



Minutes of the Departmental Council Meeting on October 14, 2020 (20/21 – 3)

Present: I. Aybay (Chair), Y. Bitirim (Vice Chair), M. Güler, E. Varoğlu, H. Kömürçügil, A. Acan, Z. Bayram, M. Bodur, A. Chefranov, D.Ç. Ertuğrul, G. Öz, M. Salamah, Ö. Toygar, C. Ergün, A. Ünveren.

On Leave: H. Altınçay, D. Arifler, O. Ramadan, Begüm Koru (Assistant Representative).

The Computer Engineering Department Faculty met on October 14, 2020 at 14:30 in CMPE Amphi and discussed the following issues:

I. Artificial Intelligence Engineering Program Proposal Including the 3rd and 4th Years by Curriculum Committee

The latest Artificial Intelligence Engineering Program Proposal (Attachment I) including the 3rd and 4th year courses, suggested by the Curriculum Committee has been discussed in the Departmental Council and the proposal has been approved unanimously (13 accept, 2 abstain (Dr. A. Acan, Dr. C. Ergün)).

II. ABET Evaluation Committee Report Issues

ABET Evaluation Committee Report issues for the 2018/2019 Academic Year were reminded by ABET Committee Chair (Dr. Z. Bayram). The report is modified (Attachment II) and is approved unanimously. Instructors of the related courses mentioned in the report should send the modifications for the next semester to the ABET Committee chair.

Prof. Dr. Işık AYBAY
(Chairman)

Assoc. Prof. Dr. Yıldıran BİTİRİM
(Vice Chairman)

Prof. Dr. Marifi GÜLER

Prof. Dr. Hasan KÖMÜRÇÜGİL

Attachment - II

Departmental Council Decision (20/21-03 – II)

addressing the issues raised in the Evaluation Committee report on ABET related issues for the 2018-2019 Academic Year

Student outcome evaluation: There is a relative weakness in the achievement of student outcome 1 (an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics) in the computer engineering program (65% success according to direct measurement, 2.52/4.00 weighted grade average over all evaluated courses). These can be traced to the courses CMPE226 (52% success according to direct measurement and 2.27/4.00 class grade average) and CMPE412 (58% success according to direct measurement and 2.47/4.00 class grade average). It is recommended that instructors of these courses employ pedagogical strategies, such as having tutoring sessions for weak students, solving more examples in class, assigning more projects to solve real-life engineering tasks and others as appropriate, in order to improve this outcome. This outcome also was the weakest in the software engineering program (using corrected data, %77 success according to direct measurement, 2.91/4.00 weighted grade average over all evaluated courses), traceable to CMSE423 and CMSE231 (previously taught as CMPE courses). Since CMSE231 is only a second year course, it makes sense to try to improve this outcome in CMSE423.

Exit survey evaluation: Results are favorable and require no action.

Alumni survey evaluation: There are no suggestions of PEOs and the current PEO's of both the software and computer engineering programs have been deemed important. No action is required.

Industrial advisory board meeting and alumni survey: There are no suggestions of new PEOs. Including topics such as cloud computing, forensic computing and web services into the context of new and existing courses was suggested. (CMPE 344, CMPE342, CMSE346, CMSE342).

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