

NOTES OF A MEETING OF THE EDUCATION COMMITTEE

HELD ON FRIDAY 4 MAY 2018
FROM 9.00 UNTIL 15.30 IN WARSAW, POLAND

Participants

The participants list is added as Annex 0.1.

1. OPENING OF THE MEETING AND ADOPTION OF THE AGENDA

On behalf of Mark Stocker, who due to personal reasons could not be present, Henning Wergen welcomed all participants and opened the meeting.

All participants introduced themselves.

The agenda was adopted as circulated before the meeting

2. MINUTES OF PREVIOUS MEETING

The minutes of the previous meeting from 21 and 22 September 2017 in Copenhagen, Denmark, were passed unanimously.

3. IAA EDUCATION SYLLABUS

The members of the AAE Education Committee took notice of the minutes from the last meeting of the IAA Education Committee 5 October 2017 in Chicago. All members of the AAE Education Committee were well aware of the passing of the new IAA Education Syllabus by IAA Council.

Several members expressed their disappointment with the high degree of flexibility to cover the IAA Education Syllabus. This seems to be a missed opportunity to position the IAA in a stronger role as global standard setter in actuarial education.

Most associations are working on implementing the new requirements, which especially for university routes might take some time.

4. AAE CORE SYLLABUS

The Terms of References (ToR), as presented by the working group, were accepted unanimously.

Based on the discussion in the last meeting of the AAE Education Committee and the ToR the working group prepared a first draft version of a new AAE Core Syllabus and accompanying guidelines. All attendees discussed the documents in detail and thanked the working group for their effort so far. The following aspects were raised and discussed:

- The working group proposed to not regroup the learning objectives of the IAA Education Syllabus for a new AAE Core Education (esp. the learning areas “Economics”, “Finance”, “Financial Systems” and “Assets”; the working group identified some overlap between several topics and sub-topics) as this would only be a cosmetic change; comparing both

documents would become more complex.

This was unanimously supported by the Education Committee.

- Several learning objectives were added to “Statistics”, “Actuarial Models”, “Actuarial Risk Management” and “Personal and Actuarial Professional Practice”; some classifications in accordance to Bloom’s Taxonomy were changed as well; By these changes the working group aims to clarify some aspects of the syllabus and in addition tries to put some more weight on traditional actuarial competencies (esp. in Non-Life and Reinsurance)
The Education Committee welcomed the additional learning objectives and changes in Bloom’s level.
- In contrast to the first intention in the ToR the working group agreed on keeping “Foundation Mathematics” as an appendix and not put it as an additional learning area into the syllabus. An explicit description of the mathematical foundations in the syllabus would mean that a large number of learning objectives would have to be inserted in order to do justice to the fundamental understanding of an actuarial training in Europe. This understanding was in general supported by the Education Committee.
After a discussion it was agreed to label “Foundation Mathematics” as a pre-requisite rather than an appendix to the syllabus. On the one hand this would help association with a strong regulation to better ensure the mathematical basis and on the other hand would better describe the actuary as a mathematically educated expert. This last aspect should also be clearly visible in the Education Guidelines.
- After discussing this matter the Education Committee agreed that the AAE educational requirements in general need to exceed the current level of the IAA requirements. To achieve this the current paragraph on a needed “Specialisation” will be rephrased into “Advanced Skills / Deeper Studies”. This could then also include leadership or marketing skills as well as very traditional technical skills. The aim is that students need to show deeper knowledge skills in at least one area of personal practise. This should also be visible in the Education Guidelines
- The Education Committee would welcome some additional information in the Education Guidelines with regard to ECTS / hours expectations of the learning areas. Such a definition of a workload / study time would only be used as a guide and not as a strict recommendation. The members of the Education Committee understood the difficulty of this task. Therefore a minimum per learning area or a global guidance for the whole syllabus could be a solution for a reasonable indication for university based systems.

The working group thanked the members of the Education Committee for their input and will try to draft the next versions of guidelines and syllabus as soon as possible.

5. **ECA 2019**

Esko Kivisaari and Henning Wergen informed the Education Committee that the next European Congress of Actuaries will take place on 6 / 7 June 2019 in Lisbon. The Board of the AAE has decided on a structure to organise the congress, including a Programme Committee (PC).

