

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: CTEC 235

Credit hours: 3-3-0

Course Title: Web Application Development

Course Prerequisites: CTEC 151

Textbook(s): None

Course Description: This course covers the basics of developing dynamic web applications for mobile devices. By the end of this course, students will be able to design, code, test and debug mobile applications.

Learning Outcomes:

At the end of this course, the student will:

- A. apply effective design principles for user interfaces;
- B. use appropriate coding languages to create apps; and
- C. test and debug apps.

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. identify factors that impact effective interface design; (A)
2. design attractive and user-friendly app interfaces; (A)
3. utilize iOS developer tools; (B)
4. utilize Android developer tools; (B)
5. evaluate code; (C) and
6. identify and correct coding errors. (C)

Course Requirements:

1. Achieve a course average of 70% or above.
2. Students are expected to attend class regularly; excessive unexcused absences constitute grounds for suspension (refer to the student handbook for attendance policies).
3. Students must have access to Windows and Mac computers and the Internet to complete the assignments.

Course Grading Scale:

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

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

Angie Cao, Student and Disability Services Specialist

Disability Services, F-254

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6511

Email: acao@bpcc.edu

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.