**GENERAL EDUCATION COURSE PATTERNS**

**AT LONG BEACH CITY COLLEGE**

**FOR**

**LONG BEACH CITY COLLEGE AA/AS DEGREE**

**CALIFORNIA STATE UNIVERSITY TRANSFER**

**UNIVERSITY OF CALIFORNIA TRANSFER**

- **CERTIFICATE PROGRAM**: Use ONLY the curriculum guide (white) for your field of concentration (LBCC major).
- **ASSOCIATE DEGREE PROGRAM**: Use this general education pattern (Plan A) and the curriculum guide (white) for your field of concentration (LBCC major).
- **CSU OR UC TRANSFER PROGRAM**: Each year, select courses from the updated Plan B or Plan C and the colored curriculum guide for your major found in the counseling center.
- **CSU OR UC TRANSFER AND ASSOCIATE DEGREE PROGRAM**: See a counselor to use Plan B or C while achieving Associate Degree General Education Requirements.

### IMPORTANT GENERAL INFORMATION

**AA/AS DEGREE**
- **Recommended Prior to Enrollment**: Take LBCC Assessment Test. SAT and/or ACT scores, if available, should be on file in Admissions/Records Office, along with high school/college transcripts.
- **REQUEST FOR GRADUATION**: Must be submitted to the Records Office after the third week of last semester of program. Watch for posted deadline for graduation.
- **ADDITIONAL ASSOCIATE DEGREES**: Each additional Associate Degree requires:
  - Twenty additional units at LBCC AFTER receiving the last degree AND
  - Completion of degree requirements in effect at the time work was started on additional degree continuous enrollment required.

**CSU TRANSFER**
- **APPLICATION DEADLINES**: File an application for PRIORITY CONSIDERATION:
  - For Fall Semester or Quarter: ✔ NOVEMBER 1-30
  - For Spring Semester or Quarter: ✔ AUGUST 1-31
  - For Summer Quarter: ✔ FEBRUARY 1-28
  - For Winter Quarter: ✔ JUNE 1-30

**UC TRANSFER**
- **APPLICATION DEADLINES**: for PRIORITY CONSIDERATION:
  - For Fall Semester or Quarter: ✔ NOVEMBER 1-30
  - For Winter Quarter: ✔ OCTOBER 1-31
  - For Spring Semester or Quarter: ✔ JULY 1-30

**PRIVATE UNIVERSITY TRANSFER**: Most private universities have specific lower division and general education requirements listed in their current catalog. It is HIGHLY RECOMMENDED that you consult the catalog of the college or university to which you plan to transfer, a counselor and the transfer center to help you develop a plan that will meet your needs. Be sure to do this long before you plan to transfer so that you will be totally prepared at the time of transfer.

**CATALOG RIGHTS**: Students are guaranteed that the requirements in effect at the time of first enrollment at LBCC will remain in effect as long as the conditions of CONTINUOUS ENROLLMENT are met. Units earned and credited to the CSU and IGETC patterns will be certified by LBCC so long as taken from a valid list.

**ALTERNATIVE GENERAL EDUCATION PLANS**: There are several ways to complete the General Education requirements for transfer to a CSU or UC program. Consult a counselor to determine the best approach for you.

**PRIVATE INSTITUTION REQUIREMENTS**: The General Education requirements of private institutions vary widely. Consult the institution, its catalog, the transfer center and a counselor to develop an appropriate plan for your needs.

