Datum
11 februari 2019

Dossiernummer
7671

Referentie
Joint Master's degree of Science in Sustainable Automotive Engineering

DOMEINSPECIFIEKE LEERRESULTATENKADER

Kwalificatie	:	Joint Master's degree of Science in Sustainable Automotive Engineering
Datum validatie	:	11 februari 2019
Studiegebied	:	Industriële Wetenschappen en Technologie (ISCED: 052)

Niveau :

o Vlaamse Kwalificatiestructuur	7
o Codex Hoger Onderwijs	Master
o Europese Hoger Onderwijs Ruimte (Dublin-descriptoren)	2e cyclus
o Europees Kwalificatiekader voor een Leven Lang Leren	7

Domeinspecifieke leerresultaten

1. Students have comprehensive knowledge of automotive engineering that provides the base for the development and/or application of original and innovative ideas in a research or development context.
2. Students apply acquired knowledge and show problem-solving capacities in new or little-known environments within the broader (multidisciplinary) context of the automotive industry.
3. Students integrate knowledge and deal with the complexity of judgement making from incomplete or limited information, including reflections on social and ethical issues and responsibilities without losing grasp on the bigger picture.
4. Students identify, analyze and define the core elements of an automotive problem in detail to meet the defined criteria efficiently and effectively.
5. Students are able to deal with their capacities and limitations, striving to develop and improve their competences required for automotive engineering research and development.
6. Students give a satisfactory response to personal, organizational and social needs and concerns by modifying or introducing new automotive processes and products.

7. Students have economic and social insight (e.g. sustainability) to situate their contribution to a solution for an automotive problem from a broader perspective.
8. Students use strategic and flexible learning strategies as a base for the development and/or application of innovative and original ideas in automotive engineering research and development.
9. Students strife for academic and professional excellence, they are result oriented and focus on the continuous improvement of automotive engineering.
10. Students express their ideas clearly through speech, writing and graphics and communicate fluently adapted to the situation and the audience.
11. Students collaborate actively in order to achieve common goals with other people, disciplines, areas and organizations and they accept social and cultural diversity as enriching.

Basis :

- Gelet op artikel 16, 17 en 18 van het decreet van 30/04/2009 betreffende de kwalificatiestructuur;
- Gelet op artikel II.68 van de Codex Hoger Onderwijs gecodificeerd op 11/10/2013;
- Gelet op het reglement van de Nederlands-Vlaamse Accreditatieorganisatie van 01/02/2011 betreffende de validatie van de gezamenlijke domeinspecifieke leerresultaten van hogeronderwijsopleidingen in de Vlaamse Gemeenschap;
- Gelet op de VLIR/VLHORA-handleiding 2012 betreffende het uitschrijven van domeinspecifieke leerresultatenkaders.