Topics	Specific Content	Date	week
Introduction	Introduction related technologies overview of data mining tasks (slides)	8/29, 8/31	week 1
Preliminaries	holiday	9/5	week 2
	data and attributes	9/7	week 2
	measures (slides) (notes)	9/12	week 3
	measures cont. (slides) (notes)	9/14	week 3
Data mining algorithms: association rules	association rule mining (slides)	9/19	week 4
	association rule mining cont. (slides)	9/21 (hw1 assigned)	week 4
	frequent item set generation (slides)	9/26	week 5
	rule generation (slides)	9/28	week 5
Data mining algorithms: categorization	guest lecture with Dr. Yunhe Feng from Univ. of North Texas	10/3	week 6
	classification (slides)	10/5	week 7
	decision trees (slides) (slides)	10/10 (hw1 due)	week 7
	midterm review	10/12	week 7
	midterm exam	10/17 (hw2 assigned), 10/19	week 8
	covering rules (slides) guest lecture with Dr. Sheng Li from Univ. of Virgina	10/24 10/26	week 9
Data mining algorithms: clustering	basic issues in clustering	10/31	week 10
	first conceptual clustering system (slides)	11/2, 11/7 (hw2 due; hw3 assigned)	week 10,11
	partitioning methods (slides)	11/9, 11/14	week 11,12
	hierarchical methods (slides)	11/16	week 12
	guest lecture with Dr. David Anastasiu from Santa Clara U.	11/21	week 13
	experiments with Weka	11/23	week 14
IoT data	guest lecture with Dr. Haoxin Wang from Georgia State U. algorithms	11/28 11/30 (hw3 due)	week 14
	case study	12/5 (project due)	week 15
	Review for final exam	12/7	week 15
	Final exam	12/12	TBA