**ALL INFORMATION CONTAINED HEREIN IS SUBJECT TO CHANGE** initiated beyond the control of LBCC.

**PLEASE SEE A COUNSELOR FOR ANY QUESTIONS OR CHANGES REGARDING THIS GUIDE.**
### General Education Patterns at Long Beach City College for LBCC, CSU & UC Degrees & Transfer

#### - PLAN A -

**English Composition**
- One Class Required (3 Units Minimum)
  - English 1, 1H, 105, ESL 34

**Communications and Analytical Thinking**
- One Class Required (3 Units Minimum)
  - Speech 10, 20, 25, 30, 60
- Electronics 225
- English 3, 3H, 82, 84, (28A-A.S. ONLY)
- Philosophy 1, 12
- Statistics 1, 1H
- Mathematics 15, 28, 36, 37, 37H, 40, 45, 47, 50, 60, 64, 70, 80, 85, 110, 112, 120, 130, 133, 220, 230

**MATHEMATICS**
- No Class Requirement. See AA/AS graduation proficiency requirements for math requirement.

**Natural Sciences**
- One Class Required (3 Units Minimum)
  - Astronomy 1, 1L
  - Chemistry 1A, 1B, 2, 3A, 3B, 12A, 12B
- Environmental Science 1
- Geography 1
- Geology 1, 1H, 2F, 2L, 3, 4H, 5, 7, 16, 17, 18
- Physics 2A, 2B, 3A, 3B, 3C, 10
- Anatomy 1, 1H, 20, 41
- Biology 1A, 1B, 2, 5, 11, 15, 18, 20, 22, 25, 28, 30, 31, 37, 41 or 41H/41L, 60, 60L, 61, 62
- Physiology 1

**American History**
- One Class Required (3 Units Minimum)
  - History 8A or 8AH AND 8B or 8BH, 10, 11, 25, 27
  - (Not Required for AS Degree)

**Political**
- One Class Required (3 Units Minimum)
  - Political Science 1, 1H, 3
  - (Not Required for AS Degree)

**Physical Education Activity**
- 3 Units Minimum
  - Two P.E. activity classes (a total of 1 unit min.) and one of the following:
    - Health Education 2
    - Anatomy 41 and Rad Tech 60 and Psychology 1
    - OR
    - Health Education 3, 4 (no P.E. classes) (meets Health Education requirement listed below)

#### - PLAN B -

**Area A**
- One Class Required
  - English 1, 1H

**Area B**
- One Class Required From Area B
  - Astronomy 1, 1H
  - Chemistry 1A, 1B+, 2+, 3A+, 3B+
  - Environmental Science 1
  - Geography 1
  - Geology 1+, 1H+, 2, 2L+, 3, 3H+, 4+, 5, 7+, 16, 17, 18
  - Physics 1+, 1B+, 2+, 3A+, 3B+, 3C+, 3D+, 10+
  - Anatomy 1+, 1H+, 20+, 41+
  - Biology 1A+, 1B+, 2+, 5+, 11, 15, 18, 20+, 22, 25, 28, 30, 31, 37, 41 or 41H/41L, 60, 60L+, 61, 62
  - Physiology 1+

**Area C**
- One Class Required From Area C
  - Anatomy 1+, 1H+, 41+
  - Biology 1A+, 1B+, 2+, 5+, 11, 15, 20+, 20H+, 22, 25, 30+, 41/41L+, 41H/41L+, 60, 60L+, 61
  - Physiology 1+

**Area D**
- One Class Required From Area D
  - Health Education 1, 1H

**Area E**
- One Class Required
  - Speech 10, 20, 30, 60

### - PLAN C -

**University of California and California State University Intersegmental General Education Transfer Curriculum (IGETC) enables a student to fulfill the lower division general education requirements for either the CSU or UC institutions. A “C“ grade minimum is required for each course.**

**Area A**
- One Class Required for UC & CSU
  - English 1*, 1H*

**Area B**
- One Class Required for UC & CSU
  - English 3*, 3H*

**Area C**
- One Class Required for UC ONLY
  - Speech 10, 30, 60

**Area D**
- One Class Required (3 Units Minimum)
  - Mathematics 28, 36, 37, 37H, 40, 45, 47, 50, 60, 70
  - Statistics 1, 1H

**Area E**
- Two Classes Required (6 Units Minimum)
  - Note: One class in this section must be taken with a laboratory.
  - English 1*, 1H*

