

Department of Mechanical Engineering 24-787 Artificial Intelligence and Machine Learning for Engineering Design Spring 2014

COURSE CALENDAR

(subject to change; consult Blackboard for recent updates)

Date	Day	Notes
January		
13	M	AI/ML: What is it and why should we care?
15	W	Probability;
20	M	NO CLASS (Martin Luther King Day);
22	W	Decision Trees; HW1 out
27	M	Decision Trees;
29	W	Bayes Classifiers;
February		
3	M	Bayes Classifiers;
5	W	Model Estimation; HW1 due; HW2 out
10	M	Neural Networks;
12	W	Neural Networks;
17	M	Neural Networks;
19	W	Dimensionality Reduction; HW2 due; HW3 out
24	M	Dimensionality Reduction;
26	W	Clustering;
March		
3	M	Clustering;
5	W	Support Vector Machines; HW3 due; HW4 out; Project Proposals due
10	M	NO CLASS (Spring Break); Mid-semester grades due
12	W	NO CLASS (Spring Break)
17	M	Support Vector Machines;
19	W	Optimization; HW4 due; HW5 out
24	M	Optimization;
26	W	Optimization;
31	M	Genetic Algorithms; Drop deadline
April		
2	W	Genetic Algorithms; HW5 due; HW6 out
7	M	Genetic Algorithms;
9	W	Search;
14	M	Search;
16	W	Constraint Satisfaction; HW6 due
21	M	Constraint Satisfaction;
23	W	Research Presentation;
28	M	Project Presentations
30	W	Project Presentations
May		
2	F	Project Reports due