

Smart and Safe Traffic Management

2022



P

LW 1-1

Course aim

Course content

Learning outcomes

Assessment

Course schedule

COURSE AIM

- ✓ ... to provide knowledge about:
 - ✓ traffic safety
 - ✓ principles and priorities of traffic management
 - ✓ best practices from the rest of the world
 - ✓ technical solutions to increase traffic safety

COURSE CONTENT

- ✓ Terminology
- ✓ Basic concepts, policies and priorities
- ✓ Statistics of traffic safety
- ✓ Vision Zero
- ✓ Traffic research
- ✓ Different technical solutions
- ✓ Overview of the collection, analysis and use of data

LEARNING OUTCOMES

- ✓ **Student:**
 - ✓ is aware of the main problems, priorities and strategies of road safety at the national and European level
 - ✓ is familiar with the best practices of different countries in ensuring traffic safety
 - ✓ knows the main technical solutions for increasing traffic safety
 - ✓ is able to offer various solutions for improving traffic management

ASSESSMENT

- ✓ Learning week 4: intermediate test
- ✓ Learning week 8: examination

COURSE SCHEDULE

- ✓ LW1: course introduction
- ✓ LW2: statistics of traffic safety, policies and priorities in different countries
- ✓ LW3: Vision Zero

COURSE SCHEDULE

- ✓ LW 4: methods of traffic research, intermediate test (summary for the first three weeks)
- ✓ LW 5: technical solutions to increase the traffic safety

COURSE SCHEDULE

- ✓ LW 6: collection of data, data analysis
- ✓ LW 7: implementation of data analysis result, data protection
- ✓ LW 8: course summary, examination

Thank you for your attention!

