

Course Name: Scientific Communication

| Course number and code | Course title | Instructor & contact way | Credit hours |
|------------------------|--------------------------|--|--------------|
| MBIO 409 | Scientific Communication | Dr. Maaweya Elaeed Hamed Awadalla E-mail: mhamed1@ksu.edu.sa Takayama281@hotmail.com Phone: 00966-548107134 Office phone: 4675846 Building 5 first floor Office: 1B10/4 | 1 (1+0+0) |

Course Description:

Graduate level overview of techniques for platform, poster and written scientific presentations. Emphasis will be on oral presentation delivery, proposal development, content organization and audience perspective They will also learn to reflect on critical selection and evaluation, and learn how to use and refer to sources in a scientific context. Basic computer and web skills. Writing scientific texts can be viewed as a process as well as a final product and the participants will be introduced to a theoretical understanding of the academic writing process.

Timetable and lecture schedule

The course contact time involves one lectures per week of the second semester.

Teaching methods: Due to the COVID-19 crisis, all lectures will be provided through online teaching-learning strategy.

| Weeks | Topics |
|-------|--|
| 1 | Course introduction, aims and objectives /What is scientific communication? |
| 2 | Scientific writing (Writing scientific posters, presentation, papers) |
| 3 | Poster and written scientific presentations |
| 4 | Scientific research poster and designing |
| 5 | Constructing and presenting oral presentations |
| 6 | Written Midterm Exam 1 (time: 9:00-9:50 am) Exact room number to be determined |

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| 7 | Communicating data effectively |
| 8 | Practice oral presentations |
| 9 | Writing a scientific research proposal/ How to write a research proposal |
| 10 | Written Midterm Exam 2 (time: 9:00-9:50 am) Exact room number to be determined |
| 11 | Citing References in Scientific writing How to write a reference list Useful software tools (bibliography software tools) |
| 12 | Final Review of All Topics |

Grading and Assessment/Grading point breakdown and timetable

1. Written Midterm Exam **(40 minutes)**
2. Written Midterm Exam 1 (20 marks) (lecture 1,2,3,4 & 5) week 6
3. Written Midterm Exam 2 (20 marks) (lecture 7,8 & 9) week 10
4. Practice oral presentations **(5 marks).**
5. Reports and homework **(10 marks).**
6. Participation and student portfolio (Continuous assessment) **(5 marks)**
7. Final exam (cumulative) **(40 marks)**

Total: (100 marks)

Practice oral presentations:

This self-learning exercise will: Promote independent thinking, empower critical assessment of a topic, improve oral communication skills, and develop a team work skill. Able to answer reasonably questions coming from the me and students. More information about the content and expectations for evaluation will be directly addressed during class.

There will be no make-up exams or extra work or report to improve grades, only for students who missed an exam due to illness or emergency.

Absences

Attendance is very strongly encouraged and absolutely essential to understand the course materials, all students are expected to participate fully in all course

related activities. **THIS DOES NOT**, however, mean that student has to come to class when he is sick or has some other emergency for which he needs to attend. **Please contact me** (whenever possible) to let me know you will be absent. Any absence without a sensible explanation will be considered un-excused. If you missed your midterm exams, you will lose 20 points (per/exam) from your final grade. Students should make every effort not to miss the midterm exams. If your absence was unexpected (i.e. illness), you must provide me the medical documentation.

Special Needs:

Please inform me at the beginning of the term of any difficulties, physical or learning disabilities that you may have, to discuss what you will be need and how my course requirements and activities may influence your ability to fully participate and taking of examinations.