DRIVES
Development and Research on Innovative
Vocational Education Skills

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FUTURE JOB ROLES

ENGINEERING AND RESEARCH & DEVELOPMENT

ADAS/ADF TESTING AND VALIDATION ENGINEER

Advanced Driver Assistance Systems (ADAS) are an essential part of autonomous vehicles.
The automation of road vehicles and road transport is in a high focus in the last decade and it will be one of the most important development areas in the next years.

The purpose of the job role is to generally have an overview of connected and automated driving. You understand examples for automated in-vehicle functions and also the standardised SAE classification. The ADAS Testing and Validation Engineer knows the development steps: simulation, laboratory, proving ground and public road testing and also the homologation, which has not yet been fully standardised.

The ADAS/ADF testing and validation engineer has a common overview for developing, maintaining, executing, tracking, and reporting the testing and validation processes for ADAS functions. Given the importance of road safety, the effective development requires standardisation.
The job role presents the components of this process to make a "common language" for different engineering areas.

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