Introduction to deep learning

20 min**WEEK 2****Estimated Time: 7h 12m**

Neural Networks Basics

Videos **2h 40m left**Readings **12 min left**Practice Exercises **1h left**Other **3h left****REQUIRED****GRADE****DUE****Quiz**

Neural Network Basics

20 min

Nov 19

**Programming Assignment**

Logistic Regression with a Neural Network mindset

Nov 19

WEEK 3**Estimated Time: 4h 39m**

Shallow neural networks

Videos **1h 49m left**Other **2h 30m left****REQUIRED****GRADE****DUE****Quiz**

Shallow Neural Networks

20 min

Nov 26

**Programming Assignment**

Planar data classification with a hidden layer

Nov 26

WEEK 4**Estimated Time: 4h 54m**

Deep Neural Networks

Videos **1h 4m left**Other **3h 30m left****REQUIRED****GRADE****DUE**

**Quiz**

Key concepts on Deep Neural Networks

20 min

Dec 3

**Programming Assignment**

Building your deep neural network: Step by Step

Dec 3

**Programming Assignment**

Deep Neural Network Application

Dec 3