

Suggested Course Timings

Per-Chapter Timings

	Arrivals and Registration	[15 minutes total]
1.	Introduction • 20 minutes lecture	[20 minutes total]
2.	The Cloudera Enterprise Data Hub • 30 minutes lecture • 20 minutes exercise(s)	[50 minutes total]
3.	Installing Cloudera Manager and CDH • 50 minutes lecture • 60 minutes exercise(s) • 15 minutes demonstration(s)	[2 hours, 5 minutes total]
4.	Configuring a Cloudera Cluster • 50 minutes lecture • 45 minutes exercise(s)	[1 hour, 35 minutes total]
5.	Hadoop Distributed File System • 50 minutes lecture • 45 minutes exercise(s)	[1 hour, 35 minutes total]
6.	HDFS Data Ingest • 50 minutes lecture • 40 minutes exercise(s)	[1 hour, 30 minutes total]
7.	Hive and Impala • 45 minutes lecture • 40 minutes exercise(s)	[1 hour, 25 minutes total]
8.	YARN and MapReduce • 50 minutes lecture • 30 minutes exercise(s)	[1 hour, 20 minutes total]
9.	Apache Spark • 40 minutes lecture • 30 minutes exercise(s)	[1 hour, 10 minutes total]
10.	Planning Your Cluster	[60 minutes total]

- 60 minutes lecture
- 11. **Advanced Cluster Configuration** [1 hour, 15 minutes total]
 - 30 minutes lecture
 - 45 minutes exercise(s)
- 12. **Managing Resources** [1 hour, 30 minutes total]
 - 60 minutes lecture
 - 30 minutes exercise(s)
- 13. **Cluster Maintenance** [1 hour, 40 minutes total]
 - 50 minutes lecture
 - 50 minutes exercise(s)
- 14. **Monitoring Clusters** [1 hour, 5 minutes total]
 - 50 minutes lecture
 - 15 minutes exercise(s)
- 15. **Cluster Troubleshooting** [1 hour, 50 minutes total]
 - 50 minutes lecture
 - 60 minutes exercise(s)
- 16. **Installing and Managing Hue** [35 minutes total]
 - 20 minutes lecture
 - 15 minutes exercise(s)
- 17. **Security** [30 minutes total]
 - 30 minutes lecture
- 18. **Conclusion** [5 minutes total]
 - 5 minutes lecture
- A. **Apache Kudu** [1 hour, 5 minutes total]
 - 40 minutes lecture
 - 25 minutes exercise(s)
- B. **Apache Kafka** [1 hour, 30 minutes total]
 - 60 minutes lecture
 - 30 minutes exercise(s)
- C. **Object Storage in the Cloud** [40 minutes total]
 - 20 minutes lecture
 - 20 minutes exercise(s)

Final Questions and Post-Course Survey [15 minutes total]

Per-Day Timings

- **Day 1**

[Total classroom time: 6 hours, 40 minutes]

Complete all lectures and exercises for Chapters 1–5.

- **Day 2**

[Total classroom time: 5 hours, 40 minutes]

Complete all lectures and exercises for Chapters 6–9

- **Day 3**

[Total classroom time: 5 hours, 30 minutes]

Complete all lectures and exercises for Chapters 11–13.

- **Day 4**

[Total classroom time: 5 hours, 10 minutes]

Complete all lectures and exercises for Chapters 14–17, plus *either* Appendix A (Kudu) and Appendix C (Object Storage) *or* Appendix B.

If you want to include all three appendices, consider cutting Chapter 16 (Hue) and/or 17 (Security).