

DIM-M2S-518 Assistance systems and sensor technology

Syllabus

1. Technology: sensors and sensor integration
 - a) Review of technologies
 - b) Vehicle integration: technical and design constraints
2. Advanced assistance systems:
 - a) Parking assistance and hands-free parking
 - b) Blind spot warning
 - c) Lane keeping
 - d) Assisted Emergency Braking
 - e) Others
3. Assessments of effectiveness of ADAS in the prevention of injuries
 - a. Systems that have been proved to prevent crashes and injuries
 - b. Systems with unknown effectiveness