The PC shall be chaired by the chairman of the Education Committee and be composed of members of the Education Committee.

The following members agreed to support the Programme Committee: Mercé Claramunt, Janne Kaippio, Rafael Moreno Ruiz, Marjon Tjia and Henning Wergen

As they were not present Henning Wergen will contact Yvonne Lynch and Ermanno Pitacco about their availability to join the Programme Committee for the ECA 2019.

6. **APPLICATION FOR FULL MEMBERSHIP FROM ACTUARIAL SOCIETY OF TURKEY**

Cenk Yalcin, member of the board of the Actuarial Society of Turkey (AST), presented their concept to include a specialisation into their national education requirements starting in 2019.

The proposal includes three different tracks (Non-Life/Health, ERM and Life/Pensions) with eight hours of online learning and an online multiple-choice examination afterwards.

Also based on the feedback from Eugenija Bieliauskienė and Henning Wergen, who on behalf of the Education Committee took the task to support the AST in their application process, the Education Committee asked for further information on the intended depths of education and examination. As the specialisation intends to provide a deeper understanding this is needed to fulfil the AAE education requirements.

The AST will provide some model exam question such that a valuation of intended level will be able for the Education Committee.

7. **CERA – GLOBAL DESIGNATION ENTERPRISE RISK MANAGEMENT**

A short report on the current activities of the CERA Global Association (CGA) was given.

Col.legi d'Actuaris de Catalunya and Instituto des Actuarios Españoles received Award Signatory Status, Den Norske Aktuarforening became Acceding Party and is now working on the application to also become Award Signatory. All three associations use the EAA as Education Provider. The first Finnish actuary has completed the CERA training and received the credential.

8. **CERTIFIED ACTUARIAL ANALYST**

A short report was given by Clifford Friend on the current developments on the para-actuarial qualification.

Numbers of examinees are growing fast throughout the world and also especially in Europe. CAA Global, a joint venture of IFoA and SOA, is looking for national associations to offer the qualification to their market as well as potential shareholders.

9. **COMMITTEE OBJECTIVES AND REVIEW OF TERMS OF REFERENCE**

The Education Committee acknowledged the shared ToR for the committee without further discussion.

An updated version of the ToR and the committee objectives should be prepared for the next meeting in autumn.

10. **EDUCATION COMMITTEE STRUCTURE**

The members of the committee took notice of the structure as shared before the meeting. The Programme Committee for the ECA 2019 will be added to the document.

On behalf of the AAE Board Esko Kivisaari explained that all committees should appoint a vice-chair to support the committee chair and secure the capacity to act. It was agreed that a vice-chair should be appointed after the next General Assembly of the AAE when a new chair of the committee will be determined.

11. YEARLY PLAN AAE EDUCATION COMMITTEE

As planned, a working group is currently formulating a proposal for a new AAE Core Syllabus (see item 4.).

12. OTHER ORGANISATIONS

IAA Education Committee

Members of the AAE Education Committee discussed the new direction of the IAA Education Committee. It is planned to further establish the IAA Education Committee as a platform for discussion and sharing best practices.

EAA

The participants received an update on the activities of the European Actuarial Academy regarding CPD events and potential CERA cooperation. A written report was shared before the meeting.

ICA 2018

Henning Wergen informed the Education Committee that over 2,600 actuaries will participate in the ICA 2018. The call-for-papers has also created a high number of submissions, such that not all interesting proposals could be put into the congress program. Therefore over 50 presentations will be given through the first Virtual ICA (VICA) on an internet-based stand-alone platform. This platform will also be used to broadcast live from eight different plenaries throughout the congress. All members of several IAA Sections (AFIR/ERM, ASTIN, IAALS, IACA) will have free access to the VICA.

At the ICA there will be three sessions on the subject of education, focusing on activities for next-generation actuaries, actuarial education programmes and national CPD requirements.

13. INFORMATION EXCHANGE

All participants reported on their national activities.

Catalonia: A written note, focussing on activities in education, activities for the actuarial function, CPD and CERA, has been shared before the meeting.

