

## PROVISIONAL PROGRAM DELFT ROAD SAFETY COURSE IN DELFT 2019

<b>Sunday September 8th</b> Informal Location: TU Delft – Library – Blue Room		
16:00 – 19:00	Informal get together and introduction	Emma McLennan (Easst)

### WEEK 1: 8 - 13 September

<b>Day 1, Monday September 9th</b> Theme introduction Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 10:00	Introduction to the course : From crash to strategy	Divera Twisk (download WHOGRS info). Introduce resources/strategy
10:00 - 11:00	Road safety as a Global Health and Development Problem	Dr. Meleckidzedeck Khayesi (World Health Organisation)
11:00 - 12:00	Key risk groups and risk behaviour	Emma McLennan (Easst)
12:00 - 13:00	12 Country presentation 5 minutes (max 4 slides) sent in advance.	Students
13:00 - 14:00	LUNCH	
14:00 - 15:00	12 Country presentation 5 minutes (max 4 slides) sent in advance.	Students
15:00 - 16:00	Analyses and feedback	Students + supervisors
16:00 - 17:00	Practicalities, things to come, survey and alumni network	Emma McLennan (Easst), Hans Godthelp (DRSC), Divera Twisk

<b>Day 2: Tuesday September 10th</b> Theme Safe systems –from pre to post crash Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 10:00	Causes of crashes	Fred Wegman
10:00 - 11:00	Safe systems Approach: vision , principles, tools	Fred Wegman
11:00 - 12:00	Road Safety Management	Fred Wegman
12:00 - 13:00	Designing a road safety strategy and action plan and the role of road safety performance targets, also for LMIC.	Divera Twisk, Fred Wegman
13:00 - 14:00	LUNCH	
14:00 - 15:00	Occupational Road safety management and key risks	Emma McLennan (Easst) and Dr. Serghei Diaconu
15:00 - 17:00	When crashes occur: Managing Post-crash Care	Emma McLennan (Easst), Ludo Kluppels (VIAS): Introduce elearning videos on post-impact care

<b>Day 3: Wednesday September 11th</b>		
Theme Effective road safety advocacy and awareness raising		
Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 10:30	Introduction to road safety advocacy , Road safety campaigning and Road safety awareness raising: Group exercises on key risks	Emma McLennan (Easst), Floor Lieshout (Youth for road safety)
10:30 - 11:30	Road safety partnerships: Effective Enforcement and deterrence	Emma McLennan (Easst) and Serghei Diaconu
11:30 - 11-45	Short break	
11:45 - 12:30	Key risks: Road safety awareness raising	Emma McLennan (Easst)
12:30 - 13:30	LUNCH	
13:30 - 14:45	Road safety advocacy: influencing decision makers and using media	Miquel Nadel (RACV-FIA)
14:45 - 16:00	Assignment 1: Designing Advocacy and awareness campaigns	Students, Emma McLennan (Easst), Serghei Diaconu, Floor Lieshout (Youth for road safety)
16:00 - 17:00	Presentations by Groups A, B, and C,	Students

<b>Day 4: Thursday September 12th</b>		
Understanding RS data and effects of measures		
Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 11:00	Road Safety Data, collection and analyses	Henk Stipdonk (KIM)
11:00 - 12:00	Assignment 2: Hands-on experience with analysing and interpreting crash data	Students (Henk Stipdonk, Divera Twisk)
12:00 - 13:00	Research into crashes Bangladesh	Webinar Shamsunnahar Yasmin (CARRS-Q)
13:00 - 14:00	LUNCH	
14:00 - 15:00	Results of evaluating of road safety measures	Rune Elvik (TOI)
15:00 - 16:00	Assignment 3: Use SAFETYCUBE to asses expert system on effective measures for strategy	Students, Rune Elvik, Divera Twisk
16:00 - 17:00	Preparing for field trip ' roads' and ' city' : preview trip + Amsterdam	Students: objectives and questions

<b>Day 5: Friday September 13th</b>		
Theme: city development, design and safety: Amsterdam a case study		
Location: Amsterdam		
08:30 - 14.00	Bus excursion: Infrastructure	Fred Wegman
14:00 - 17.00	Amsterdam: Metropolitan applications	Heleen Vonk, City of Amsterdam
	Managing speeds, Awareness and advocacy	City of Amsterdam
	Managing car access, The role of research	
	Managing registration of crash	
	Learning from crash statistics, Stakeholder involvement	
17.00 – 20.00	Dinner in Amsterdam	

