



DIN

Education on standardisation in Europe – Delft (NL) – 17th/18th June 2024

A cross-European student certificate on standardisation

Hermann Behrens (DIN)

17.06.2024



Agenda

1. DIN-lecture “Strategische Normung” (*strategic standardisation*) at Technical University of Berlin
2. A cross-European student certificate on standardisation
 - Desirability of a cross-European certificate
 - Feasibility and next steps
 - Challenges

Organisation of the lecture



ottobock.



Novanta

Guest lectures

In order to gain insights into the application of standards and the involvement of external organisations in the standardisation process, experts from science and industry will share their expert knowledge as guest speakers.

Simulated committee meeting

Assume the role of a standardisation expert and develop your own standard on a defined topic together with your fellow students. Represent one of the stakeholders and try to incorporate their interests into the standard in the best possible way.





Lectures

Divided into 9 thematic blocks, you will learn about the standardisation process at national (DIN), European (CEN) and international (ISO) level, get insights into product conformity, CE marking and quality management, and learn about standardisation as a strategic element in promoting innovation.

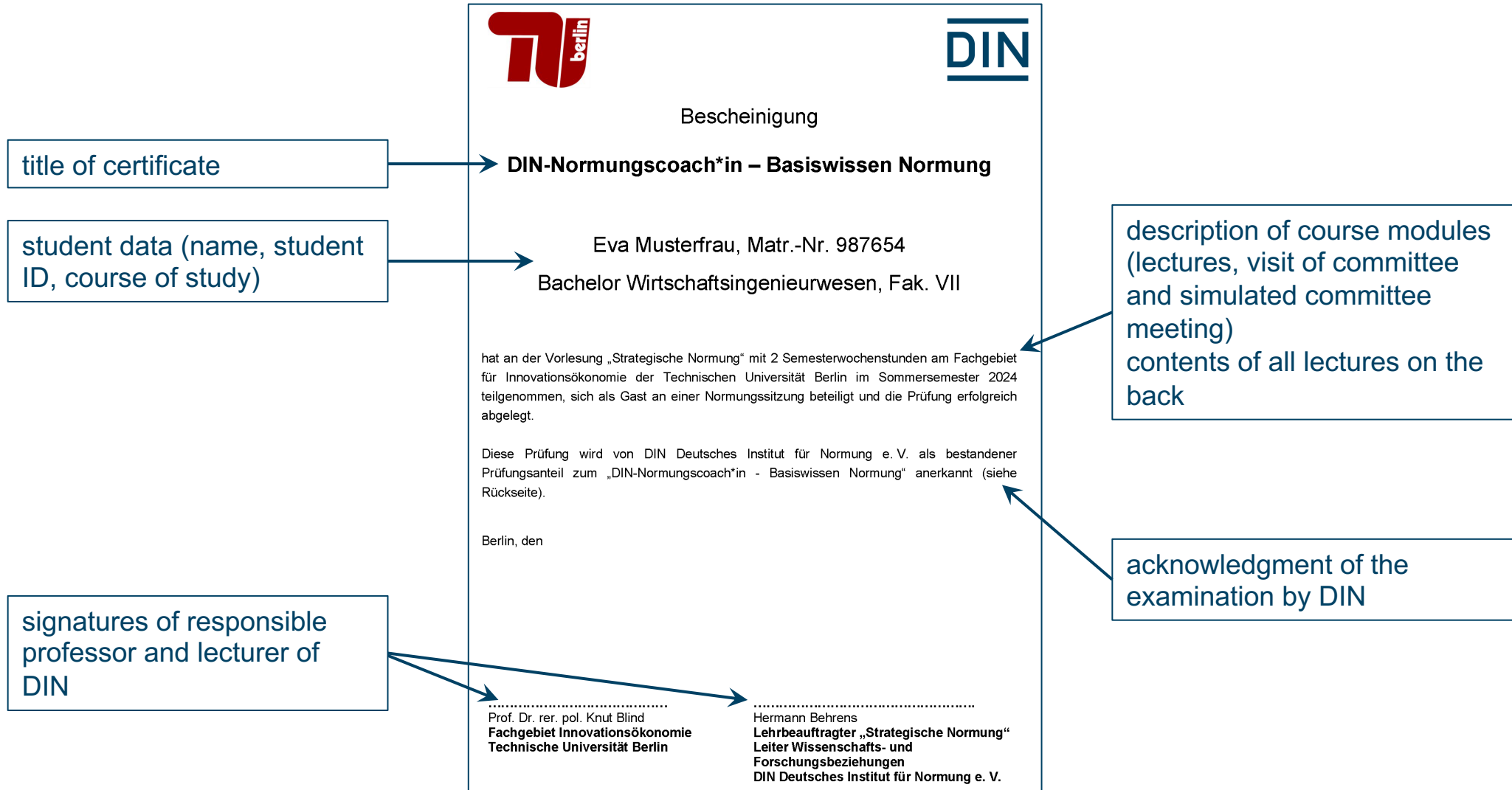
Visit a committee meeting

In order to best grasp the practical relevance of the knowledge acquired in the lecture, you will have the opportunity to attend a DIN/DKE or CEN committee meeting of your choice as a guest.

DIN-certificate “standardisation coach”

			
<p>Bescheinigung</p> <p>DIN-Normungskoach*in – Basiswissen Normung</p> <p>Eva Musterfrau, Matr.-Nr. 987654</p> <p>Bachelor Wirtschaftsingenieurwesen, Fak. VII</p> <p>hat an der Vorlesung „Strategische Normung“ mit 2 Semesterwochenstunden am Fachgebiet für Innovationsökonomie der Technischen Universität Berlin im Sommersemester 2024 teilgenommen, sich als Gast an einer Normungssitzung beteiligt und die Prüfung erfolgreich abgelegt.</p> <p>Diese Prüfung wird von DIN Deutsches Institut für Normung e. V. als bestandener Prüfungsanteil zum „DIN-Normungskoach*in - Basiswissen Normung“ anerkannt (siehe Rückseite).</p> <p>Berlin, den</p> <table border="0" style="width: 100%;"><tr><td style="width: 50%; vertical-align: top;"><p>.....</p><p>Prof. Dr. rer. pol. Knut Blind Fachgebiet Innovationsökonomie Technische Universität Berlin</p></td><td style="width: 50%; vertical-align: top;"><p>.....