# TABLE OF CONTENTS

**TYPES OF ONLINE LEARNING COURSES AT LBCC**
- Asynchronous Online  
- Synchronous Online  

**CREDIT FOR PRIOR LEARNING**
- Credit for Prior Learning Information

**NEW NONCREDIT CERTIFICATES OF COMPLETION**
- Electrical
  - Electrical Program Preparation (Plan Code: 4955)

**NEW CREDIT COURSES**
- CS 31 Introduction to Computer Science-Python

**NEW NONCREDIT COURSES**
- ELECT 600 Electrical Program & Safety Preparation
- ELECT 601 Computer Applications for Tech Reports
- ELECT 602 Electrical Mathematics

**2020-2021 CATALOG UPDATES AND CORRECTIONS**
- Faculty Approved Administrative Modifications
- 2020-2021 Catalog Corrections
- 2020-2021 Catalog Updates
- 2020-2021 General Education Plan A
- 2020-2021 General Education Plan B
- 2020-2021 General Education Plan C

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPES OF ONLINE LEARNING COURSES AT LBCC</td>
<td>2</td>
</tr>
<tr>
<td>Asynchronous Online</td>
<td></td>
</tr>
<tr>
<td>Synchronous Online</td>
<td></td>
</tr>
<tr>
<td>CREDIT FOR PRIOR LEARNING</td>
<td></td>
</tr>
<tr>
<td>Credit for Prior Learning Information</td>
<td></td>
</tr>
<tr>
<td>NEW NONCREDIT CERTIFICATES OF COMPLETION</td>
<td>3</td>
</tr>
<tr>
<td>Electrical</td>
<td></td>
</tr>
<tr>
<td>Electrical Program Preparation (Plan Code: 4955)</td>
<td></td>
</tr>
<tr>
<td>NEW CREDIT COURSES</td>
<td>4</td>
</tr>
<tr>
<td>CS 31 Introduction to Computer Science-Python</td>
<td></td>
</tr>
<tr>
<td>NEW NONCREDIT COURSES</td>
<td>5</td>
</tr>
<tr>
<td>ELECT 600 Electrical Program &amp; Safety Preparation</td>
<td></td>
</tr>
<tr>
<td>ELECT 601 Computer Applications for Tech Reports</td>
<td></td>
</tr>
<tr>
<td>ELECT 602 Electrical Mathematics</td>
<td></td>
</tr>
<tr>
<td>2020-2021 CATALOG UPDATES AND CORRECTIONS</td>
<td>6</td>
</tr>
<tr>
<td>Faculty Approved Administrative Modifications</td>
<td></td>
</tr>
<tr>
<td>2020-2021 Catalog Corrections</td>
<td></td>
</tr>
<tr>
<td>2020-2021 Catalog Updates</td>
<td>7</td>
</tr>
<tr>
<td>2020-2021 General Education Plan A</td>
<td></td>
</tr>
<tr>
<td>2020-2021 General Education Plan B</td>
<td></td>
</tr>
<tr>
<td>2020-2021 General Education Plan C</td>
<td></td>
</tr>
</tbody>
</table>
TYPES OF ONLINE LEARNING COURSES AT LBCC

At LBCC, Online Learning refers to three types of courses:

- **Fully Online**: a course that meets 100% fully online
- **Hybrid**: a course that meets partially in a Classroom and partially online
- **Web-Enhanced**: a face-to-face course that meets 100% in a Classroom

The Fully Online and Hybrid courses are also known as Distance Learning Courses. The Web-Enhanced courses are regular face-to-face classes in which your instructor uses online tools as additional resources for students.

**PLEASE NOTE**: In March 2020, because of the COVID-19 Pandemic, LBCC transitioned to online with the exception of essential labs.

1. **Fully Online courses are taught in these formats**:
   - **Asynchronous** – There are no required meetings in real-time; no meeting day/times are listed in the schedule. Asynchronous classes will be noted in the class schedule by the days and time being “Web” and the location being “Online.”
   - **Synchronous** – There are required meetings in real-time; meeting day/time patterns are in the schedule. Some instructors may use a combination of scheduled “real time” meetings (synchronous) and online work accessed on the students’ chosen time (asynchronous meetings), but the required meetings are regularly scheduled and show in the class schedule.

2. **Hybrid includes Face-to-Face Class Meetings**
   Face-to-face meetings – Some essential class labs in the trades and health sciences (Nursing, DMI, etc.) have been approved to meet face-to-face. In these instances, the class schedule will note a room number and times. These classes will be a hybrid format with face-to-face meetings on-campus, and the rest of the content delivered online.

