LONG BEACH CITY COLLEGE
ADDENDUM TO CATALOG 2014 - 2015
VOLUME LVII

March 20, 2015

ACCURACY STATEMET

Long Beach City College has made every reasonable effort to assure the accuracy of the information in this Catalog Addendum. Students and others should note that policies, rules, procedures, and regulations change, and that these changes may alter the information in this publication. Long Beach City College reserves the right to add, amend, or repeal any of their rules, regulations, policies, and procedures. This Catalog is not intended to be a complete statement of policies, rules, procedures, and regulations. More current or complete information may be obtained from the appropriate administrative office and the online version of this Catalog Addendum.

The contents of this addendum are in addition to the content specified in the 2014-2015 Catalog, and are effective during catalog year 2014-2015.

http://www.lbcc.edu/catalog/

DISCLAIMER

The Catalog Addendum does not constitute a contract or terms of a contract between the student and the College.

This Catalog Addendum is available in alternate formats to qualified individuals with disabilities. For more information, contact one of the Disabled Students Programs and Services (DSP&S) offices. LAC Campus: (562) 938-4558, PCC Campus: (562) 938-3921, TTY: (562) 938-4833. http://www.lbcc.edu/dsps/

Long Beach City College

Liberal Arts Campus
4901 East Carson Street
Long Beach CA 90808

Associate Degree for Transfer

In Addition, select two to three courses (6-9 units) from LIST A:
LIST A

PGEOG 1L Physical Geography Lab	1.5
GEOG 40 World Regional Geography	3
GEOG 48 Geography of California	3
GEOG 10 Intro. to Geographic Information Systems	3
PGEOG 2 Weather and Climate	3
GEOG 15F Field Methods in Geography	2
Subtotal Units	**6**

In Addition, select two courses (6 units min) from LIST B:
LIST B

Any **LIST A** course not used above	
GEOG 5 The Global Economy	3
ECON 5 The Global Economy	3
STAT 1/1H Elementary Statistics/ Honors	3
POLSC 2 Comparative Government	3
ANTHR 2/2H Cultural Anthropology/Honors	3
GEOL 2 General Physical Geology	3
Subtotal Units	**6**

TOTAL UNITS	**18-21**

Associate Degrees and Certificates

The following Associate Degree and Certificate programs are offered by Long Beach City College. Please note that the information presented in this section for each of the LBCC Curriculum Guides represents only a portion of the complete LBCC Curriculum Guide available on the LBCC website. The information selected for the catalog, is comprised of the core curriculum most useful when registering for courses in the major. All other pertinent information regarding graduation proficiencies and general education is available on the curriculum guides posted on the LBCC website. **The information contained herein is subject to change without notice and/or may include clerical errors due to printing deadlines or format restrictions.** If you become aware of inconsistencies between the information provided in this catalog addendum and the information provided in other sources, please contact the appropriate department office for the specific majors. Your observations will help us provide the most current and accurate information possible.

Total units listed do not include units related to general education requirements.

DATABASE MANAGEMENT
Associate in Science

Mission Statement: This program will provide students with a strong foundation in the design and management of database systems in a business environment. In-depth practice of Structured Query Language (SQL) is provided in the context of business-related case studies. The Database Management program covers advanced database concepts, including database administration, database technology, database web programming and selection and acquisition of database management systems. Supporting courses allow students to gain a thorough understanding of necessary business communication skills, operating systems, programming logic and system design.

Outcomes:
   x

Cyber Security Certificate

REQUIRED COURSE	UNITS
COSN 10 Networking Fundamentals	4
COSS 270 Information Security Fundamentals	1
COSS 271 Network Security Fundamentals	3
COSS 272 Computer Forensics and Investigation	4
COSS 273 Ethical Hacking and Countermeasures	4
TOTAL UNITS	**16**

Computer Hardware Technician Certificate

REQUIRED COURSE	UNITS
COSN 3 Operating Systems: Software and Hardware	4
COSN 5 Computer Technician Hardware Basics	4
TOTAL UNITS	**8**

Business Digital Literacy Certificate

REQUIRED COURSE	UNITS
COSA 1 Computer Information Competency	1
TOTAL UNITS	**1**