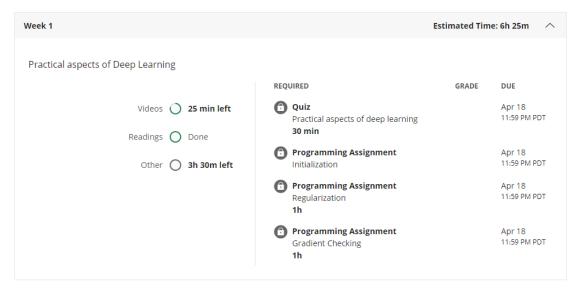ℹ Like this course? Become an expert by joining the Deep Learning Specialization.

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
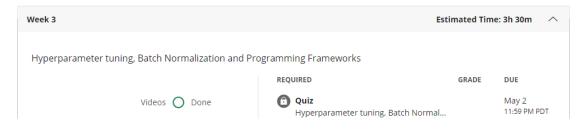
by DeepLearning.AI

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●───────────●──────────────●──────────────●──────────────●
START      WEEK 1         WEEK 2         WEEK 3      END 05/09
```

WEEK 2

Clarification about Learning Rate Decay Video

It'll take about 1 min. After you're done, continue on and try finishing ahead of schedule.

Start

Week 1	Estimated Time: 6h 25m ⌃

Practical aspects of Deep Learning

		REQUIRED	GRADE	DUE
Videos ⭕	25 min left	🔒 **Quiz** Practical aspects of deep learning **30 min**		Apr 18 11:59 PM PDT
Readings ⭕	Done	🔒 **Programming Assignment** Initialization		Apr 18 11:59 PM PDT
Other ⭕	3h 30m left	🔒 **Programming Assignment** Regularization **1h**		Apr 18 11:59 PM PDT
		🔒 **Programming Assignment** Gradient Checking **1h**		Apr 18 11:59 PM PDT

Week 2	Estimated Time: 3h 14m ⌃

Optimization algorithms

		REQUIRED	GRADE	DUE
Videos ⭕	13 min left	🔒 **Quiz** Optimization algorithms **30 min**		Apr 25 11:59 PM PDT
Readings ◑	1 min left	🔒 **Programming Assignment** Optimization **30 min**		Apr 25 11:59 PM PDT
Other ⭕	2h left			

Week 3	Estimated Time: 3h 30m ⌃

Hyperparameter tuning, Batch Normalization and Programming Frameworks

		REQUIRED	GRADE	DUE
Videos ⭕	Done	🔒 **Quiz** Hyperparameter tuning, Batch Normal...		May 2 11:59 PM PDT

Readings ◯ Done

30 min

🔒 **Programming Assignment**
Tensorflow

May 2
11:59 PM PDT

Other ◯ **3h left**

Do you want to receive emails from **DeepLearning.AI**? ⬤ No ✕

❓

🔒 **Programming Assignment**
Tensorflow

May 2
11:59 PM PDT