

# Introduction to Petroleum Industry

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## Syllabus

### Course Description

#### PTRT 1301 Introduction to Petroleum Industry

Credit: 3 (3 lecture)

Introduction to various aspects of petroleum industry equipment, systems, instrumentation, operations, and the scientific principles. Addresses a variety of petroleum technologies: exploration, drilling, production, transportation, marketing, and chemical processing industries.

### Prerequisites

None

### Course Goals

The student will review a typical petroleum industry; identify process equipment; state the purpose of equipment; describe safety, health, and environmental components; and describe the roles, responsibilities, and work environment. Core curriculum competencies include reading, writing, speaking, listening, critical thinking, computer literacy

### Instructor Information

Sazar A. Ali

Email: [sazar.ali@hccs.edu](mailto:sazar.ali@hccs.edu)

Phone: (832) 404-6966

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

"The Oil & Gas Industry" By Joseph F. Hilyard

ISBN-13:978-1-59370-254-0

### Lab Requirements (if any)

None

### 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](http://www.hccs.edu), click Future Students, scroll down the page and click on the words [Disability Services](#).

\* District ADA Coordinator – Donna Price – (713) 718-5165

\* Central Lead ADA Coordinator – (713) 718-6164

\* Central ADA Counselor – (713) 718 – 6166

\* Deaf & Hard of Hearing Services Supervisor – Andrea Guerrero – (713) 718-6333

# Introduction to Petroleum Industry

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- \* Northeast ADA Counselor – Kim Ingram – 713-718-8420
- \* Northwest ADA Counselor – Mahnaz Kolaini – 713-718-5422
- \* Southeast ADA Counselor – Jette Lott – 713-718-7218
- \* Southwest ADA Counselor – Dr. Becky Hauri – 713-718-7910
- \* Coleman ADA Counselor – Dr. Raj Gupta – 713-718-7631

## 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).

## Course Requirements and Grading Policy

### Course Requirements and Grading Policy

### Grades will depend on the following

Homework: 25%  
Testing: 75%

### Testing

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

Test 1: (15%)  
Test 2: (15%)  
Test 3: (15%)  
Quizzes: (30%)

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

### Make-up policy

Only 1 make up test will be allowed.

### 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