

Bossier Parish Community College  
Master Syllabus

**Course Prefix and Number:** OGPT 207

**Credit Hours:** 3-3-0

**Course Title:** Production I

**Course Prerequisite:** MATH 102 and OGPT 131

**Textbook(s):** Material covered will be taken from various sources including, but not restricted to: various textbooks, articles, public records, and instructor's company non-confidential job files.

**Course Description:** The course encompasses well production operations from exploration until the well is abandoned. Primary focus is on reservoir characteristics and relation to well completions, workovers, and stimulation, which are key and critical to producing operations.

**Learning Outcomes:**

At the end of the course, the student will:

- A. understand geologic conditions relevant to oil and gas production;
- B. understand hydrocarbon reservoir considerations;
- C. evaluate hydrocarbon reserves using geological and engineering data;
- D. understand the importance of logging, coring, and testing; and
- E. understand how to retrieve well information from State Oil and Gas databases.

To achieve the learning outcomes, the student will or will be able to:

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

- 1. develop an understanding of geologic conditions relevant to oil and gas reservoirs; (A)
- 2. develop an understanding of temperature, pressure, porosity, and saturation, as related to hydrocarbon reservoirs; (B)
- 3. develop the ability to calculate and estimate hydrocarbon reserves; (C)
- 4. develop an understanding of coring; (D)
- 5. develop an understanding of logging; (D)
- 6. develop an understanding of testing; (D) and
- 7. develop the ability to utilize online resources to evaluate well data. (E)

**Course Requirements:** scientific calculator

**Course Grading Scale:**

- 90% to 100% = A
- 80% to < 90% = B
- 70% to < 80% = C
- 60% to < 70% = D
- < 60% = F

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

**Course Fees:** This course is accompanied with an additional non-refundable fee for supplemental materials, laboratory supplies, software licenses, certification exams, and/or clinical fees.

**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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**Equity/Compliance Coordinator**

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