**Area F**
- Two Classes Required (6 Units Minimum)
  - Mathematics 36, 37*, 37H*, 45*, 47*, 50, 60*, 70, 80, 84*, 85*
  - Statistics 1*, 1H*

**Area G**
- Two Classes Required (7 Units Minimum)
  - Note: One class in this section must be taken with a laboratory.
  - English 1*, 1H*

**Area H**
- One Class Required
  - Speech 10, 20, 30, 60

**Area I**
- One Class Required
  - Speech 10, 20, 30, 60

**Area J**
- One Class Required
  - Speech 10, 30, 60

**Area K**
- One Class Required
  - Speech 10, 20, 30, 60

**Area L**
- One Class Required
  - Speech 10, 20, 30, 60

**Area M**
- One Class Required
  - Speech 10, 20, 30, 60

**Area N**
- One Class Required
  - Speech 10, 20, 30, 60

**Area O**
- One Class Required
  - Speech 10, 20, 30, 60

**Area P**
- One Class Required
  - Speech 10, 20, 30, 60

**Area Q**
- One Class Required
  - Speech 10, 20, 30, 60

**Area R**
- One Class Required
  - Speech 10, 20, 30, 60

**Area S**
- One Class Required
  - Speech 10, 20, 30, 60

**Area T**
- One Class Required
  - Speech 10, 20, 30, 60

**Area U**
- One Class Required
  - Speech 10, 20, 30, 60

**Area V**
- One Class Required
  - Speech 10, 20, 30, 60

**Area W**
- One Class Required
  - Speech 10, 20, 30, 60

**Area X**
- One Class Required
  - Speech 10, 20, 30, 60

**Area Y**
- One Class Required
  - Speech 10, 20, 30, 60

**Area Z**
- One Class Required
  - Speech 10, 20, 30, 60
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<tr>
<th>Area C1</th>
<th>Three Classes Required (9 Units Minimum)</th>
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<tr>
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<td>Art 1, 1H, 2, 2H, 3, 3H, 4, 4H, 5, 5H, 6, 7, 8, 9, 10, 11, 11H, 15, 23, 24, 26AD, 30, 31, 34AD, 35AD, 50, 51AD, 60AD, 70AD, 71AD, 80</td>
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<td>Creative Arts 41</td>
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<td>Film 1</td>
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<td>Chinese 1 (1A, 1B), 2</td>
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<td>French 1 (1A, 1B), 2 (2A, 2B), 3, 4, 8AD, 25A-D</td>
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<td>German 1 (1A, 1B), 2 (2A, 2B), 3, 4, 5B, 5A, 6AD, 8AD, 25A-D</td>
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<td>Italian (1A, 1B), 2</td>
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<td>Japanese 1 (1A, 1B), 2</td>
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<td>Spanish 1 (1A, 1B), 2 (2A/2B), 3, 4, 8AD, 9, 10, 25A-D</td>
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<td>Humanities 1*, 1H*, 3*, 7*</td>
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<td>Music 6, 30A, 30B, 31, 33A-D, 40, 40H</td>
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<td>R/TV 1</td>
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<td>Speech 50</td>
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<td>Theater Arts 1, 25</td>
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**Indicates cross-listed courses which may only be used to fulfill one Area**

### HUMANITIES AND ARTS

One Class Required (3 Units Minimum)

- Art 1, 1H, 2, 2H, 3, 3H, 4, 4H, 5, 5H, 6, 7, 8, 9, 10, 11, 11H, 15, 23, 24, 26AD, 30, 31, 34AD, 35AD, 50, 51AD, 60AD, 70AD, 71AD, 80
- Creative Arts 41
- Dance 1
- English 2, 26, 32, 33, 35, 36, 37, 38, 39, 41, 42, 43A, 43B, 44, 44H, 45, 45H, 46, 47, 48, 48H, 51A, 51B, 72AD
- Film 1
- Chinese 1 (1A, 1B), 2
- French 1 (1A, 1B), 2 (2A, 2B), 3, 4, 8AD, 25A-D
- German 1 (1A, 1B), 2 (2A, 2B), 3, 4, 4H, 8AD, 25A-D
- Italian (1A, 1B), 2
- Japanese 1 (1A, 1B), 2
- Spanish 1 (1A, 1B), 2 (2A/2B), 3, 4, 8AD, 9, 10, 25A-D
- Humanities 1*, 1H*, 3*, 7* (Same as Social Science 7)
- Music 6, 30A, 30B, 31, 33A-D, 40, 40H
- R/TV 1
- Speech 50
- Theater Arts 1, 25

