

Course Description Form

1. Course name	General Mathematics	
2. Course code	HUC-ACC-017	
3. Chapter/Year	- One Chapter 2024/2025	
4. Date of preparation of this description	8/3/2024	
5. Available attendance forms	My presence	
6. Number of study hours (total) / Number of units (total)	2/2	
7. Name of the course administrator (if more than one name is mentioned)	:Name: Dr. Anis Ziarah Mohi Email Anisziarah@gmail.com	
8. Course objectives	• Develop a basic understanding of mathematical concepts: Such as algebra, geometry, trigonometry, and statistics. • Enhance problem solving ability: By applying mathematical concepts to various scenarios. • Improve critical and logical thinking skills : Through training in mathematical reasoning and deduction. • Providing the necessary sports equipment : To meet challenges in other fields such as ,science, engineering, economicsetc. • Developing self-confidence in dealing with mathematical issues: Encouraging students to continue developing their mathematical skills.	Subject objectives
9. Teaching and learning strategies		

قسم الحاسبة

Strategy

- **Active learning:** Encourage students to actively participate through discussions, hands-on activities, and problem solving. Active learning helps students enhance their understanding and remember information better
- **Collaborative Learning:** Using group work and collaborative projects to enhance learning. Through collaboration, students can share knowledge and develop communication and leadership skills
- **Flipped Classroom** In this strategy, students review educational materials outside the classroom (such as watching video lectures), and class time is used for in-depth discussion and applied activities
- **Problem-based learning:** Providing students with real-world challenges or problems to work on, helping them develop critical thinking skills and the ability to deal with real-world situations
- **Self-directed learning:** Encouraging students to set their own learning goals and explore resources to achieve these goals. This type of learning requires high levels of self-management and personal motivation
- **Continuous assessment:** Conduct periodic assessments of student progress, whether through tests, research papers, or oral classroom assessments. Continuous assessment helps provide feedback that helps in the continuous improvement of the educational process
- **Use of technology:** Integrating technology into education through the use of e-learning tools, educational platforms, and interactive media, which enhances the learning experience and helps access diverse educational resources
- **Differentiated Instruction:** Providing educational materials and activities that are appropriate for different levels of students, ensuring that individual differences in abilities and learning styles are taken into account

10. Course structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Discussion and oral and written examinations	Presentation and discussion	partial derivative		2	1

قسم المحاسبة

Discussion and oral and written examinations	Presentati on and discussion	Applications by derivation of important variables and fixation of less important variables		2	2
Discussion and oral and written examinations	Presentati on and discussion	General examples, practical examples in the financial and accounting field, general exercises, practical exercises in the financial and accounting field		2	3
Discussion and oral and written examinations	Presentati on and discussion	integration		2	4
Discussion and oral and written examinations	Presentati on and discussion	indefinite integral, definite integral		2	5
Discussion and oral and written examinations	Presentati on and discussion	General examples, practical examples in the financial and accounting field, general exercises, practical exercises in the financial and accounting field		2	6
Discussion and oral and written examinations	Presentati on and discussion	Second integration		2	7
Discussion and oral and written examinations	Presentati on and discussion	Vectors and Matrices		2	8
Discussion and oral and written examinations	Presentati on and discussion	Univariate matrix, identity matrix, zero matrix, diagonal matrix, determinant of matrix		2	9
Discussion and oral and written examinations	Presentati on and discussion	January exam		2	10

قسم المحاسبة

Discussion and oral and written examinations	Presentati on and discussion	Inverse matrix, solving the system of simultaneous equations for simultaneous systems, whether partial or complete, in companies at the level of the country's sectors		2	11
Discussion and oral and written examinations	Presentati on and discussion	General examples		2	12
Discussion and oral and written examinations	Presentati on and discussion	General examples		2	13
Discussion and oral and written examinations	Presentati on and discussion	General examples, practical examples in the financial and accounting field, general exercises, practical exercises in the financial and accounting field		2	14
Discussion and oral and written examinations	Presentati on and discussion	February exam		2	15

11. Course Evaluation

Grade40 distribution.midterms and 50 finals 10 , Daily attendance and assessment

12. Learning and teaching resources

	Required Textbooks 1. Precalculus / Raymond A. Barnett... [et al.]. — 7th ed. p. cm.
	1. Main References Precalculus / Raymond A. Barnett... [et al.]. — 7th ed. p. cm.
	Electronic references, websites

