

# michigan online intro to deep learning

1. [Lecture 1: Introduction to Deep Learning for Computer Vision](#)
2. [Lecture 2: Image Classification](#)
3. [Lecture 3: Linear Classifiers](#)
4. [Lecture 4: Optimization](#)
5. [Lecture 5: Neural Networks](#)
6. [Lecture 6: Backpropagation](#)
7. [Lecture 7: Convolutional Networks](#)
8. [Lecture 8: CNN Architectures](#)
9. [Lecture 9: Hardware and Software](#)
10. [Lecture 10: Training Neural Networks I](#)
11. [Lecture 11: Training Neural Networks II](#)
12. [Lecture 12: Recurrent Networks](#)
13. [Lecture 13: Attention](#)
14. [Lecture 14: Visualizing and Understanding](#)
15. [Lecture 15: Object Detection](#)
16. [Lecture 16: Detection and Segmentation](#)
17. [Lecture 17: 3D Vision](#)
18. [Lecture 18: Videos](#)
19. [Lecture 19: Generative Models I](#)
20. [Lecture 20: Generative Models II](#)
21. [Lecture 21: Reinforcement Learning](#)
22. [Lecture 22: Conclusion](#)