|  |  |
| --- | --- |
| **Course Title:** | *History of Geology*  |
| **Code:** | *495 Geo* |
| **Program:** | *Geology* |
| **Department:** | *Geology & Geophysics* |
| **Institution:** | *College of Science/ King Saud University* |
| **Academic Year:** | *1443* |
| **Semester:** | *First Semester* |
| **Course Instructor:**  | *Dr. Bassam A. Abuamarah* |
| **Date:** | *28/12/2021* |  |

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# A. Course Identification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Instructor(s)**  | **Location** | **Number of Sections** | **Number of Students** |
| Starting the course | Completing the course |
| 1 | Dr. Bassam A. Abuamarah | 2 B111 | 82228 | 19 | 16 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# B. Course Delivery

## 1. Course Contact Hours (per semester)

| **No.** | **Activity** | **Planned** | **Actual** |
| --- | --- | --- | --- |
| 1 | **Lecture** | 30 | 30 |
| 2 | **Laboratory/Studio** |  |  |
| 3 | **Tutorial** |  |  |
| 4 | **Others** (Specify) |  |  |
| **Total** | 30 | 30 |

## 2. Topics not Covered

| **Topics** | **Reason****for Not Covering** | **The extent of their Impact on Learning Outcomes** | **Compensating Action\*** |
| --- | --- | --- | --- |
| All topics have been covered | Nil  | Nil | Nil |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

\*Compensating actions already taken or suggested

## 3. Teaching Strategies

| **Planned Teaching Strategies**  | **Were They****Implemented?** | **Difficulties Experienced** (if any)**in Implementation** | **Suggested Action** |
| --- | --- | --- | --- |
| **Yes** | **No** |
| Direct teaching (lecture, teaching, discussion, presentations, reading activities. | \* |  | No- difficulties | Encourage students’ as learning resources to display more scientific videos |
| Practical lessons run in the Lab. | \* |  | No- difficulties | No- **Actions** |
| Research project, Team working through lectures classes sessions | \* |  | No- difficulties | No- **Actions** |
|  |  |  |  |  |
|  |  |  |  |  |

## 4. Activities/Assessment Methods

| **Activities/Planned Assessment Methods** | **Were They****Implemented?** | **Difficulties Experienced** (if any) **in Implementation**  | **Suggested Action** |
| --- | --- | --- | --- |
| **Yes** | **No** |
| Performance-based assessment (direct questions, homework, assignment completion, 2 assessment tests, and final test ). | \* |  | No- difficulties | There are no-action to perform. |
| written assigments | \* |  | No- difficulties | There is no-action to perform. |
| Evaluation of projects, direct observations | \* |  | No- difficulties | Students to be trained how to write and read.  |
|  |  |  |  |  |

## 5. Verification of Credibility of Students’ Results

| **Method(s) of Verification** | **Conclusions** |
| --- | --- |
| Model answers for all tests and activities | Verification was 100% |
| Random Samples reviewed by my colleague  | Verification was 100% |
| Investigations of the department's academic accreditation unit. | Verification was 100% |
|  |  |

|  |
| --- |
| 6. Recommendations |
| Exams and model answers, shall be reviewed by my colleague, and carrying out all procedures of academic accreditation unit to validate the consistency of students` results.‎ |

#

# C. Student Results

## Distribution of Grades

|  |  |  |
| --- | --- | --- |
|   | **Grades** | **Status Distributions** |
|   | A+ | A | B+ | B | C+ | C | D+ | D | F | **Denied Entry** | **In Progress** | **Incomplete** | **Pass** | **Fail** | **Withdrawn** |
| **Number of students** | **0** | **1** | **3** | **2** | **1** | **3** | **3** | **0** | **0** | **0** | **0** | **0** | **13** | **0** | **3** |
| **Percentage** | **0** | **7.7** | **23** | **15** | **7.7** | **23** | **23** | **0** | **0** | **0** | **0** | **0** | **100** | **0** | **19** |

|  |
| --- |
| 2. Comment on Student Results* Even due to Corona Pandemic impact, the students’ achievements’ and results were more than 75% of each course learning outcomes assessment than in the normal condition.
* **Therefore, the marks of the final Exam marks considered to be 40 marks again as usual.**
 |
|  |
| 3. Recommendations  |
| **Mostly, Learning Management System (Black Board) operational procedures****needs to be improved and simplified to accommodate student’s full awareness, in order to be familiar in using LMS software concerning the lectures and assignments as well home works.** |