## WEEK 2: 16 - 20 September

<b>Day 6: Monday September 16th</b> Theme: Day at SWOV, Science and Policy Location: SWOV – The Hague		
09:00 - 09:30	Research to support road safety policy making	Peter van der Knaap
09:30 - 10:30	Policy and strategic road safety developments: theory and applications	Letty Aarts
10:30 - 11:30	Road safety management for African Countries : focus on motorized two-wheelers and pedestrians	Rob Eenink
11:30 - 13:00	Monitoring road safety developments based on WHO status report	Wendy Weijermars
13:00 - 13:30	LUNCH	
13:30 - 14:15	Research methods: strength and limitations (demonstration simulator)	Gert Jan Wijlhuizen / Willem Vlakveld
14:15 - 15:15	Road safety infrastructure (Pilar x) and IRAP	Rob Eenink
15:15 - 17:00	Assignment 4: Using Expert-system ' Safety Cube' for identifying evidence-based research + Feedback	Students: Jan- Hendrik van Petegem

<b>Day 7: Tuesday September 17th</b> Theme: Safe vehicles & Infrastructure Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 10:00	UN high priority standards Necessity for Standards for vehicles (cars, ebikes, motorized two-wheelers, trucks buses, child protections)	Alejandro Furas (Global NCHP)
10:00 - 11:00	Consumers and NCAP + smart mobility	Alejandro Furas
11:00 - 12:00	TBD	
12:00 - 13:00	LUNCH	
13:00 - 15:00	Safe design for vulnerable road users: Pedestrians, motorized- two-wheelers and cyclists	Haneen Farah (TU Delft) or Attila Borsos (Széchenyi István University)
15:00 - 17:00	Assignment 5: Implications for strategy (incl. feedback )	Students

<b>Day 8: Wednesday September 18th</b> Theme: Measures and effects in the real world Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 10:00	Road safety audits and inspections	Betty van de Wetering (Betty's travels)
10:00 - 11:00	Case study (learning by doing)	Betty van de Wetering (Betty's travels)
11:00 - 12:00	Catering for powered two wheelers and pedestrians in LMIC	Hilda Gomez
12:00 - 13:00	Organizing effective enforcement	Philip Wijers (SENSYS GATSO)
13:00 - 14:00	LUNCH	
14:00 - 15:00	Costs of road crashes and benefits: what to consider, how to apply in LMIC, stratified by level of economic development.	Wim Wijnen (W2 Economics), Hilda Gomez
15:00 - 16:00	Experiences of Managing road safety issues in LMIC: lessons learnt	Hilda Gomez
16:00 - 17:00	Assignment 6: How to use costs and benefits in strategy and how to take advantage of lessons learnt?	Students, Hilda Gomez, Wim Wijnen. SAFETYCUBE cost benefit module

<b>Day 9: Thursday September 19th</b> Theme: Human behaviour and strategy Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 11:00	Human behaviour and behaviour change	Divera Twisk, Marjan Hagenzieker
11:00 - 12:00	Assignment 7: Bring it all together. Make nice presentations.	Divera: summarize key learnings and essential components of the strategy.
12:00 - 13:00	LUNCH	
13:00 - 15:00	Continue assignment 7	Students
15:00 - 17:00	Presentation by groups of 'Road Safety Strategy'. 20 minutes each + 10 minutes discussion.	Students Hilda Gomez, Divera Twisk

<b>Day 10: Friday September 20th</b> Theme: Final presentation Location: TU Delft – Aula – Commissiekamer 3		
09:00 - 13:00	Presentation by groups of 'Road Safety Strategy'. 20 minutes each + 10 minutes discussion.	Students Hilda Gomez, Divera Twisk
13:00 - 14:00	LUNCH	
14:00 - 15:00	Evaluation and closure	Students
18:00	Start evening program	

### Assignments

Assignments are meant to assist the participants to process and apply the information from the lectures. The road safety strategy is used as a blank canvas that is gradually filled and revised as the course progresses. The work on the strategy is done in a 'home group' of XX participants working on XX case countries. In each assignment, students will work in guest groups to discuss the general implications (50% of the assignment time), followed by work in their home group to apply it to the specific strategy (50%).

These group exercises will be structured into subtasks. A point by point summary of relevant presentations will be provided as input.

A list of resources will be made available for deeper exploration of sub topics.