Romania: Gelu Ruptureanu reported that an election for the board of Asociata Romana de Actuarat had taken place and the responsibility for education matters will change to a new board member.

France: Institut des Actuaire (IdA) is still offering the CERA credential and a data science qualification on a yearly basis. Both programmes just started recently. IdA has also designed a programme for members of management (actuaries and non-actuaries) to further promote actuarial knowledge in decision-making roles.

Austria: It was reported that the Aktuarvereinigung Österreichs (AVÖ) is planning to introduce a second category of membership. The two categories will have a different entry levels (bachelor

in mathematics vs. master in mathematics) and a different breadth and depth in the actuarial education.

Hungary: At the university of Budapest a master can be done in either quantitative finance or in actuarial science. The demand for actuarial expertise from companies is very high and the number of graduates does not match this need. Therefore the association is currently looking into possibilities to attract more students.

The Netherlands: Het Koninklijk Actuarieel Genootschap is currently working on a new output based CPD system.

Norway: As many others Den Norske Aktuarforening has a mandatory CPD system with an observation period of three years. The first three-year period ended in 2017, the association is therefore initiating disciplinary actions toward members not fulfilling the requirements.

Spain: It was reported that the Instituto de Actuarios Españoles has introduced its first CPD system. As the profession is strongly regulated by the government the system offers a certificate for members fulfilling the requirements on a voluntary basis.

Switzerland: As the number of new students has decreased significantly the association is looking into possible activities with companies and universities to again increase the number.

UK: It was reported that the current sitting records 16,000 examinations taking place. Especially in India a huge growth can be observed. Furthermore, the association is working on its curriculum 2019 which will completely fulfil the new IAA requirements on associate level. It is planned to reposition the Associate level as Chartered Actuary. Also, a proposal for a new life-long-learning strategy is currently in discussion.

As mentioned earlier, the IFoA is promoting a three-tier-system for actuarial qualifications, starting with the CAA, followed by the Associate / Chartered Actuary and the Fellow. Within this framework – which is strongly supported by employers – the IFoA tries to further strengthen the reputation of the Associate Level / Chartered Actuary.

Belgium: The Belgian association is currently looking into ways to set up a training programme for actuarial function holders.

Finland: The Finnish association has awarded its first member with the CERA credential.

Germany: The Deutsche Aktuarvereinigung (DAV) has launched its new education scheme, which fulfils the IAA requirements in the basic education section, starting 1 January 2018. The support from companies and new students is very high. Currently a discussion with members is taking place whether a second membership category (on Associate level) is favoured.

The board of the DAV has decided to launch a Data Scientist credential which can be obtained by members as CPD or by non-actuaries in the insurance industry as a stand-alone certificate respectively.

For the first time around a dozen members received disciplinary measures due to not fulfilling their CPD requirements.

14. **ANY OTHER BUSINESS**

No further points were raised.

15. **DATE AND PLACE OF NEXT MEETING**

The next meeting of the Education Committee will take place in Utrecht, The Netherlands, on Thursday 20 September 2018 at the invitation of Het Koninklijk Actuarieel Genootschap, in conjunction with the 41st Annual Meeting of the AAE.

Annex 0.1: Participants

	Delegates	
1	Christian Buchta	Aktuarvereinigung Österreichs
2	Guy Roelandt	IA BE
3	Janne Kaippio	Suomen Aktuaariyhdistys
4	Régis de Laroullière	Institut des Actuaire
5	Henning Wergen	Deutsche Aktuarvereinigung
6	Erszebet Kovacs	Magyar Aktuárius Társaság
7	Marjon Tjia	Het Koninklijk Genootschap
8	Patrick Kakunze	Den Norske Aktuarforening
9	Gelu Ruptureanu	Asociata Romana de Actuarat
10	Rafael Moreno Ruiz	Instituto de Actuarios Españoles
11	Mercè Claramunt	Col.legi d'Actuaris de Catalunya
12	Olivier Steiger	Association Suisse des Actuaire
	Observers	
14	Clifford Friend	Institute and Faculty of Actuaries
15	Cank Yalcin	Actuarial Society of Turkey
16	Jacek Skwierczynski	Polskie Stowarzyszenie Aktuariuszy