CREDIT FOR PRIOR LEARNING

**Credit for Prior Learning (CPL)**
LBCC students may receive credit for prior learning for approved and eligible courses. Students who satisfactorily pass an authorized assessment receive credit for validated college-level skills and knowledge gained outside of a college classroom. Students have the option to accept, decline, or appeal decisions related to the award of credit or credit by exam. The District may charge a fee for administering an examination for Credit by Exam; however, the fee will not exceed the enrollment fee associated with the course. The District will review credit for prior learning data every three years and report findings to the Chancellor’s Office.

**Authorized Assessments**
Authorized assessments include, but are not limited to, approved external standardized examinations, which include satisfactory scores on exams for Advanced Placement (AP),
International Baccalaureate (IB) College-Level Examination Program (CLEP), LBCC course Credit by Exam (CBE); evaluations of external agencies, which include military service Joint Service Transcripts (JST), credit recommendations of the American Council on Education (ACE), industry recognized credential documentation, student created portfolios; and/or achievement of an examination administered by other agencies approved by the LBCC District, which may include state/federal government training, volunteer and civic activities (e.g. Peace Corps), apprenticeships, internships, work-based learning, or industry-based experiential learning.

**Obtaining Credit for Prior Learning**

In order for students to be eligible for CPL, they must be in good standing and have previously earned credit or noncredit and/or be currently registered at LBCC. Eligible courses must be listed in the current LBCC Catalog or Addenda; a student requesting CPL cannot be currently enrolled in the course to be challenged. Credit by Examination is limited to students who are registered and not currently enrolled in, nor received credit for, a more advanced course in the same subject. Upon completion of an educational plan, students using military experience shall be referred to the Veteran’s Office, which will work with the Department Head of the discipline to determine CPL; students using workforce or credit for a course based on prior learning shall be referred to the Department Head of the discipline and other appropriate personnel, as needed.

**Unit Limitations on CPL**

Students may not use units received through CPL to meet unit load requires for Selective Service deferment, Veterans, or Social Security benefits. Units for which credit is given for CPL shall not be counted in determine the 12 semester hours of credit is residence that is required for the associate degree.

**Grading for CPL**

Grading shall be in accordance to the regular grading system and students shall be offered a “pass-no pass” option if that option is ordinarily available for the course.

**Transcripts**

A student’s academic record shall be clearly annotated to reflect that credit was earned by assessment for prior learning.

**Residency**

Units for which credit is given for CPL shall not be counted in determine the 12 semester hours of credit is residence that is required for the associate degree.

---

**NEW NONCREDIT CERTIFICATE OF COMPLETION**

**ELECTRICAL**

**Certificate of Completion, Electrical Program Preparation (Plan Code: 4955)**

The Electrical Program Preparation NonCredit Certificate of Completion is designed to provide students an orientation into the Electrical Program where expectations and program safety are covered, to provide time to work on math skills until necessary concepts are learned in order to increase success in the program of choice, and to learn specific computer applications needed in order to develop and build an industry standard lab report.
REQUARED COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECT 600</td>
<td>Electrical Program &amp; Safety Preparation</td>
<td>9</td>
</tr>
<tr>
<td>ELECT 601</td>
<td>Computer Applications for Tech Reports</td>
<td>54</td>
</tr>
<tr>
<td>ELECT 602</td>
<td>Electrical Mathematics</td>
<td>54</td>
</tr>
<tr>
<td>TOTAL HOURS</td>
<td></td>
<td>90</td>
</tr>
</tbody>
</table>

NEW CREDIT COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS 31</td>
<td>Introduction to Computer Science-Python</td>
<td>4.0</td>
</tr>
<tr>
<td></td>
<td>Recommended Preparation: COSP 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: letter grade</td>
<td></td>
</tr>
</tbody>
</table>

This is an introductory course in Computer Science covering basic subjects in computer programming using the Python programming language. Topics covered include basic input/output, decision structures, loops, functions, operations on text strings, data collection structures (lists, sets, tuples, and dictionaries), and software design using a procedure-oriented approach.
Transferable to UC or CSU; see counselor for limitations

NEW NONCREDIT COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECT 600</td>
<td>Electrical Program &amp; Safety Preparation</td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td>Recommended Preparation: COSP 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: LBCC non-graded course</td>
<td></td>
</tr>
</tbody>
</table>

This is a preparation and orientation course for the Electrical Technology Program. Students planning on enrolling in either the ELECT or CISCO series of classes must complete this class. Topics covered will include curriculum guide navigation, electrician trainee status, program completion certificates, program math requirements and substitutions, Associate Degree requirements, student safety and personal protective equipment, expectations of students in the program and examples of expected work product.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELECT 601</td>
<td>Computer Applications for Tech Reports</td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: ELECT 600</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Grading: LBCC non-graded course</td>
<td></td>
</tr>
</tbody>
</table>

The course will consist of an introduction to the various software programs used in the electrical technology program. Students will develop all the components of a complete
engineering technical report. The course will utilize computer applications to research and complete technical reports and documentation. Included are Computer Aided Design Software, Word, Excel, Visio, Constructor, and web-based communication and information research.

