



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



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

	Subject	Syllabus	Notes
<b>Wednesday 09 April</b>	<b>Math 4341 Linear Algebra</b>	<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.
<b>1 day gap</b>			
<b>Friday 11 April</b>	<b>CSE 4307 DBMS</b>	Chapter: 3,4,5,6,7,10(partial), 14(partial)	
<b>4 days gap</b>			
<b>Wednesday 16 April</b>	<b>CSE 4305 COA</b>	Chapter 6, 7, 8, 12, 13, 14, 20	
<b>1 day gap</b>			
<b>Friday 18 April</b>	<b>CSE 4301 OOP</b>	<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>
<b>3 day gap</b>			
<b>Tuesday 22 April</b>	<b>CSE 4303 DS</b>	Maybe all, waiting for sir's reply	TBA
<b>1 day gap</b>			
<b>Thursday 24 April</b>	<b>EEE 4383</b>	<p><b>FET:</b> Working principle, curves, math shown in class and quiz, drawing graphs, DC and AC biasing.</p> <p><b>Diode:</b> <i>nai</i> (no clipper clamper as well)</p> <p><b>BJT:</b> Slide maths, RE model(very important), biasing related maths, maths in slide, basic theory-based questions(5 marks each).</p> <p><b>Op Amp:</b> 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: 24 March, 2025 11:21 PM.