

Syllabus

Course Description

PTAC 2420 – Process Technology II - Systems

Study of the interrelation of process equipment and process systems including related scientific principles.

Credit: 4 (3 lecture, 3 lab)

Prerequisites

PTAC 1410 or Department Approval

Course Goals

The student will learn the common systems founded in the industry. Core curriculum competencies include reading, writing, speaking, listening, critical thinking, and computer literacy.

Instructor Information

Sazar A. Ali

Email: sazar.ali@hccs.edu

Online Office Hours: Flexible

NOTE: The instructor reserves the right to modify the syllabus, course requirements, assignments, grading procedures, and other related policies as changes take place during the semester however, proper notice will be given.

Textbook Information

“Process Technology Equipment and Systems”

By Charles Thomas, 3rd Edition, Delmar Publishers, ISBN: 978-1435499126

Students with Disabilities

"Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Disability Services Office at the respective college at the beginning of each semester. Faculty are authorized to provide only the accommodations requested by the Disability Support Services Office." For questions, contact Donna Price at 713-718-5165 or the Disability Counselor at your college. To visit the ADA Web site, log on to www.hccs.edu, click Future Students, scroll down the page and click on the words [Disability Services](#).

Academic Honesty

The Process Technology Department and specifically this instructor, follows the HCCS policies on scholastic dishonesty, which includes, but is not limited to, cheating on a test, plagiarism, and collusion. See the HCCS student handbook for a more detailed explanation.

Attendance and Withdrawal Policies

Students are expected to attend theory lectures, participate in tests, practical or examinations and perform their laboratory tasks when necessary. Any student, who is absent more than 12.5% of the class and lab combine, will be automatically withdrawn from the course. See the student handbook, Course Schedule, or Catalog for details. Drops and withdrawals are the student's responsibility. (The instructor will not be responsible for drops or withdrawals).

Process Technology II – Systems

Course Requirements and Grading Policy

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = 0-59%

Grades will depend on the following:

Work Group: 10%
Lab: 25%
Quiz: 20%
Testing: 45%

Testing

There will be three tests for this course beside the quizzes.

Test 1: (15%)
Test 2: (15%)
Test 3: (15%)

Make-up policy

Only 1 make up test will be allowed.

Course Content

The course will discuss chapters (11-17) from the textbook.

Course Calendar with Reading Assignments

Reading assignments, test review material and homework will be given every week.

Other Student Information (clubs, tutoring, web resources, etc.)

Tutoring, library literature and web resources will be provided to students during the semester as needed.

Career Services

See Dora Campa (Job Placement Coordinator) for career opportunities – (713) 718-5291