

Instructor Information	
Name	
Room NO.	
Phone Number	
E-mail	
Office Hours	

Course Information	
Course Name	Mathematical Methods In Chemical Engineering
Course Number	0905732
Prerequisites	
Credit Hours	3
Semester	
Class Meeting	

Course Description	
Course Objectives	
Text Books	
References	

Course Assessment		
Assignments and Quizzes	10.0%	
Short exams	10.0%	
Midterm	30.0%	
Final Exam	50.0%	

Course Contents
<ul style="list-style-type: none"> ✓ Mathematical formulation of typical chemical engineering problems in terms of ordinary and partial differential equations, matrices and vectors. Solution by mathematical methods employing Laplace, Fourier transformations, special functions, approximate methods, and other techniques.

Prerequisite
Student who attend this course MUST be familiar with <ul style="list-style-type: none"> ✓

Responsibilities

Expected Course Outcomes

1.

Regulations

I. Attendance:

Attendance of classes is obligatory. Absence must be verified according to the university's regulation, *please take it serious.*

II. Quizzes and homework

All students are required to finish their homework assignments, and submit them on time. Late homework *will not be accepted* under any circumstances. Popup quizzes will be given without any prior notice. You need to come prepared to class. A hand calculator is recommended to be available in every class. In addition to the final exam, there will be one midterm exam. These exams will be challenging and comprehensive during the class

IV. Conduct in classroom:

While in the class room, all cell phones, Laptops need to be turned off.