



OUR REFERENCE Course offer in English 2016-2017  
 YOUR REFERENCE  
 LEUVEN 2016-02-16

Tuesday, February 16, 2016

Study offer for incoming exchange students at technology campus De Nayer of the faculty of engineering technology of KU Leuven.

Course offer in English 2016-2017:

Autumn semester 19 September 2016 – 31 January 2017:

Course code	Course title	ECTS
YI1281	Quality tools, Assembly and Manufacturing	3
YI1286	Mechatronics	4
YI6776	Vehicle Propulsion Systems: Theory	2
YI1131	Welding Processes and Equipment 2	6
YI1132	Welding Metallurgy 1 (Carbon and Low-Alloyed steel)	6
YI6509	Welding Metallurgy of high alloyed steel: Theory	6
YI6455	Arcwelding and Cutting processes: Theory	4
YI6458	Arcwelding: Exercises	1
YI6512	Design and Calculation of Welded Structures: Theory	2
YI6514	Design of Steel constructions According EC3: Theory and design exercises	2
	Thesis project	10-20
YR0118	Survival Dutch (Dutch language, conversation, help to get around)	3

Syllabi and course description can be found on:

[https://onderwijsaanbod.kuleuven.be/2015/opleidingen/e/CQ\\_51844711.htm](https://onderwijsaanbod.kuleuven.be/2015/opleidingen/e/CQ_51844711.htm)

<http://www.kuleuven.be/english> in the search window: search for course code. (Note: some English description will be only online after 15 July 2016)

Thesis project (bachelor/master) in study fields: Electronics-ICT, Electro-Mechanics, Civil Construction, Energy, Bio chemistry, Chemistry. Thesis projects will be in the research areas at the campus, topics can be discussed with professors of the research groups.

Following courses are in English in spring semester: 6 February 2017 – 30 June 2017.



Course code	Course title	ECTS
YI0674	Lightweight materials for transport applications	3
YI1285	Advanced manufacturing	3
YI0678	Reliability in mechanical design	3
YI1312	Renewable energy systems	4
YI6584	Combustion techniques: theory	1
YI6169	combustion techniques: laboratory	1
YI6394/6395	Smart Embedded Electronics	3
YI1135	Production engineering and quality management of welded structures	6
YI1136	Corrosion and wear	6
YI6510	Welding metallurgy of non-ferrous metals	3
YI6511	Metallography: laboratory	1
YI6514	Design of pressure vessels according EN and legal environment	1
	Thesis project	10-20
	Cluster Sustainable design of structures:	
	Life-cycle (cost) assessment	1.5
	Stainless steel structures	1.5
	Steel Concrete Composite Structures	3
YR0118	Survival Dutch (Dutch language, conversation, help to get around)	3

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Thesis projects will be in the research areas at the campus, topics can be discussed with professors of the research groups.

Students should apply on:

<http://www.kuleuven.be/english/admissions/exchange/application.html>

(Faculty of Engineering Technology, technology campus De Nayer, Sint Katelijne Waver.)

Dr ing. Peter Arras

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