

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: ENGR 299

Credit Hours: 3-3-0

Course Title: Engineering Internship

Course Prerequisites: Permission of Instructor

Textbook: N/A – Student Prepared Engineering Log and supervisor’s evaluation

Course Description: ENGR 299 internships are practical work experience related to various fields of engineering. It provides students with knowledge of what engineers do, career opportunities, and how one might better prepare to be a successful professional engineer. In collaboration with local companies, BPCC students will expand upon the theory and concepts taught in engineering courses and learn the real world problem solving skills.

Learning Outcomes:

At the end of this course, the student will:

- A. understand the nature of engineers and the engineering profession;
- B. demonstrate ability to organize and communicate technical and non-technical information orally;
- C. prepare resume and understand interview techniques;
- D. understand corporate infrastructures;
- E. demonstrate skills in setting up and solving problems; and
- F. understand/manage/document project management process.

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

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

- 1. develop skills and training necessary for employment in the engineering field (A, B, C, D, E, F);
- 2. create a log describing on-the-job activities (A, B, C, D, E, F);
- 3. design, organize, give, and evaluate oral communications (A, B, C, D, E, F);
- 4. apply engineering knowledge to analyze and solve real life problems (A, B, C, D, E, F); and
- 5. analyze and interpret data for various engineering applications (A, B, C, D, E, F).

Course Requirements:

- 1. Log and evaluation binder and materials as required by instructor.
- 2. Complete an oral presentation of internship projects within time limits.

Course Grading Scale:

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

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

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.

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