

Date	Topic	Assignment	Comments
24-Aug	Introduction		
26-Aug	Fundamentals of parallel computing		
31-Aug	Models of parallel computing		
2-Sep	Data dependences and quick introduction to transformations		
7-Sep			
9-Sep	Introduction to OpenMP		
14-Sep	Advanced OpenMP (work-sharing, reduction, synchronization)	Assignment 1 release (Due date is Sept 23rd)	
16-Sep	Advanced OpenMP (scheduling and data sharing)		
21-Sep	OpenMP tasks, sections		Deadline for dropping a course without record
23-Sep	Parallel algorithms (part 1)	Assignment 2 release (Due date is Sept 30rd)	
28-Sep	Introduction to sparse computations		
30-Sep	Introduction to MPI		
5-Oct	Review point 1 + sample question paper discussion		
7-Oct		Project topic release (Dead line Oct 14)	Midterm
12-Oct	Exam review + MPI review		
14-Oct	MPI collective calls	Assignment 3 release (Due date is Oct 21)	
19-Oct	Guest lecture		
21-Oct	Tools		
26-Oct	Network topologies		
28-Oct	Matrix Multiplication	Assignment 4 release (Due date is Nov 4)	
2-Nov	Parallel algorithms (part 2)		
4-Nov	Parallel algorithms (part 3)		
9-Nov	White paper presentation	Assignment 5 release (Due date is Nov 30)	
11-Nov			Holiday
16-Nov	Project presentation 1	Project presentation 1	
18-Nov	Project presentation 2	Project presentation 2	Deadline for undergraduate and professional students to withdraw from a course
23-Nov			Thanksgiving
25-Nov			Thanksgiving
30-Nov		RESERVED	
2-Dec	What's the future + course review part 1		
7-Dec	course review part 2 + Sample Question paper		Last class
15-Dec	Final exam	Exam	CPTS 411 101