

Engineering Studies Committee

Wednesday 27 May 2015
3.00pm
Billiard Room, 58 Prince's Gate
South Kensington Campus

Minutes

Present: Professor O Matar (Chair), Dr L Craig, Dr M Bluck, Mr J Fernando, Dr K Fobelets, Dr C Ford, Dr E Hauke, Dr A Horsfield, Professor P Lindstedt, Dr P McBrien, Dr R Palacios Nieto, Dr A Phillips, Dr L Picinali, Dr P Power, Dr M Tang, Professor N Thornhill

In attendance: Mr E McEvoy

Apologies: Professor R Jardine, Dr M Jones, Mr P Loose, Professor D Wright

Agenda Item

1 Minutes

1.1 The Minutes of the last meeting held on 11 March 2015 were confirmed. **[Paper A]**.

2 Matters Arising

2.1 Chair asked the committee for any matters arising not dealt with elsewhere in the agenda.

3 Chair's Action

3.1 The Committee discussed timetabling issues and software.

3.1.1 The Chair is continuing to communicate problems to Vice Provost (Education).

4 Modifications to Undergraduate Programmes

4.1 Aeronautics

4.1.1 The Committee approved a new elective module proposal AE3-421 Advanced Manufacturing to be delivered on programmes H401, H410 and H420. **[Paper B&C]**.

4.1.2 The Committee considered a new module proposal AE3-322 High Performance Computing to be delivered on programmes H401, H410 and H420.

The panel discussed potential difficulties for students in studying C++ and Python on the same module. **[Paper D&E]**

ACTION: The Chair asked the course instructors to note the panel's concerns before proceeding.

4.2 Chemical Engineering

4.2.1 The Committee approved a new course module proposal CE1-08 Business Ethics for Chemical Engineers to be delivered on programmes H801, H802 and H890. **[Paper F&G]**.

4.3 Electrical and Electronic Engineering

4.3.1 The Committee noted a new elective module proposal EE4.TBC Mobile Healthcare and Machine Learning to be delivered on programmes H604 and GH56. **[Paper H]**.

4.3.2 The Committee welcomed the re-start of module EE4-64 Human Centred Robotics in the 2015-16 academic session.

4.3.3 The Committee noted that assessment has changed from coursework and exams to coursework only for the following modules in Electrical and Electronic Engineering and Electronic and Information Engineering: EE2-218 Computer Architecture, EE2-19 Algorithms and Data Structures, and EE1-7 Software Engineering.

4.4 Materials

4.4.1 The Committee noted the introduction of two new courses for the 2015/16 academic session: MSE 206 Process Principles and MSE 319 Process Principles.

4.5 Mechanical Engineering

4.5.1 The Committee approved the renewal of an exchange agreement with the University of Sydney, Australia. **[Paper Q]**.

5 Survey Results

5.1 The Committee considered the survey results for UG SOLE Lecturer/Module results for Spring 2015. **[Paper I]**. The feedback was positive although a lower participation rate in the spring term was noted.

6 Arrangements for Considering Undergraduate External Examiner Reports

6.1 The Committee noted the revisions to the procedure for considering external examiner reports, to take place with immediate effect. **[Paper J]**.

6.2 The Committee requested clarification of DUGS' role in the procedure.

ACTION: The Secretary will liaise with the Senior Academic Registrar (Senate and Academic Review).

- 7** **Summary of External Examiner Reports on Undergraduate Programmes in 2013-14**
- 7.1 The Committee considered the themes and issues identified and agreed that there should be central guidelines on good practice. **[Paper K]**.
- ACTION:** Paper K to be sent to the Faculty Teaching Committee (FTC) for action.
- 8** **Appointment of External Examiners 2015-16**
- 8.1 The Committee approved the nomination of the external examiner listed. **[Paper L]**.
- 8.2 The Committee noted an early appointment for the 2015-16 academic year to cover the new MEng Design Engineering programme commencing in October 2015.
- 9** **External Examiners due to be replaced for the 2015-16 academic year**
- 9.1 The Committee noted the list of External Examiners due to complete the maximum 4 year term of office at the end of the 2014-15 academic year. Departments are encouraged to identify replacements at the earliest opportunity. **[Paper M]**.
- 10** **Senate Executive Summary**
- 10.1 The Committee noted the Executive Summary of the Senate meeting on 25 February 2015. **[Paper N]**.
- 11** **QAEC Executive Summary**
- 11.1 The Committee noted the report to Senate by the Quality Assurance and Enhancement Committee. **[Paper O]**.
- 12** **Medical Studies Committee Executive Summary**
- 12.1 The Committee noted the report by the Medical Studies Committee. **[Paper P]**.
- 13** **Annual Report on Degree Classifications**
- 13.1 The Committee noted the annual report on degree classifications by department. **[Paper R]**.
- 14** **Undergraduate Failure Rates 2013-14**
- 14.1 The Committee noted the annual report on undergraduate failure rates by department. **[Paper S]**.
- 14.2 The panel requested additional statistics on students who failed Year 1, passed Year 1 re-sits, and then failed Year 2.
- ACTION:** The Secretary will liaise with the Data Quality Officer (HESA and Student Data).

15 Dates of Next Meetings

Wednesday 11 November 2015

Wednesday 9 March 2016

Wednesday 25 May 2016

15 Any other business

15.1 Chemical Engineering requested further information on French and Spanish placements and internship agreements.

ACTION: Referred to the Assistant Registrar (Placements).

15.2 The Committee thanked Professor O Matar for his work as Chair and welcomed Dr L Craig as the new Chair.