

ASIASAFE SUMMER SCHOOL at NTU

Timetable and topics

Day	Led by	1st session 18:15 – 19:00	2nd session 19:00 – 19:45	BREAK	3rd session 20:00 – 20:45	4th session 20:45 – 21:30	
21/08/2023 Monday	NTTU UNITOV UTC	<p style="text-align: center;">14.00pm: Welcome speech by NTU representatives (President of NTU)</p> <p style="text-align: center;">Road traffic safety and best practices in Vietnam (NTTU and UTC)</p> <p style="text-align: center;">Road traffic safety and best practices in Italy (UNITOV)</p> <p style="text-align: center;">17.30pm: Dinner for all lecturers + Students</p>					
22/08/2023 Tuesday 9.00 am – 12am	<p>Visiting HCMC Urban Transport Management Center and the Campus of NTU and City tour and Lunch</p> <p><i>Technical visit of Lecturers + Students</i> (9:00 – 12 am)</p>						
23/08/2023 Wednesday	NTTU UNITOV	Introduction to Transport System Analysis and Road Safety (UNITOV)	Introduction to transport system analysis 1 (supply/demand) (UNITOV)		Road design and Traffic safety + practice section Dr. Nguyen Dinh Nen (NTTU)		
24/08/2023 Thursday	NTTU UNITOV	Introduction to system analysis 2 (path choice and supply- demand interaction) (UNITOV)	Road Safety Management: Network screening (UNITOV)		Cont. and student Assignment Presentation (Assignment for the final day will be presented by group) Dr. Nguyen Dinh Nen (NTTU)		
25/08/2023 Friday	Attending the International conference of NTU and dinner (for all lecturers and all students)						
26/08/2023 Saturday	NTTU UNITOV	Road Safety Management: Diagnosis (UNITOV)	Road Safety Management: Diagnosis (UNITOV)		Road Safety Management: selection of countermeasures (UNITOV)	Road Safety Management: prioritisation of countermeasures (UNITOV)	
27/08/2023 Sunday	Attending the closing day of the conference and Dinner (for all lecturers and all students)						
28/08/2023 Monday	UTC	Automotive stability (UTC)			Automotive stability (UTC)	Matlab / Simulink software application (UTC)	
29/08/2023 Tuesday	UTC	Optimal controller design for active anti-roll bar system on a truck (UTC)	Robust (H_∞ /LPV) controller design for active anti-roll bar system on heavy vehicles (UTC)		Robust (H_∞ /LPV) controller design for active braking system on a truck (UTC)	Discussion and Conclusion (UTC)	
30/08/2023 Wednesday	NTTU	Urban transport planning and safety				Practice and Discussion	
31/08/2023 Thursday	NTTU	Assignment – Group Presentation	Assignment – Group Presentation		Course Evaluation	Closing Ceremony	
01/09/2023 Friday		Free Time or other to be decided					