Quality assurance of education and learning

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Basedon Tapani Vuorinen (2019)



- Mission of the universities
 - To promote free research and academic and artistic education
 - To provide higher education based on research
 - To educate students to serve their country and humanity
- In carrying ot their mission, the universities must
 - Promote lifelong learning
 - Interact with the surrounding society
 - Promote the impact of research findings and artistic activities on society



- The universities must arrange their activities so as
 - To assure a high international standard in research, education and teaching
 - In conformity with ethical principles and good scientific practices
- Membership in the university community
 - The university community comprises the teaching and research personnel, other staff and students

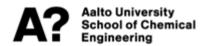


Code of Conduct in Aalto University community – the members agree to:

- Act honestly and with integrity
- Respect others regardless of their background
- Foster open discourse and the free exchange of ideas
- Mutual trust
- Actively care for the safety and well-being of others
- Respect private, shared and university property
- Use the physical facilities of the university for their intended purposes
- React to any violations in a manner appropriate to their position and duties



- Organs of a foundation university
 - Board strategy and far-reaching plans
 - Rector (in Aalto President) operational leader, responsible for the economical, efficient and effective discharge of the university mission
 - Multi-member administrative body (Aalto Academic Affairs Committee) – decides on academic issues on university level
 - Other organs



20.9.2021

- Organisation of teaching and research
 - Faculties or other comparable units (in Aalto: Schools)
 - Faculty level multi-member administrative body (in Aalto Schools: School Academic Affairs Committee)
 - Boards of examiners or other comparable units (in Aalto Schools: Degree Programme Committee(s), Doctoral Programme Committee)
 - Director of the unit (in Aalto Schools: Dean)



20.9.2021

- University personnel
 - Professors shall
 - Carry out and supervise scientific work
 - *Give education based on it*
 - Follow developments in science
 - Participate in societal interaction and international collaboration in his/her field
 - Other teaching and research staff
 - Other personnel to execute other tasks



20.9.2021

- Academic year
 - Begins on August 1st and ends on July 31rd
- Normative duration of studies
 - Three academic years for Bachelor's degree
 - Two academic years for Master's degree
- The university must arrange teaching and study guidance so as
 - To enable full-time students to gain their degrees in the normative duration of studies



Objective-setting of the university

- Fixed-term agreement with the Ministry of Education and Culture (MEC) on KPIs (key performance indicators):
 - Quantitative and qualitative targets of pivotal relevance to education and science policy
 - Monitoring and evaluation of their implementation in the university

Allocation of government funding

 Based on the extent, quality and effectiveness of the operations and other education and science policy objectives in the university



Monitoring and reporting

• The universities must provide MEC with data necessary for the evaluation, development, statistics and other monitoring and steering of education and research in a manner determined by MEC



Evaluation

- The universities must evaluate their education, research and artistic activities and the impact thereof.
- The universities shall also take part in external evaluation of their activities and quality assurance systems on a regular basis.
- The universities must publish the findings of the evaluations they undertake
- Attached to MEC is an independent expert body called the Higher Education Evaluation Council



Teaching and learning evaluation exercise, TEE 2020

- TEE 2020 identifies needs for future development in education, and make visible and evaluate the achievements (previous TEE 2011)
- TEE 2020 serves as a means for supporting the strategic development of education at all degree levels
- TEE 2020 observations will be taken into account in the curricula revision for 2022-2024
- Focus areas (alignment with the strategic targets in education):
 - Programme (portfolio) management
 - Anticipation of the future of work and knowledge requirements
 - Competence accumulation in the degree programmes
 - Ways of implementing multidisciplinarity in education
 - Fluency in studies



Feedback system in Aalto CHEM



Formal bodies in Aalto CHEM's feedback process

- Degree Programme Committee
 - Professors, teachers, students
 - Development actions of B.Sc. and M.Sc. programmes, quality assurance of teaching, processing of student feedback
- Management Team
 - School + department management, students
 - Annual review of KPIs, feedback surveys, etc.



Formal bodies in Aalto CHEM's feedback process

- (International) Scientific Advisory Group
 - Provides feedback on school's plans, functions and performance
- External Stakeholder Group
 - Education policy representatives of industrial federations and professional associations
 - Provides systematic feedback on education and educational programmes



Means to collect and process feedback

- Informal feedback during teaching events
- Academic advising discussions
- Electronic course feedback system
- Semestral feedback events
 - Feedback from/to students and teachers twice a study year



Means to collect and process feedback

- Teachers' Room& "virtual coffee" events
 - Teachers' feedback + topical discussions for development of teaching and curriculum relative to its learning outcomes and feedback from various sources
 - Discussion on teachers' wellfare
- Annual programme reviews
 - Workshop type self-assesment of educational programmes by programme managers, teachers, students and learning services
 - Identification of main development needs



Means to collect and process feedback

- Informal discussions with student association and guilds
 - School's agreement with the association and the guilds
- Meetings with health care and study psychology services
 - General feedback on wellfare, workload and transferable skills development
- Career forums
 - Employer feedback on transferable skills development
- Graduate feedback surveys



Course feedback summary

- By responsible teacher of the course
- Concise summary on all feedback
 - Electronic + other feedback from students
 - Numeric evaluation + main observations
- Actions as response to the feedback
 - Proposal for changes to curriculum and teaching arrangements
- Visibility to
 - Students of the course
 - Programme manager/head of the major

