

Bossier Parish Community College  
Master Syllabus

**Course Prefix & Number:** OGPT 131

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

**Course Title:** Well Completions and Workovers

**Prerequisites:** OGPT 103

**Prerequisite or Corequisite:** OGPT 245

**Textbook(s):** None

**Course Description:** Topics covered include: completion design process; reservoir parameters and hydrostatics; well performance; service rig; wellbore and completion equipment; artificial lift equipment; completion and workover fluids; well testing; stimulation; primary and remedial cementing; sand scale and hydrates; wireline; and coiled tubing. Students estimate production and completion data and develop a personal plan of action for completing and working over a well.

**Learning Outcomes:**

At the end of this course, the student will:

- A. understand geology related to the oil and gas industry;
- B. understand well completion, including completion types, and equipment;
- C. understand logging and testing techniques;
- D. understand the justification for well servicing and workovers;
- E. understand the need for fishing and equipment required; and
- F. demonstrate stimulation techniques and procedures.

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 understanding of geology related to drilling processes, including reservoirs and hydrostatics; (A)
2. develop understanding of well completions, including types of completion, fluids, tubing, casing, and evaluation; (B)
3. develop basic understanding of logging and testing techniques, including basic interpretation; (C)
4. develop understand of workovers, including basic services and common equipment; (D)
5. develop understanding of fishing requirements and equipment; (E) and
6. develop basic understanding of the importance and evaluation of stimulation techniques and procedures; including fracturing and acidizing. (F)

**Course Requirements:** Textbook, 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://catalog.bpcc.edu/content.php?catoid=5&navoid=369>

**Course Fees:** N/A

**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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