



مركز الاعتماد
و ضمان الجودة
ACCREDITATION & QUALITY ASSURANCE CENTER



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

**Course Name: Special Topics in
Mathematics**

1	Course title	Special Topics in Mathematics
2	Course number	(0301981)
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	None
5	Program title	Ph. D. in Mathematics
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Science
9	Department	Mathematics
10	Level of course	Elective course in ph.D. program
11	Year of study and semester (s)	2 nd year
12	Final Qualification	Ph.D. in Mathematics
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	16.10.2020

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

A faculty member from the department of mathematics

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

None

18. Course Description:

Topics to be chosen from various fields of mathematics

19. Course aims and outcomes:**A- Aims:**

To study certain topics in mathematics selected by the instructor.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to achieve the following outcomes:

A. Knowledge and Understanding Skills: Student is expected to

A1. Master the basic concepts of the subject studied in the course.

A2. Able to read and understand some research papers in the subject of the course.

B. Intellectual Analytical and Cognitive Skills: Student is expected to

B1. State and prove various theorem exposed in the course.

C. Subject- Specific Skills: Student is expected to

C1. Use his knowledge to read more about the subject of the course.

D. Creativity /Transferable Key Skills/Evaluation: Student is expected to

D1. Initiate a new research paper in the subject of the course.

20. Topic Outline and Schedule:

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
Review	1 +2 +3				
The course material are distributed over the remaining weeks of the semester. Each students explains a part of the material.				Evaluation of students based on their presentations	
				Final Exam	

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

In order to succeed in this course, each student each student need to be an active participant in learning- both in class and out of class.

- Class time will be spent on discussing the material presented by the students.

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

ILO/s	Learning Methods	Evolution Methods	Related ILO/s to the program
	Lectures	Exam	
	Research Papers	Presentations	

23. Course Policies:

Class attendance of the students is recommended.

Absences recorded in each lecture with making excuses, if any.

24. Required equipment:

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25. References:

A- Required book (s), assigned reading and audio-visuals:

To be chosen by the instructor.

B- Recommended books, materials, and media:

To be chosen by the instructor.

26. Additional information:

Name of Course Coordinator: Dr. Hasan Hdeib Signature:-----Date: 19/10/2020

Head of curriculum committee/Department: Dr. ----- Signature: -----

Head of Department: Dr. Mohammed Al Raqab Signature: -----

Head of curriculum committee/Faculty: Dr. Ahmaed Alzghoul Signature: -----

Dean: Dr. Fuad Kittaneh Signature: -----

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File