

**UNIVERSITY ELECTIVE COURSES SELF ASSESSMENT REPORT
(SAR)**

ACADEMIC SESSION: SEM 1 2019/2020

Type of courses (MPU/ University Compulsory Courses)	UNIVERSITY ELECTIVE COURSES (KNU)
Faculty (if relevant)	FACULTY OF ENGINEERING

Instructions: For each of the following **Areas of Evaluation**, briefly discuss the implementation of the course with regards to the followings:

- a) Strengths:
- b) Strategies for Maintaining and Enhancing Strengths:
- c) Areas of Concern that Need to be Addressed:
- d) Steps Taken to Address Problem Areas:
- e) Conclusions and Recommendations for Improvement:

(Where applicable, include supporting documents as appendices)

Note: Refer to the STANDARDS for each area in the Code of Practice for Program Accreditation (MQA - COPPA).

AREA 1: COURSE DEVELOPMENT AND DELIVERY

- a) Strengths:

There are four University Electives (Course Code: KNU) offerings from Faculty of Engineering UNIMAS in Semester 01 2019/2020:

- (1) KNU1013 Introduction to Green Technology
- (2) KNU1093 Water Resources in Community Development
- (3) KNU1063 Fundamentals to Green Building
- (4) KNU1073 Introduction to Solar Photovoltaic System

Most of these courses introduce fundamentals in green energy technologies and environmental issues which may furnish non-engineering students with basic concerns in the energy ecosystem and relate these to their own field of studies.

- b) Strategies for Maintaining and Enhancing Strengths:

Since the courses are aimed for non-engineering students, the fundamentals and concepts introduced in the courses should be kept basic yet interesting to the students.

c) Areas of Concern that Need to be Addressed:

Not all courses achieved Blended Learning and adherence to the set timelines for vetting of assessments, submission of course files can be further improved.

d) Steps Taken to Address Problem Areas:

Closer monitoring and set timelines are much needed to ensure that schedules for vetting of assessments, submission of course files and audit.

e) Conclusions and Recommendations for Improvement:

AREA 2: ASSESSMENT OF STUDENT LEARNING

a) Strengths:

Assessments of student learning are achieved via assignments, tests and final examinations. The monitoring of the achievements is carried out via myMark and ULEARN system developed by CITDS UNIMAS whereby the Course Learning Outcomes performance analysis are conducted.

b) Strategies for Maintaining and Enhancing Strengths:

None

c) Areas of Concern that Need to be Addressed:

None

d) Steps Taken to Address Problem Areas:

None

e) Conclusions and Recommendations for Improvement:

AREA 3: SUPPORT SERVICES

a) Strengths:

The facilities for teaching and learning environment is conducive as these are maintained by CALM UNIMAS such as CTFs seminar rooms.

b) Strategies for Maintaining and Enhancing Strengths:

Not applicable

c) Areas of Concern that Need to be Addressed:

Not applicable

d) Steps Taken to Address Problem Areas:

Not applicable

e) Conclusions and Recommendations for Improvement:

Not applicable

AREA 4: ACADEMIC STAFF

a) Strengths:

The courses are delivered by engineering lecturers with deep knowledge in the subject of study.

b) Strategies for Maintaining and Enhancing Strengths:

To retain the offerings of these courses to be delivered by lecturers who are experts in the field.

c) Areas of Concern that Need to be Addressed:

Some of the lecturers are very senior lecturers whom may find the deliveries (such as Blended Learning) a challenge.

d) Steps Taken to Address Problem Areas:

To have the courses to be shared with younger lecturers whom are more technology-savvy.

e) Conclusions and Recommendations for Improvement:

AREA 5: EDUCATIONAL RESOURCES

a) Strengths:

The course materials are uploaded in the UNIMAS online elearning portal eLEAPs and further reference materials are available in the Center for Academic Information Services (CAIS).

b) Strategies for Maintaining and Enhancing Strengths:

To ensure that all references can be found in CAIS and update the materials to keep up with the relevancy and currency of the subject area.

c) Areas of Concern that Need to be Addressed:

None

d) Steps Taken to Address Problem Areas:

None

e) Conclusions and Recommendations for Improvement:

AREA 6: COURSE MANAGEMENT

a) Strengths:

The courses are conducted in Faculty of Engineering UNIMAS and all course materials are uploaded in UNIMAS online e-learning portal eLEAPs. In terms of course management, a KNU Coordinator is appointed at the Faculty level to ensure all course files are compiled. The vetting of assessments is also coordinated by the KNU Coordinator.

b) Strategies for Maintaining and Enhancing Strengths:

None.

c) Areas of Concern that Need to be Addressed:

Full cooperation and commitment from the lecturers appointed to teach these courses are highly required.

d) Steps Taken to Address Problem Areas:

Close monitoring and adherence to set timelines for submission of course files and vetting of assessments.

e) Conclusions and Recommendations for Improvement:

AREA 7: COURSE MONITORING, REVIEW AND CONTINUAL QUALITY IMPROVEMENT

a) Strengths:

A KNU Coordinator is appointed to help coordinate the submission of course files and vetting of assessments for KNU courses.

b) Strategies for Maintaining and Enhancing Strengths:

None.

c) Areas of Concern that Need to be Addressed:

Currently the KNU courses are not monitored in terms of its contents and deliverables by External Examiners and Industrial Advisory Panels as these courses are not core courses in any programme.

d) Steps Taken to Address Problem Areas:

None

e) Conclusions and Recommendations for Improvement:

Prepared by:	Verified by	Approved by
Name & Stamp: Norazlina Bateni	Name & Stamp: Dr Nordiana Rajae	Name & Stamp: AP Ir Dr Siti Noor Linda Taib
Date: 18.02.2020	Date: 18.02.2020	Date: 18.02.2020

Note:

- i. Changes to program curriculum structure resulted from Continual Quality Improvement (CQI) activity can only be implemented **AFTER** receiving UNIMAS Senate approval.
- ii. Refer to '*Garis Panduan Pemantauan Dan Semakan Kurikulum Untuk Penambahbaikan Kualiti Berterusan Program Akademik UNIMAS*' and MQA Guidelines to Good Practices: Monitoring, Reviewing and Continually Improving Institutional Quality (GGP: MR and CCIQ) for further information on Program Monitoring.
- iii. SAR is to be submitted **at the end of every academic session to BJK**.

BJKA Monitoring Record:

Date Received: