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1	Basic definitions and differential equations	LECTURE			
2	Variational methods	LECTURE			
3	Second-Order boundary value problems	LECTURE			
4	Boundary value problem applications in one dimension	LECTURE			
5	Boundary values	LECTURE			
6	Fourth-Order boundary value problems	LECTURE			
7	Error analysis	LECTURE			
8	Mid-Term exam	EXAM			
9	Eigenvalue problems	LECTURE			
10	Interpolation functions and numerical integration (1)	LECTURE			
11	Two dimensional problems	LECTURE			

12	Interpolation functions and numerical integration (2)	LECTURE	
13	About elements	LECTURE	
14	Application examples: solid and fluid	LECTURE	
15	Application examples: heat transfer and other field related problems	LECTURE	
16	Final exam	EXAM	

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