

Seminar (AGE 4540)
Course syllabus
(2020/2021)

Instructor: Prof. Abdelouahab Bentrchia

OFFICE: S111

Email: abentrchia@ksu.edu.sa

Website: <https://fac.ksu.edu.sa/abentrchia/home>

Class Timings: see time table on my website or on the office door.

Office Hours: see time table on my website or on the office door

Textbook:

- Arvid R. Eide, Roland Jenison, Larry L. Northup, and Steven Mickelson, “Engineering Foundations and Problem Solving”, 5th Edition, McGraw Hill, 2008.

Pre-requisite:

- None

References:

- Mark T. Holtzapple, and W. dan Reece, "Concepts in Engineering", 2nd Edition, McGraw Hill, 2008.
- Arvid R. Eide, Roland Jenison, Lane H. Mashaw, and Larry L, “Introduction to Engineering Design and Problem Solving”, Northup, 2nd Edition, McGraw Hill, 2002.

Grading Criteria:

- 20%: Class attendance (10%) + performance & participation in class (5%) + peer evaluation (5%).
- 5% Outline of the report
- 10% Progress report
- 10% Progress report presentation
- 15% Final report
- 40% Final presentation

Credit hours:

- 2(0,0,2) hours

Tentative Schedule

Week	Topics to be covered
1 (-----)	Introductory meeting
2 (-----)	Organizational meeting-creating groups for the seminar
3 (-----)	How to write an engineering report + selecting a topic for each group + selecting moderators
4 (-----)	How to prepare and give a presentation
5 (-----)	presentations of students1 + outline submission
6 (-----)	presentations of students2
7 (-----)	presentations of students3
8 (-----)	presentations of students4
9 (-----)	midterm presentations (10min+5min questions)+progress report submission.
10 (-----)	presentations of students5

11 (-----)	presentations of students6
12 (-----)	presentations of students7
13 (-----)	presentations of students8+ final report submission
14 (-----)	presentations of students9
15 (-----)	Final presentations (15min + 5min questions)

Course Learning Outcomes

1. Distinguish between different types of research in the field of engineering. (h,j)
2. Develop skills of analysis and criticism to evaluate researches and design research plans. (h,j)
3. Gain some seminar skills.(g)
4. Acquire practical communication skills. (g)

Course Policy

• General policies

1. Course material such as lecture slides, homework ...etc. will be posted on my website; however posted material is not a substitute for the text book. Therefore, students are expected to purchase the textbook.
2. The student is responsible to check his email (university email) daily for any class announcements.
3. Use of mobile phone or other electronic devices or equipment is not allowed during class. All such systems must be turned off or silenced and not used during classes without prior permission from the instructor.
4. It is the student's responsibility to ask questions, for me if you don't ask questions then I assume that you are happy. If for one reason or another, my answer is not satisfactory for you, then you are welcome to visit my office for more discussions and details.
5. All presentations should be delivered in English.
6. All reports should be written in English.
7. Moderators should use English language.

• Attendance

1. Out of 100 marks (the total grade), 10 marks are dedicated for attendance.
2. Only excuses obtained from governmental hospitals are accepted. Personal excuses are not accepted.
3. Three late arrivals = One absence.
4. Any student who misses more than 25% of all lectures will not be allowed to enter the final exam.

• Makeup policy

1. No make-up will be provided for exams unless an official excuse exists which should be validated from the academic committee.
2. Any official excuse should be presented to the instructor within one week from the absence.

• Assignment Policy

1. Announcements will be in class and will be sent to you through LMS as well.
2. Any late submission will be subject to a late penalty as follows: 20% for every day; by the end of 5 days you will lose the whole mark.

- **Peer evaluation policy**

1. Peer evaluation should be taken as a serious issue (if I see that the evaluation is not rational I will ignore it, and the grade of the student who did the evaluation will be zero).

- **Others**

2. Plagiarism is not permitted, the more you copy and paste the more marks you lose.
3. In the worst case, if your report is copy and paste of another report in the internet, you will get an “F” in this course (remember, this is your last semester, do not force me to give you “F”; you don’t worth it).