

Bossier Parish Community College

Master Syllabus

Course Prefix and Number: OGPT 102

Credits: 3-3-0

Course Title: Introduction to Process Technology

Course Prerequisite: None

Textbook(s): NAPTA. Intro to Process Technology, 2nd Edition. Pearson Education, 2018. ISBN-13: 978-0-13-480824-6

Course Description: This course is an introduction to the various aspects of process technology. The course includes an overview of basic process technology principles, including concepts related to oil and gas, process industry related equipment, interpretation of process industry drawings, systems, and related scientific principles.

Learning Outcomes:

At the end of the course, the student will:

- A. understand basic oil and gas concepts;
- B. identify and describe the various process industries and the roles, responsibilities, and expectations for the process technician;
- C. understand basic oil and gas equipment used in process industries;
- D. read and interpret basic process industry drawings;
- E. demonstrate the ability to apply basic concepts of Chemistry and Physics within process industries.

Course Objectives:

To achieve the learning outcomes, the student will:

(The letter designations at the end of each statement refer to the learning outcome(s).)

1. Demonstrate basic understanding of oil and gas concepts; (A)
2. Examine various process industries and the roles, responsibilities, and expectations for the process technician; (B)
3. Apply basic understanding of equipment used in process industries; (C)
4. Interpret basic process industry drawings; (D)
5. Demonstrate basic ability to apply basic concepts of Chemistry and Physics within process industries. (E)

Course Requirements: Complete all homework assignments, lectures, tests, and final exam.

Course Grading Scale:

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

Revised: 05/14/2021

Attendance Policy: The college attendance policy is available at <http://catalog.bpcc.edu/content.php?catoid=5&navoid=369>

Course Fees: This course is accompanied with an additional fee for supplemental materials and a lab fee.

Nondiscrimination Statement: Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

COORDINATOR FOR SECTION 504 AND ADA

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