Islamic University of Technology (IUT)

Semester (3rd) Final Exam schedule

Time: 10:00am to 1:00pm (3 hours)

	Subject	Syllabus	Notes
Wednesday 09 April	Math 4341 Linear Algebra	Introduction to Linear Algebra (Gilbert Strang): Chapter: 1.1, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4, 3.5, 4.1, 4.2, 4.3, 4.4, 5.1, 5.2, 6.1, 6.2, 7.1 Elementary Linear Algebra (Howard Anton, Chris Rorres): Chapter: 1.1, 1.2, 1.3, 1.4, 1.5, 1.7, 3.1, 5.2, 5.3, 5.4, 5.5, 5.6, 9.3, 7.1, 7.2, 7.3	Practice from the exercises given in the books as much as you can. Your answer should be short, clear and concise.
1 day gap			
Friday 11 April	CSE 4307 DBMS	Chapter: 3,4,5,6,7,10(partial), 14(partial)	
4 days gap			
Wednesday 16 April	CSE 4305 COA	Chapter 6, 7, 8, 12, 13, 14, 20	
1 day gap			
Friday 18 April	CSE 4301 OOP	After Mid: Chapter 11,12, 13, 14, 15 Before Mid: Objects and Classes, Operator Overloading, Friend Functions, Inheritance	After Mid ~5 sets of question Before Mid ~ 1 set of questions
3 day gap			
Tuesday 22 April	CSE 4303 DS	Maybe all, waiting for sir's reply	TBA
1 day gap			
Thursday 24 April	EEE 4383	**FET**: Working principle, curves, math shown in class and quiz, drawing graphs, DC and AC biasing. **Diode**: ***nai*** (no clipper clamper as well) **BJT**: Slide maths, RE model(very important), biasing related maths, maths in slide, basic theory-based questions(5 marks each). **Op Amp**: Maths in assignments, combined circuit, cascaded circuit, differentiator, integrator circuit.	Question Pattern: 2 from FET, 2 From BJT, 2 From OP amp. 70% math and 30% theory

NB: This syllabus will be updated upon new information. Be sure to have the latest version from GitHub repo: **THIS REPO** *This version: 25 March, 2025 1:32 AM.*