# D. Course Learning Outcomes

## 1. Course Learning Outcomes Assessment Results

| **Course Learning Outcomes****(CLOs)** | **PloS Code** | **Assessment Methods** | **Assessment Results**  | **Comment on****Assessment Results** |
| --- | --- | --- | --- | --- |
| **Target Level/ Criterion for Success** | **Actual Level**  |
| **1** | **Knowledge and Understanding:** |
| 1.1 | At the end of the course’s session, the student should be able to identify muslime and non-Muslim scholar and clarify in development the geoscience history | **PLO1** | * Direct teaching
* **Home works.**
* **Formal research.**
* **discussion, presentations, reading activities**
* **Final exams**
* **Practical tests**

**Questions and answers throughout virtual class** | **Every student must acquire more than 70% of this CLO.** | **More than 72%** | * **The minimum CLO has achieved in each student.**
* **Exams, homework and lab reports are used to assess the acquired knowledge on the subject.**
* **Formal research were given to rise the students’ ability of knowledge of the course.**

The minimum CLO has been achieved. |
| 1.2 | At the end of semester session, the students should be able to demonstrate and to focus on the development history of geosciences from old time history till now days, demonstrate what's happened to Earth since its formation, and its changes throughout time, and identify main explaining some of the physical features of the earth. And if all rocks were deposited by the oceans during flooding events. and some rocks were formed through heat or fire theories. |  | Student must acquire more than 65% of this CLO. | The level os more than 67% | * The minimum CLO has been achieved.
 |
| 1.3.. |  |  |  |  |
| **2** | **Skills:** |
| 2.1 | * By the end of the semester, the student should be able to recognized most geoscience’s developed and processed since the thearth created till now days
 | **PLO2** | * **Home works.**
* **Formal research**
* **Final exams**
 | **Every student must acquire more than 60% of this CLO.** | **More than 70%** | * **The minimum CLO has been achieved. Students via Exams and homework will be emphasized students capability in differentiating and classifying the theories of earth sciences development history.**
* **The minimum CLO has achieved.**
 |
| 2.2 | **Students shall be capable and acquainted to communicate and interpret and demonstrate the development the earths’ history.** |  |  |  | **The actual level in this semester is more than 70% of this CLO** |  |
| 2.3 | **Students shall be capable and acquainted to have Practicing communication skills in speaking/presenting in class and and represent himself.** |  |  |  |  |  |
| 2... |  |  |  |  |  |  |
| **3** | **Values:** |
| 3.1 |  |  |  |  |  |  |
| 3.2 |  |  |  |  |  |  |
| 3.3 |  |  |  |  |  |  |
| 3... |  |  |  |  |  |  |

|  |
| --- |
| 2. Recommendations  |
| **In the next coming semester, the course strategies shall be enhanced to achieve CLO’s % more than 70%.**  |

#

# E. Course Quality Evaluation

## 1. Students Evaluation of the Quality of the Course

|  |  |  |  |
| --- | --- | --- | --- |
| **Date of Survey:6/6/1443** | **Number of** **Participants: 12 of 16** | **Percentage of Participation: 75%** | **Evaluation Result: 75%** |
| **Students Feedback** | **Course Coordinator/Instructor Comments/Response** |
| **Strengths:*** The course outlines of contents, objectives and course learning outcomes (CLOs) are seen and clearly obvious to students as delineated to them at the starting date of the taught semester.
* Assessment methods are given numerous help to students to understand the topics.
* Instructor is well-acquainted with the subject
* Exam questions are suitable and marking is fair.
 | * More emphasis will be placed on using various source of information (textbook, web, CD…etc)
* Better interaction through the internet is planned.
* Aspects of strength will be reinforced.
 |
| **Areas for improvement:*** Inadequate interaction and students’ engagement throughout the online virtual lectures sessions**.**

The reading skills, and to run more assignments are required.  | * We will attempt and endeavour to provide articles and assignments.
 |
| **Suggestions for Improvement:*** Students should be able to read out and to utilize different learning resources for the improvement and to increase their reference knowledge, not only utilizing and depending on lectures’ of PowerPoints.
 | Students shall read out more related articles and hand-outs to course objectives along with the assigned given assignments to them. |

