

**Supplement 1. Reasons for Incomplete Preparedness or Repeated Study of Course Materials**

Question	Course material			
	Online lectures		Assigned readings	
		No. (%)		No. (%)
Why did you NOT watch the online lecture/read the assigned reading material?	I did not have enough time	40 (70.18)	I did not have enough time	114 (48.51)
	I thought it wouldn't matter to following the class even if I didn't watch it	9 (15.79)	I was not aware of it as an assignment	85 (36.17)
	I was not aware of it as an assignment	4 (7.02)	I thought it wouldn't matter to following the class even if I didn't read it	34 (14.47)
	Technical issues (e.g., internet connection, device malfunction)	1 (1.75)	Others	2 (0.85)
Why did you PARTLY watch the online lecture/read the assigned reading material?	Others	3 (5.26)		
	I did not have enough time to watch it through	37 (68.52)	I did not have enough time to read it through	51 (89.47)
	I already knew about the contents	6 (11.11)	I already knew about the contents	3 (5.26)
	The lecture was boring	4 (7.41)	The contents seemed irrelevant to class	3 (5.26)
Why did you REPEATEDLY watch the online lecture/read the assigned reading material?	The contents seemed irrelevant to class	3 (5.56)	Others	0
	Others	4 (7.41)		
	I couldn't understand it clearly	15 (71.43)	To reconfirm my understanding	5 (71.43)
	To reconfirm my understanding	6 (28.57)	I couldn't understand it clearly	2 (28.57)
	The lecture was too fast to follow	0	Others	0
	Others	0		