

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

Course Information	
Course Name	Particulate Technology
Course Number	0905774
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%	
<b>Midterm</b>	30.0%	
Final Exam	50.0%	

Course Contents
<p>✓ This course includes characterization of individual particle and solid particles, fundamentals of particulate solids flow and handling including mechanisms of solid enlargement, agglomeration, compaction and mixing, design and applications of pneumatic conveyor, design and scale-up of fluidized bed systems and spouted beds, suspension of solids, flotation circuits and flocculator design, filtration design and applications, in addition to the concepts of bubbles, drops and droplets.</p>

Prerequisite
<p>Student who attend this course <b>MUST</b> be familiar with</p> <p>✓</p>

Responsibilities
<p></p>

### 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.