**Indicates cross-listed courses which may only be used to fulfill one Area**

### SOCIAL SCIENCES

One Class Required (3 Units Minimum)

- Anthropology 1, 2, 2H, 3
- Child Development 47
- Economics 1A, 1B, 5
- Geography 2, 5, 40, 48
- Health Education 10
- History 1A, 1B, 2A, 2B, 2C, 5A, 5B, 6, 9A, 9B, 9C, 25, 27, 48 (History 8A, 8B, 10, 11 may be taken for the A.S. Degree)
- Interdisciplinary Studies 10
- Political Science 2, 4, 9, 10 (PolSc 1, 1H, 3 may be taken for the A.S. Degree)
- Psychology 1, 1H, 2, 3*, 4, 5, 10, 11, 14, 26, 33
- Public Administration 1
- Social Science 1*, 1H*, 7*
- Sociology 1, 2, 11, 12, 40

**Indicates cross-listed courses which may only be used to fulfill one Area**

### HEALTH EDUCATION

(Plan A) OR LIFELONG UNDERSTANDING & SELF-DEVELOPMENT (Plan B)

3 unit minimum

- Health Education 3, 4 (no P.E. classes)
- OR Two P.E. activity classes (total of 1 unit min.) and one of the following: Health Education 2
  - or Biology 60, and 61 and Psychology 1
  - or Anatomy 41 and Rad Tech 60 and Psychology 1

(meets Physical Education Requirement listed above)

For further information on Plan A, see LBCC catalog.

### AREA D

Three Classes Required (9 Units Minimum)

**NOTE: Courses must be taken in at least two different disciplines.**

| D1 | Anthropology 1, 2, 2H, 3, 10 |
| D2 | Economics 1A, 1AH, 1B |
| D3 | History 2A, 2B, 2C, 2CH, 9A, 9B, 9C, 27 |
| D4 | Social Science 1* |
| D5 | History 25 |
| D6 | Geography 2, 40 |
| D7 | Social Science 7* (Same as Social Sciences 7) |
| D8 | Political Science 2, 3, 4, 9, 10 |
| D9 | Psychology 1, 1H, 3*, 11, 14, 33 |
| D10 | Sociology 1, 11 |

**Indicates cross-listed courses which may only be used to fulfill one Area**

### AREA E-LIFELONG UNDERSTANDING & SELF-DEVELOPMENT

Three Units Required

- Select one course from: CD 47, HE 3, 10, PEIA 1AD, 3AD, 5AD, 7AD, 9AD, 11AD, 13AD, 15AD, 17AD, 19AD, 21AD, 23AD, 27AD, 29AD, 35AD, 37AD, 39AD, 41AD, 43AD, 45AD, PEPP 15, 17, Psychology 4, 10

**Indicates cross-listed courses which may only be used to fulfill one Area**

For further information on Plan B, see LBCC catalog.
### CONTINUOUS ENROLLMENT AND ATTENDANCE

- **Associate Degrees (AA/AS)**
  - CONTINUOUS ENROLLMENT is enrollment in and receiving a grade of A, B, C, D, F, CR or NC for at least one class per ACADEMIC YEAR (August to June) at LBCC or any other accredited higher education institution after being initially enrolled at LBCC. Students enrolled in non-credit courses may qualify for continuous enrollment if the course instructor has noted satisfactory progress in the class rollbook. For additional information, see Degrees and Programs section of the Catalog.

