




Islamic University of Technology (IUT)
Semester (3rd) Mid Exam schedule



Time: 2:30pm to 4:00pm (1.5 hours)

	Subject	Syllabus	Notes
Wednesday 09 April	Math 4341 Linear Algebra	<p>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</p> <p>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</p>	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	<p>After Mid: Chapter 11,12, 13, 14, 15</p> <p>Before Mid: Objects and Classes, Operator Overloading, Friend Functions, Inheritance</p>	<p>After Mid ~5 sets of question</p> <p>Before Mid ~ 1 set of questions</p>
3 day gap			
Tuesday 22 April	CSE 4303 DS		
1 day gap			
Thursday 24 April	EEE 4383	<p>FET: Working principle, curves, math shown in class and quiz, drawing graphs, DC and AC biasing.</p> <p>Diode:  (no clipper clamper as well)</p> <p>BJT: Slide maths, RE model(very important), biasing related maths, maths in slide, basic theory-based questions(5 marks each).</p> <p>Op Amp: Maths in assignments, combined circuit, cascaded circuit, differentiator, integrator circuit.</p>	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: 26 October, 2024 8:41 PM.