Problem Solving using Pattern Recognition
MTech – IS PT
(Jun 20 – Jul 18 2020)

Jun 20 Saturday		Lecturer
9:00 am	Module 1.1 Introduction to Problem Solving Using Pattern Recognition	Fangming /Charles
10:30 am	*< Morning Break >*	
10:45 am	Module 1.2 How to Analyse, Model and Solve Pattern Recognition Problems	Fangming /Charles
12:30 pm	*< Lunch Break >*	
1:30 pm	Module 1.3 Solving Pattern Recognition Problems Using Supervised Learning Techniques (I)	Fangming /Charles
3:15 pm	*< Afternoon Break >*	
3:30pm	Module 1.4 Pattern Recognition Workshop 1	Fangming /Charles

Jun 27 Saturday		
9:00 am	Module 2.1 Solving Pattern Recognition Problems Using Supervised Learning Techniques (II)	Fangming /Jen Hong
10:30 am	*< Morning Break >*	
10:45 am	Module 2.2 Solving Pattern Recognition Problems Using Supervised Learning Techniques (II) (cont.)	Fangming /Jen Hong
12:30 pm	*< Lunch Break >*	
1:30 pm	Module 2.3 Pattern Recognition Workshop 2	Fangming /Jen Hong
3:15 pm	*< Afternoon Break >*	
3:30pm	Module 2.4 Pattern Recognition workshop 2 (cont.) + Quiz 1	Fangming /Jen Hong

Jul 4 Saturday		
9:00 am	Module 3.1 Solving problems with a large number of features	Charles Pang/Jen Hong
10:30 am	*< Morning Break >*	
10:45 am	Module 3.2. Dimensionality Reduction Methods (I)	Charles Pang/Jen Hong
12:30 pm	*< Lunch Break >*	
1:30 pm	Module 3.3 Dimensionality Reduction Methods (II)	Charles Pang/Jen Hong
3:15 pm	*< Afternoon Break >*	
3:30pm	Module 3.4 Dimensionality Reduction Workshop	Charles Pang/Jen Hong

Jul 11 Saturday		
9:00 am	Module 4.1 Solving problems with Cluster Analysis	Charles Pang /Fangming
10:30 am	*< Morning Break >*	
10:45 am	Module 4.2 Clustering Methods (I)	Charles Pang /Fangming
12:30 pm	*< Lunch Break >*	
1:30 pm	Module 4.3 Clustering Methods (II)	Charles Pang /Fangming
3:15 pm	*< Afternoon Break >*	
3:30pm	Module 4.4 Clustering Workshop+ Quiz 2	Charles Pang /Fangming

Jul 18 Saturday		
9:00 am	Module 5.1 Introduction to Deep Learning	Jen Hong /Fangming
10:30 am	*< Morning Break >*	
10:45 am	Module 5.2 The Use Cases of Deep Learning	Jen Hong /Fangming
12:30 pm	*< Lunch Break >*	
1:30 pm	Module 5.3 Deep Learning Workshop	Jen Hong /Fangming
3:15 pm	*< Afternoon Break >*	
3:30pm	Module 5.4 Deep Learning Workshop (cont.)+ Quiz 3	Jen Hong /Fangming