
Choose **FOUR (4) Units** from the following courses:

| <u>REQUIRED COURSES</u> | | <u>UNITS</u> | <u>In Progress</u> | <u>Completed Grade</u> |
|-------------------------|-------------------------------------|--------------|--------------------|------------------------|
| COSP 201 | Intro to Mobile App Development | 1 | | |
| COSW 30 | Database Programming with PHP/MySQL | 3 | | |
| COSW 230 | Web Development Frameworks | 4 | | |
| COSW 240 | Intro to Content Management Systems | 3 | | |
| TOTAL UNITS | | 16 | | |

For graduation with a **Certificate of Accomplishment**:

1. Complete the above required courses with a minimum grade of “C”, or “P” if course is graded on a P/NP basis.
2. Fifty percent (50%) or more of the required units must be completed in residence at LBCC.

Complete and submit the certificate application form to the Admissions and Records office during your final semester of course work. These forms are available in the Admissions and Records office, or online at <http://admissions.lbcc.edu>

Career Opportunities

This **Associate Degree or Certificate of Achievement** is a two-year program leading to the Associate in Science (A.S.) degree. It is designed to prepare students for employment in a Web Development related fields. Students wishing a bachelor's degree (transfer program) should meet with a counselor to discuss how this program full articulates with other schools.

Program Mission and Outcomes

The mission of the web development program is to prepare students for careers as Web Design developers and enhance skills for those who are currently employed in the industry.

Outcomes:

- Create websites by employing several web design tools and programming languages.
- Demonstrate and apply effective web development skills for a variety of industries and organizational situations.

Outcomes (Certificate of Accomplishment Android App Developer)

- Demonstrate the ability to create, design, and implement java based Android application (apps) using the Android API.
- Show the skills to create, manage, and use databases and SQL for Android applications (apps).
- Be able to complete the full development process for Android Applications (apps).

Legend

† This course has a prerequisite. Prerequisite courses must be complete with at least a “C” or “P” grade. Refer to the General Catalog (<http://www.lbcc.edu/cat/index.html>), the Schedule of Classes (<http://schedule.lbcc.edu/>), or the online Credit Course Outline (<http://wdb-asir.lbcc.edu/coursecurriculum/course/details/>) for specific prerequisite information.