

Date	Lecture Topic	Quiz	Homework Due
October 9, 2023	Introduction	no	Homework 0
October 16, 2023	Image Processing (Filter, Transforms)	no	
October 23, 2023	Image Features	1	
October 30, 2023	Feature Matching and Image Retrieval	2	Homework 1
November 6, 2023	Image Retrieval & Image Classification	3	
November 13, 2023	Neural Networks Recap	4	Homework 2
November 20, 2023	ConvNets, ConvNet Architectures	5	
November 27, 2023	Object detection (YOLO, MobileNet)	6	
December 4, 2023	Fine Tuning and Domain Adaptation	7	Project idea presentation
December 11, 2023	Autoencoder and Embeddings	8	Homework 3
December 18, 2023	Transformers and Images I	9	
January 8, 2023	Transformers and Images II	10	Homework 4
January 15, 2023	Diffusion Models I	11	
January 22, 2023	Diffusion Models II	12	
January 29, 2023	State of the Art / Recent Developments	13	
February 12, 2023	Projectpresentation / Poster Session		Documentation