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

Course Information	
Course Name	Process Heat Transfer
Course Number	0905744
Perquisites	
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

- ✓ Steady and unsteady states conduction in multiple dimensions. Boundary layer convection and two- phase flow models. Selection and thermal design of heat exchangers in chemical plants. Radiation heat transfer and fired furnace models. Heat transfer in agitated and jacketed vessels and coils. Optimum design, size and cost of heat transfer equipment.

Prerequisite

Student who attend this course **MUST** be familiar with

- ✓

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.