

Bossier Parish Community College Master Syllabus

Course Prefix and Number: OGPT 225

Credits: 3-2-1

Course Title: Process Technology I: Equipment

Course Prerequisite: OGPT 102

Textbook(s): NAPTA. Process Technology Equipment, 2nd Edition. Pearson Education, 2018. ISBN-13: 978-0-13-489127-9

Course Description: This course is a study of major types of equipment used within the process technology industry. The course includes equipment identification, equipment processes, standard operating procedures, routine maintenance procedures, and troubleshooting related to process equipment while considering environmental, health and safety issues related to common process equipment.

Learning Outcomes:

At the end of the course, the student will:

- A. explain how various type of major equipment work;
- B. demonstrate or explain how to put equipment into and out of service using established procedures;
- C. describe the environmental, health and safety considerations for common process equipment;
- D. explain the various types of routine maintenance required for common process equipment;
- E. identify the pieces of equipment in process diagrams.

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. develop basic understanding of how various type of major equipment work (A)
2. develop basic ability to place equipment into and out of service using established lock out tag out procedures; (B)
3. develop basic understanding of environmental, health and safety considerations for common process equipment; (C)
4. develop basic comprehension of routine maintenance required for common process equipment; (D)
5. develop basic ability to identify equipment in process diagrams. (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

Attendance Policy: The college attendance policy is available at <http://www.bpcc.edu/catalog/current/academicpolicies.html>

Course Fees: None

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.

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