Schedule

Week 1	Introduction to Neural Networks
02/01	Introduction to Course and Creative AI
02/04	Introduction to Neural Networks
Week 2	Data + Tools of the trade
02/08	Technology stack (p5js, ml5, python, colab) **Due: Exercise 1**
02/11	Data and datasets
Week 3	Convolutional Neural Networks
02/15	Introduction to CNN
02/18	CNN implementation on the browser
Week 4	Introduction to Generative Models, Autoencoders / UNet
02/22	No class
02/25	Introduction to Generative Models, Autoencoders, and UNet **Due: Exercise 2**
Week 5	Generative Adversarial Networks
03/01	Introduction to GANs
03/04	Modern GAN Architectures
Week 6	Recurrent Neural Networks + Language Models
03/08	Introduction to RNNs + Language Models **Due: Exercise 3**
03/11	Work Session
Week 7	Introduction to Final Project
03/15	Final Project Brief
03/18	Concept reviews

Week 8	No Class (Spring Break)
03/22	No Class (Spring Break)
03/25	No Class (Spring Break)
Week 9	Concepts and Prototypes
03/29	Review concepts, research, and prototypes **Due: Exercise 4**
04/01	Mini-Crit: Concept Presentations
Week 10	Design and Fabrication
04/05	Work session
04/08	Speaker: Cristóbal Valenzuela (Runway) Work session
Week 11	Design and Fabrication
04/12	Work session
04/15	Work session Speaker: Andreas Refsgaard
Week 12	Finish
04/19	Work session
04/22	Work session Mini-Crit: Group review of current progress
Week 13	Documentation
04/26	Tips for documentation Work session
04/29	Work session Speaker: Kyle McDonald
Week 14	Critique
05/03	Review of slides and documentation
05/06	Final critique with invited guests
Week 15	Wrap-Up
05/10	Debrief + Collect Documentation