## 2. Other Evaluations

(e.g., Evaluations by faculty, program leaders, peer reviewers, others)

|  |  |
| --- | --- |
| **Evaluation method :students evaluation** | **Date: 4/6/1443** |
| **Evaluator(s) Comments** | **Course Coordinator/Instructor Comments/Response** |
| **Strengths:*** **It has the potential ability for application in the private sector.**
* **It involves modern and the most important an updated knowledge of the course contents.**
 |  |
| **Areas for improvement*** **To encourage students to to utilize learning resources and to read more articles in relation to the history of geology evolution.**
* **Students need to wide their knowledge by using the library resources in order not to be fully independent on the lectures’ information only.**

 | * **I shall attempt to set most of these improvement areas in attention, and consideration by next semester..**
 |
| **Suggestions for Improvement: -** * Students should be able to read out and to utilize different learning resources for the improvement and to increase their reference knowledge, not only utilizing and depending on lectures’ of PowerPoints.
 | Students shall read out more related articles and hand-outs to course objectives along with the assigned given assignments to them. |

\* Add separate table for each evaluation

|  |
| --- |
| 3.Recommendations : |
| * **The lectures’ sessions are not enough to perform all the details of the different different learning resources , therefore, the students’ shall be encouraged and promoted to use learning resources (Textbooks, Software, Relevant reading materials, Videos, Recordings and library).**
 |

# F. Difficulties and Challenges

| **Difficulties and Challenges** | **Consequences**  | **Actions Taken** |
| --- | --- | --- |
| **Administrative Issues** |
| * **There are no difficulties and challenges.**
 | **Nil** | **Nil** |
|  |  |  |
|  |  |  |
| **Learning Resources** |
| * **In the library, there are specified lacks of some materials.**
 | **Some the practical classes have done without actually practical training.**  | **The more books required and shall be provided by the geology and geophysics department.**  |
|  |  |  |
|  |  |  |
| **Facilities** |
| * Library resources
 | **Deficiency inproviding books in relation… etc.**  | **The department shall modify the the learning resources and encourage students to utilize them** |
|  |  |  |
|  |  |  |

#

# G. Course Improvement Plan

## 1. Course Improvement Actions

| **Recommended Actions** | **Actions Taken** | **Results** | **Comments** |
| --- | --- | --- | --- |
| **a. Previous course Report Recommendations** |
| * **Updating the course basing on the course specification..**
* **Applying the KPI’s ratio 1:20 in order to improve session quality**
 | **Done****No actions were taken to implement this KPI’s ratio.**  | * **The teaching of the course trajectory as planned.**

**The course instructor with more than 20 students encountered for instructor to communicate with each students during teaching session.** | **The course relatively on line with recent trends of stockholder’s demands.** |
|  |  |  |  |
|  |  |  |  |
| **b. Other Improvement Actions\***  |
| * **In this stage, there are no developmental measures have been taken during teaching the course and not included in the development plan of it.**
 | **The teaching of the course trajectory as planned.** | **The course relatively required to be with recent trends of an updated electronic course materials.** |
| * **More course considerable materials electronically arranged in the purpose of classroom tutoring and used for or in conjunction with a course.**
 |  |  |
|  |  |  |

\* (The developmental measures taken during teaching the course and not included in the development plan of it)

## 2. Action Plan for Next Semester/Year

| **Recommendations** | **Actions**  | **Responsibility****For Implementation** | **Time** | **Needed****Support** |
| --- | --- | --- | --- | --- |
| Start | End  |
| 1. **Students’ shall carry out extra and various home works, written assignments’, and presenting small written projects activities to come up with different contributing with the class to fill in the remaining course material**
 |  | **Instructor** | **In week no 2** | **In week no 14** | **Department’s Head requested to allocate and to verify running course field trip by next semester** |
| 1. **Controlling the Students’ engagement, and encourage students to upgrade their English skills.**
2. **Lab works and topics extra and refining**
 |  | **Instructor and the lab assistance** |  |  |  |
| 1. **More update references, learning resources and handouts**
 |  | **Instructor** |  |  |  |
|  |  |  |  |  |  |