**ELECT 602**  
**Electrical Mathematics**  
54 hours lecture  
Prerequisite: ELECT 600  
Grading: LBCC non-graded course

This course is designed for students enrolled in the Electrical Technology Program or Industry professionals coming back to complete continuing education units. This course covers the learning and application of mathematics and pre-algebra needed in the electrical industry. Faculty will utilize guided learning activities to help students to take meaningful measurements and apply mathematics and electrical formulas to solve problems. Students will learn how to apply topics such as arithmetic, fractions, decimals, percentages, graphing, measurement, and pre-algebra to better understand how to solve electrical formulas.

---

**2020-2021 CATALOG UPDATES AND CORRECTIONS**

**Faculty Approved Administrative Modifications**  
The following courses were first published in the [Fall 2020 LBCC Catalog Addendum](#); faculty are modifying the course requisites.

**Page 13**  
MONEY 690 – Add corequisite MONEY 695  
MONEY 695 – Remove Prerequisite “MONEY 690” and add Corequisite MONEY 690

**LBCC 2020-2021 Catalog Corrections**  
The following are corrections to the [Long Beach City College 2020-2021 Catalog](#):

**Page 104**  
AUTO 203 and AUTO 603 – The course title should be “Automotive Break Inspection”

**Page 128**  
CONST 240 – The course title should be “Finish Carpentry”  
CONST 275 – The course title should be “Contracting Laws and Management”

**Page 142 & 143**  
CAD 202 – The course title should be “AutoCAD Fundamentals”

**Page 175**  
HIST 25 – The course title should be “History of American Women”
Certificate of Achievement, Metal Fabrication Technology: Advanced Skills (Plan Code: 3983)
On page 190, under the headings titled Advanced Metal Fabrication and Arc Welding Skills AND Advanced Metal Fabrication and Inert Gas Welding Skills should include a statement that reads “Complete THIRTEEN (13) units from the following:”

Associate in Science (A.S.) Degree, Nursing: Vocational/Practical (Plan Code: 2630)
Prerequisite Courses Subtotal Units should be “7-13”
Required Courses Subtotal Units should be “40”

Associate in Arts (A.A.) Degree, Nutrition Assistant (Plan Code: 1321)
On page 200, under RECOMMENDED but not required courses, NUTR 255C should be NUTR 254, NUTR 255D should be NUTR 255, and the course unit values for NUTR 260, 261, and 262 should be 1 unit each

Associate in Arts in Psychology for Transfer Degree (A.A.-T.) (Plan Code: 5000B/C)
On page 204, the course title for PSYCH 4 should be “Psychology of Adjustment”

CHEM 1A – The C-ID number “CHEM 120S” should be “CHEM 110”

CHEM 12A – The C-ID number “CHEM 150/CHEM 160S” should be “CHEM 150”

CULAR 20 – The unit value should be 2.0
CULAR 90 – The C-ID number “HOSP 130” should be “HOSP 130/HOSP 160”

FD 216 – Remove “Recommended Preparation: One semester of FD 21 and FD 215 and FD 245”
Add “Prerequisite: FD 45 and FD 45A”

R_TV 216 – Remove “Recommended Preparation: R_TV 3”

LBCC 2020-2021 Catalog Updates

Addition of C-ID Descriptors for the following courses:
Page 242
AUTO 200 (C-ID AUTO 110 X)
AUTO 212 (C-ID AUTO 120 X)
Page 243
AUTO 213 (C-ID AUTO 130 X)
AUTO 214 (C-ID AUTO 140 X)
AUTO 215 (C-ID AUTO 150 X)
AUTO 217 (C-ID AUTO 170 X)

Page 394
POLSC 1 (C-ID POLS 110)

2020-2021 General Education Plan A
GE Plan for Plan A

2020-2021 General Education Plan B
GE Plan for Plan B

2020-2021 General Education Plan C
GE Plan for Plan C