

MTSC 3040 – Transport Phenomena and Materials Processing

Instructor: Nandika D'Souza

Class: M, W 11 -12:20 pm

Office hours: Thursday 10-noon

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Syllabus:

What you can expect and when:

Date	Topic	
8/31, 9/2	Chapter 1	
9/7, 9/9	Chapter 1	
9/14, 9/16	Chapter 1/2	
9/21, 9/23	No class (make up)	
9/28, 9/30	Chapter 2	
10/5, 10/7	Chapter 3	
10/12, 10/14	Chapter 3	Exam1
10/19, 10/21	Chapter 4	
10/26, 10/28	Chapter 5	
11/2, 11/4	Chapter 5	Exam-2
11/9, 11/11	Chapter 6	
11/16, 11/18	Chapter 7	
11/30, 12/2	Chapter 8	
12/7, 12/9	Chapter 9	
12/14	FINAL	

Earning the GRADE:

MTSE 3040

Homework	10%
First exam	25%
Second exam	25%
Final	40%

- Homeworks must be turned in during the class.
- If you intend missing a class, alert the instructor to not being able to turn a homework in BEFORE the due date
- The Final exam will be comprehensive.

Textbook:

Textbook is Transport Phenomena and Materials Processing (Hardcover) by Sindo Kou
A useful reference is Introduction to Transport Phenomena in Materials Engineering by David Gaskell

¹ The University of North Texas Materials Science Department will make reasonable adjustments to ensure equal opportunity for qualified persons with disabilities to participate in all their programs and activities. Please see the instructor if special accommodations are required.