</p><p>Hermann Behrens Lehrbeauftragter „Strategische Normung“ Leiter Wissenschafts- und Forschungsbeziehungen DIN Deutsches Institut für Normung e. V.</p></td></tr></table>		<p>.....</p> <p>Prof. Dr. rer. pol. Knut Blind Fachgebiet Innovationsökonomie Technische Universität Berlin</p>	<p>.....</p> <p>Hermann Behrens Lehrbeauftragter „Strategische Normung“ Leiter Wissenschafts- und Forschungsbeziehungen DIN Deutsches Institut für Normung e. V.</p>
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DIN-certificate “standardisation coach”



DIN-lecture “Strategische Normung” (*strategic standardisation*) at TU Berlin

Presentation of certificates



Summer term 2023



Winter term 2023-2024

Desirability of a cross-European certificate

for industry:



- graduates have received **standardised education** across Europe
- need for harmonised “minimal level of qualification” that guarantees cross-European **comparability**
- involvement and oversight by CEN/CENELEC or NSBs guarantees **reliable source of information**
- recipients of the certificate are more likely to become **experts in standardisation**



for students:

- “**microcredential**” (additional “reward” besides receiving ECTS-credits)
- **proof of qualification** for future employers

“We at TU Berlin strongly support a common European approach to the creation of a comparable cross-European student certificate on standardisation.”

Christian Schröder,
Vice president for Education, Teacher Training and
Continuing Education of TU Berlin

A cross-European student certificate on standardisation

Feasibility and next steps



setting of criteria (for accreditation) across countries by CEN/CENELEC,

- first proposal of minimal criteria e.g. by STAIR
- review of concept by HLF WS1
- establishing a basis or template for future accreditation activities



coordination of the process by CCMC and national implementation by NSBs



communication with national universities/schools by NSBs about adopting education on standardisation and feedback to CCMC



distribution of certificates by NSBs

- design of a **base template by CCMC** to ensure uniformity + **customisation by respective NSB** and/or university/school

Challenges



during communication with universities and schools

- convincing institutions of the **benefits and value of standardisation**
- willingness of universities and schools to **create new courses** or **modify existing ones**



additional **need for resources** for NSBs due to project coordination

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