- **California State University (CSU's)**
  - CONTINUOUS ATTENDANCE is enrollment at an accredited college for at least one semester or two quarters in any one CALENDAR year (January to December) to insure catalog rights for the major.

- **Intersegmental General Education Curriculum (IGETC)**
  - CONTINUOUS ENROLLMENT AND ATTENDANCE require meeting specific definitions of both continuous enrollment and attendance for the major.

### RESIDENCE

- For the field of concentration (LBCC Major), 50% of the requirements as defined by the appropriate curriculum guide must be completed at LBCC.

- And, in addition, one of the following:
  - A) Minimum of 20 units within the last 30 units applied to the degree must be completed at LBCC, OR
  - B) at least 50% of the units required for a degree must be completed at LBCC.

### SCHOLARSHIP

- Grade Point Average (G.P.A.)
  - FOR GRADUATION: Overall G.P.A. of 2.0 ("C" average) based on all grades from all colleges from which courses are applied to LBCC degree. Some fields may have additional G.P.A. requirements; check the appropriate curriculum guide.

### UNITS

- FOR GRADUATION: Minimum of 60 AA/AS applicable units; some fields of concentration may require more units—consult appropriate curriculum guide.

  SOME COURSES DO NOT APPLY TOWARD THE 60 UNIT MINIMUM. Note: Courses in the 800 band are not applicable to the Associate Degree. Examples of this include: English 801A-B, 895AB, Math 805.

### PROFICIENCIES

- **MATHMATICS:** A qualifying score on the LBCC Assessment Test or successful completion of a math course at the level of MATH 110 or higher OR ELTC 225. An SAT I Math Score of 520 (500 for SAT Math exams taken prior to April 1995), or an ACT Math Score of 14 will also fulfill the requirement.

- **WRITING:** Fulfill requirements of ENGLISH COMPOSITION section above.

- **READING:**
  - Qualification through multiple LBCC assessment measures OR
  - Completion of English 82 or 83 ("C" or better) at LBCC (courses taken at other colleges may be individually reviewed for equivalency by the English Department) OR
  - Qualification for English 82 or 83 and successful completion of English 1 ("C" or better) as a resident requirement at LBCC OR
  - A Bachelor's Degree from an accredited college or university.

- **COMPUTER:**
  - Completion of any one of the following LBCC courses:
    - ADJT 17, ART 41, 42, 44, 45, 46, 47; CHS 2A, 6A, 8B, 9-35A, 33B, 37R, 40; COMIS 1A-C, 1B; ELTC 41; ENGR 54, 58; ENGLISH 5AD, FD 245AB, JOURN 1A, 1B; MATH 15, 64; MUSIC 71AD, 93AD, 98AD; R/TV 3; CAOTC 31A-B, 34, 35, 39A-D, 40AB, 41EF, 42AB, 43A-G, 44CD, 45, 47A-B, 217AB, 236AD, 237AD, 238AB, 239AD, 246, 250AC, 265, CAOTT 21A-C, 22A-C, 200, 201, 202, 200A-C, 233, TECHNOLOGY 52, 60; OR
  - Approval of course from another accredited college; OR
  - Completion of an articulated LBUSD course with a grade of "C" or better.

- **FOREIGN LANGUAGE PROFICIENCY:** Those students using the IGETC to transfer to one of the nine campuses of the University of California must show proficiency in a foreign language.

  This requirement may be met by:
  - Completion of two years of foreign language in high school with a grade of "C" or better, OR
  - Performance on foreign language proficiency tests administered at a campus of the UC, OR
  - Earning a score of 550 on an appropriate College Board Achievement Test, OR
  - Completion of a second or more advanced level of foreign language course offered at LBCC:
    - Chinese 2
    - French 2 OR 2A and B†
    - German 2 OR 2A and B†
    - Japanese 2
    - Spanish 2 OR 2A and B†

  †Both courses must be completed to receive IGETC credit.