



To: Professor Hassan Hamdan Al Alkim, President

From: Prof. Stephen Wilhite, Provost

Re: Academic Council Actions AY 2021- 2022 / MTG 5

Date: 15 December, 2021

The Fifth Academic Council Meeting was held on 15 December 2021 at 1:00 pm through Microsoft Teams due to application of precautionary measures to limit the spread of COVID-19. The main purpose of this meeting was to approve curriculum changes and to consider the General Education Committee request which was endorsed with amendment by the Provost's Council earlier.

The Chair and six other members attended the meeting. Dr. Maxime was invited to attend this meeting in place of Prof. Jyoti who left AURAK, but he was not able to join due to other commitments.

The Provost applied the motion procedure in considering all of the agenda items.

At its meeting of 15 December, 2021 the AURAK Academic Council took the following actions, which I hereby submit for your consideration:

AY 21-22.5.1 Welcome

- The meeting started at 12:00 pm with welcome remarks made by the Provost.
- The Provost welcomed the new Registrar on board and he wished him a successful journey

AY 21-22.5.2 Minutes and Actions from Previous Meeting:

- This topic has been tabled for the next meeting

AY 21-22. 5.3 Curriculum Items:

- Given that all changes below have been approved by University Curriculum Committee.

Undergraduate Programs

- **The Academic Council approved all curriculum changes submitted by the University Curriculum Committee as listed below:**

I. School of Arts and Sciences:

- ❖ Change in Existing Courses:



- Changes in the credit hours from 4 to 3 for the following courses, with implementation in Fall 2022
 - ✓ MATH 111
 - ✓ MATH 113
 - ✓ MATH 114

Rationale: Given the CAA Requirements that have resulted in the addition of a second internship course, this reduction in credit hours will help in limiting the increase in total credits required in Engineering program. This change will help in transferring of 3 credit hour mathematics courses from other institutions.

- The MATH 225 CLOs modification was removed from consideration since the CAA did not approved the proposed CLOs.

II. School of Engineering:

❖ New Courses Creation:

- ✓ ARCH 390 Internship I – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ ARCH 391 Internship II – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ CSAI 390 Internship I – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ CSAI 391 Internship II – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ CSCI 390 Internship I – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ CSCI 391 Internship II – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ INDS 390 Internship I – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)
- ✓ INDS 391 Internship II – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)



- ✓ ENGR 391 Internship II – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)

Rationale: Internship courses are delineated into program specific internship courses to facilitate assessment of the contribution of the internship to PLOs for each program in the School of Engineering. The changes are in response to feedback from multiple CAA ERTs.

With the new CAA for 16 weeks of internship, two internship courses per program hves been created.

- The Internship duration of 16 weeks will be applicable for all student who entered Fall 2021 and onward although no changes in the catalog is required now because we have the following language in the catalog:

“For students beginning their program of study at AURAK in Fall 2021, please be aware that the Ministry of Education is requiring all program to incorporate into their curriculum an internship experience of 16 weeks in duration. Therefore, the study plan for this program will be modified soon to accommodate this requirement. As soon as these changes are made, students enrolled in the program will be notified.”

❖ Change in Existing Courses:

- ✓ ENGR 390 Internship I – 3 semester credit hours – 8 weeks – (0 lecture, 0 lab, 30-40 internship)

Rationale: in order to meet the CAA requirements to have 16 week of internship experience for each program, ENGR 390 must be 8 weeks in duration.

ENGR 390 and ENGR 391 will be required for the following undergraduate programs:



- Chemical Engineering,
- Civil and Infrastructure Engineering,
- Computer Engineering,
- Electrical and Electronics Engineering,
- Electrical Engineering,
- Electronics and Communications Engineering,
- Industrial Engineering,
- Mechanical Engineering,
- Petroleum Engineering.

✓ Course Prerequisites for ENGR 399

ENGR 399 Undergraduate Research Project – 3 semester credit hours – 16 weeks – (0 lecture, 9 lab, 0 internship)

Rationale: To simplify the process for students to register for this course without obtaining approval, the course prerequisites are changed from “a minimum of 90 credit hours, 3.0 CGPA, and Department Chair approval” to “a minimum of 90 credit hours and 2.7 CGPA.

❖ Programs' Modifications: (Program Credit Hour Changes)

- ✓ Artificial Intelligence – Change of credit hours from 127 to 128 credit hours
- ✓ Chemical Engineering – Increase from 132 to 133 credit hours
- ✓ Computer Engineering – Increase from 131 to 132 credit hours
- ✓ Computer Science – Change of credit hours from 126 to 127 credit hours
- ✓ Civil & Infrastructure Engineering – Increase from 133 to 134 credit hours
- ✓ Computer Engineering – Increase from 131 to 132 credit hours
- ✓ Electrical & Electronics Engineering – Increase from 134 to 135 credit hours
- ✓ Industrial Engineering – Increase from 133 to 134 credit hours
- ✓ Interior Design – Change of credit hours from 129 to 132 credit hours
- ✓ Mechanical Engineering – Increase from 133 to 134 credit hours
- ✓ Petroleum Engineering – Increase from 132 to 133 credit hours



Rationale: In order to meet the CAA internship requirements, by having two internship courses, and to take into account other adjustments (such as change in credits for some Math courses), the total credit hours required for these programs have to be changed.

Graduate Programs:

➤ The Academic Council approved the revised curriculum changes submitted by the University Curriculum Committee

- I. School of Arts and Sciences – two graduate courses, EDUC 680 and EDUC 695:
 - Course Title
 - CLOs to meet QF Emirates Level 9 expectations with one modification to CLO No. 4, to read as follows: “ Present and defend findings from original research in a public research presentation to their peers, faculty, and the community” for the following existing courses:
 - ✓ EDUC 680 Applied Research I - 3 semester credit hours – 16 weeks - (3 lec, 0 lab, 0 internship)
 - ✓ EDUC 695 Applied Research II - 3 semester credit hours – 16 weeks - (3 lec, 0 lab, 0 internship)

Rationale: to meet the MOE research component expectations for Graduate Programs.

(Please find folder 2 which contains the Curriculum Committee Memo and relevant forms)

AY 21-22. 5.4 General Education:

- ✓ Course Substitutions Across Knowledge Domains
- ✓ Changing CLOs in GE Courses
- This topic has been tabled for the next meeting.

AY21-22. 2.10 Any other relevant business

- The Registrar will send all Programs’ Courses to be checked by the school to make sure that what is existing in the system is consistent with approvals at the school and university levels.
- The last checking of all Programs’ Courses will be done by Chief Strategy and Excellence Officer and Institutional Research Manager to ensure consistency with Program Specifications.

The meeting was adjourned at 2:30 pm. The minutes of meeting will be sent soon.