



training
course dates:

Northern Region
28th Feb - 2nd March

Midlands Region
24th - 26th May

Southern Region
10th - 12th October

Regional Training 2017
Become a certified
electrical safety engineer



CESE – Certified Electrical Safety Engineer – Electricians

Description	The course provides the required legal basics and understanding of standards needed to properly evaluate the functional safety of a machine and to design and calculate safety functions. This is a cooperative course between Wieland and SGS-TÜV Saar covering the safety aspects of machinery and equipment with a focus on electrotechnology.	
Contents	<ul style="list-style-type: none"> • EU directives, laws and standards • Risk assessment according to EN ISO 12100 • Functional safety according to EN ISO 13849-1 and -2 • Safety-related sensor, logic and electricians • Realisation of safety performance level PL • Verification and validation of safety systems 	
Schedule	Course Date: 28th February - 2nd March 2017	Course Location: Northern Region
	Course Date: 24th - 26th May 2017	Course Location: Midlands Region
	Course Date: 10th - 12th October 2017	Course Location: Southern Region
Duration	3 days	
Costs	£ 1200 including TÜV examination and TÜV certificate (VAT additional)	
Target group	<ul style="list-style-type: none"> • Designers • Developers • Maintenance personnel • Safety engineers • Engineers responsible for safety in machine building 	
Requirements	At least 2 years' professional experience in the areas development, construction and maintenance of functional safety systems	
Course size	Max. 12 persons	

CESE

Course booking

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Industrial Automation - technical support

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course