Department of Mathematics

College of Education

University of Salahaddin

Subject: Advanced computer science (First course)

Course Book – MSc. Student

Lecturer's name Dr. Neshtiman N. Sulaiman

Academic Year: 2023/2024

Course Book

1. Course name	Computer
2. Lecturer in charge	Neshtiman N. Sulaiman
3. Department/ College	Mathematics / Education
4. Contact	e-mail: neshtiman.suliman@su.edu.krd
	Tel: (optional)
5. Time (in hours) per week	Theory: 1
	Practical: 2
6. Office hours	Monday(8:30-10:30)
7. Course code	
8. Teacher's academic profile	BSc. 1988 at University of Salahaddin / College of Education / Erbil / Iraq
	MSc. 1994 at University of Al-Mustansria /College of Education/Baghdad/Iraq
	PhD. 2013 at University of Salahaddin / College of Education / Erbil / Iraq
	Specific specialization: Algebra(Derivation prime Γ-rings)
	Subject under teaching: During my work in University of Salahaddin , I have taught the following courses at all the four undergraduate levels .
	1- Calculus.
	2- Advanced Calculus
	3- Abstract algebra (Group Theory and Ring Theory)
	4- Linear Algebra
	5- Extension field.
	6- Finite Mathematics.
	7- Module Theory.
	8- Programming(Pascal+Matlab+Fourtran+Quic basic,..)
	9- Fundamental logic
9. Keywords: Group, Homomorphism	

10. Course overview:
The course Advanced Word Processing (Microsoft Word 2016) – Content Management focuses on the features with the purpose to enhance work productivity and effectiveness.

11. Course objective
This course is intended for students who want to use advanced capabilities in Word, including image manipulation, collaboration and revision tracking, cross-referencing and linking, document security, forms, and process automation through macros.
    underlying theories.

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12. Student's obligation
1- Attendance.
2- Quiz.
3- tests about some questions after each month.
4- Two examinations will be given, if we have a time, each 30%.
5- Final exam 60%.

13. Forms of teaching
1- data show
2- whiteboard
3- Power point

14. Assessment scheme
1- Seminar 10%.
2- Quiz. 5%
3- Scientific Report 10%
4- Activity 5%
5- Midterm tests   20%
6- Final Examination 50%

15. Student learning outcome:
  In this course, you will learn to create and modify complex documents and use tools that allow you to customize those documents.
You will:
• Use images in a document.
• Create custom graphic elements.
• Collaborate on documents.
• Add reference marks and notes.
• Secure a document.
• Create and manipulate forms.
 • Create macros to automate tasks

16. Course Reading List and References:
1-

17. The Topics:	**Lecturer's name**

First Course: Group theory	Neshtiman N. Sulaiman
(1 And 2) Week 15/10 – 22/10: **COMPUTER ESSENTIALS (REVIEW)** • Understand hardware and software. • Adjust the main operating system (Win 10) • Automatic Table Layout Control • Apply AutoFormat to Table • Repeat Table Heading on Each Page • Prevent Page Breaks in a Table Row Basics + Definitions and Examples. **(3, 4 and 5) Week 29/10-12/11:** Advance Word Microsoft . **(6, 7 and 8) Week 19/11- 3/12:** Advanced Excel **(9 and 10) Week 10/12-17/12: Advanced Persentation** **(11, 12, 13 and 14) Week 24/12- 14/1:** Latex Programming and Matlab	
18. Practical Topics (If there is any)	

19. Examinations:
There will be one two-hour examinations given during the semester and a final examination.
• Quiz every week.
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20. Extra notes:

21. Peer review   پێداچوونەوەی هاوەڵ