

Title of the whole course:

Traffic Engineering: Development of a traffic safety programme for a small community or neighbourhood

Safety and accident reduction

Name of the Educational Test Site:

Provinciaal Centrum voor Volwassenenonderwijs (PCVO)

Hogeschool voor Verkeerskunde

Universitaire Campus, gebouw E

B-3590 Diepenbeek

Objective of the whole course:

Students should:

- get insight in some definitions about traffic safety, causal factors and the accident process
- get insight in the “cascade” system for improving traffic safety: spatial policy > transport management > traffic management > traffic engineering
- know the different steps of a black spot analysis
- be able to work out a traffic safety programme for a small community or neighbourhood
- be able to work out a black spot analysis

Content of the whole course

- definitions of some traffic safety aspects (risk, internal-external safety, exposition, ...)
- background: traffic safety in Belgium and Europe
- causal factors of traffic accidents
- traffic accident process
- approaches: sustainable safety, Safestar, black spot-analysis
- general approach: the cascade system
- example: Gladsaxe
- exercise: to work out a traffic safety programme for a small community or neighbourhood or a black spot analysis

Which parts of PORTAL (project results) were taken up?

- safestar
- example of Gladsaxe

Which PORTAL material was used?

- example of Gladsaxe

Separate / existing course	existing
Optional / compulsory course	Optional
Name of the corresponding curricula	Traffic engineering
Participants' level	Professionals
Type of input	lecture-workshop
Number of participants	10
Timing	9-1-02/ 6-3-02
Exercises	Homework groupwork, discussion group, design problem, spec. case study
Language	Dutch

Name of the teacher	Joris Willems
- e-mail	onderzoekscel@wanadoo.be joris.willems@pandora.be
- Phone number	+32 11 249200
Website of institution and / or lecturer	NONE
Language of lecturer	Dutch
Fields of expertise	Urban Traffic Management and Restraint